



Robert E. Antonacci II, CPA
Comptroller

COUNTY OF ONONDAGA

Office of the
County Comptroller

*John H. Mulroy Civic Center, 14th Floor
421 Montgomery Street
Syracuse, New York 13202-2998
(315) 435-2130 • Fax (315) 435-2250
www.ongov.net*

James V. Maturo
Deputy Comptroller/Accounting

Philip M. Britt
Deputy Comptroller/Audit

April 28, 2015

The Honorable County Executive
The Honorable Chair of the County Legislature
The Honorable Chair of the Ways and Means Committee
The Chief Fiscal Officer

Enclosed please find our report of the County's Debt. The purpose of this report is to provide the Legislature an overall view of the various components of the County's Debt. This report provides debt service schedules by project and department allowing for detailed analysis of Onondaga County's debt and debt obligations. We believe this report can serve as a useful guide for the Legislature to critically assess County Debt at the detail level, both by project and department. The narrative of debt is intended to provide an overview of the different facets and areas of County debt.

Subsequent to the fieldwork and the County's response to the report, the County's 2014 fiscal year was completed. Therefore, we added the 2014 year end Serial and EFC debt balances by Department.

We have included the following additional information:

- Authorized and Unissued debt as of 12-31-14 representing the amount of debt authorized through previous legislation but not yet bonded for.
- Outstanding debt by Project and Department for both Serial Bonds and EFC Bonds including 2013 and 2014 activity.
- Reserved for Bonded Debt (RBD) amounts which may be available to help offset outstanding debt.
- Administrative costs of issuing bonds.

We hope this information will serve as a useful tool when making decisions regarding the issuance of future debt.

Sincerely,

Robert E. Antonacci II, CPA



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Onondaga County Debt Summary

There are several types of debt the County has issued:

- General Obligation Bonds known as Serial Bonds (GOB)
- Loans made thru Environmental Facilities Corporation (EFC)
- Bond Anticipation Notes (BANS)
- OTASC Debt Proceeds

Issuance of Debt

The State Legislature has granted the power and defined the procedure for the County to issue debt through the enactment of the Local Finance Law, Article 2, Title 1. The County authorizes the issuance of bonds by the adoption of a bond resolution. In order for a resolution to pass, it must be approved by at least two-thirds of the members of the County Legislature. Through the bond resolution, the County Legislature delegates to the County Chief Financial Officer the power to authorize and sell bond anticipation notes (BANS) in anticipation of authorized bonds. BANS are short term borrowings, 12 months or less, and are used for two main reasons: 1. for projects that are small in amount or would otherwise be inappropriate for long term borrowing, 2. it allows the County the ability to capitalize on favorable interest rates for long-term debt. Each bond resolution authorizes the construction, acquisition or installation of the object or purpose to be financed, the plan of financing, the amount of money being borrowed, and the Period of Probable Usefulness. NYS law permits BANS to be renewed each year provided annual principal installments are made. If the principal is not paid off after the fourth renewal (five years from original date of borrowing), the BAN must be converted to a Serial Bond, with exception for Special District Borrowing for Water Environment Protection and Water. Serial Bonds can be issued for a period of time that is not greater than the Period of Probable Usefulness and as subject to legal restrictions. The County Legislature also has the ability to issue Revenue Anticipation Notes (RANS) and Tax Anticipation Notes (TANS), which would be paid off when the respective item is received; these are typically issued for short term cash shortages due to timing differences. We are not aware of the County issuing RANS or TANS at any time in this period.

The Finance Department proposes a resolution to the Onondaga County Legislature to bond for projects. The resolution needs a two-thirds vote from the Onondaga County Legislature in order to pass. Once it is authorized, the monies can be spent by the departments on their projects. Fiscal Advisors & Marketing, Inc. assists the Finance department in structuring the bond. Fiscal Advisors is a financial service firm that advises local governments on the timing, method and amount of bond sales. They help to prepare debt repayment maturity schedules and provide help and guidance in the debt structuring and sale of bonds. Once Fiscal Advisors structures the bond repayment schedule, the Finance Department will adjust it based on the knowledge they have of individual projects. An example is that a project may be complete before the term of the bond, so some project's principal amount may be paid off earlier than other projects within the bond. Next, an official statement is put together for the proposed bonding so that it can be put

to market for competitive bids. This official statement is put together with the help of Fiscal Advisors and the County's bond counsel, Orrick, Herrington & Sutcliffe Law.

The official statement is then sent to the rating agencies along with the previous year's Onondaga County Comprehensive Audited Financial Statements to make their decision on the rating rate of the bond to be issued. The rating agencies rate the bonds based on information from the Comprehensive Audited Financial Statements. The members of the Finance Department meet with the rating agencies and answer questions. Once the rate is set on the new bond, a sale date is picked and sent out on the wire. The new bond issue is placed in the trade newspaper, "Bond Buyer".

Investment companies may bid as one or as a group for the purchase of this bond. Onondaga County is looking to obtain a good "premium" on the sale of this bond and a good effective NIC (net interest cost) rate and/or effective TIC (true interest cost) rate. The effective NIC rate is the total amount of interest to accrue on the bonds from their date to their respective maturities, less the amount of any premium or plus the amount of any discount. The effective TIC rate takes into consideration the true cost of borrowing. It considers the time value of money while NIC does not. The investment companies that bid will put down a deposit of "good faith" for their bid. For the investment company that is selected by Onondaga County to represent the sale of this bond, their "good faith" deposit will become part of the value of the bond. For those investment companies not selected, their deposit will be refunded to them.

The Finance Department completes all wire transfer payments on General Obligation serial bonds. As for EFC bonds, this money is automatically withdrawn of the Onondaga County's bank account.

General Obligation Bonds Known as Serial Bonds (GOB)

The County generally borrows funds on a long-term basis for the purpose of financing the acquisition of land, equipment, construction of buildings and improvements, and infrastructure. The County authorizes and issues GOB for these purposes. The capital projects are organized into two sections; County projects and Special Revenue Funds. County projects that include the General Funds, the Library Fund, and the Community College; and Special Revenue Funds, which are Van Duyn, The Water Fund and the Sewer Fund. The County wide fund projects address most of the basic operating services such as public safety, finance, data processing, parks and recreation, highway, and other direct operating services. Debt services for borrowing associated with these capital projects is an operating budget expense supported primarily by the property tax levy and sales tax revenue. Projects initiated through the Special Funds departments are supported by revenues raised within those individual funds and do not rely on financial support from the general property tax levy.

Bond principal and interest payments are subsidized in several ways. One source of subsidy is the Reserve for Bonded Debt (RBD). The RBD is an escrow account of bond premiums, bond monies unused from projects and interest earned. As of December 31, 2013, the Reserve for Bonded Debt account had a balance of \$37,024,837. Of this balance, \$18,690,055 is restricted as to what projects are to

be paid off with this RBD portion. Of the \$37,024,837, \$18,334,782 is unrestricted, meaning there are not restrictions on what debt balances can be paid off. The Onondaga County Budget Department decides how much and which department will utilize RBD money each year to pay down their debt.

Another source of payment or subsidy of the General Obligation Bond principal and interest is the Build America Bonds (BABS) and Recovery Zone (RZ) bond issue. BABS provide state and local governments with a direct federal payment subsidy for a portion of their borrowing costs on taxable bonds. The subsidy was initially 35% of the taxable borrowing costs it has since been reduced by 8.7% to 26.3%. The BABS capital projects generally encompass work on public buildings, courthouses, schools, transportation infrastructure, government hospitals, public safety facilities and government housing projects and public utilities. RZ bonds were intended to stimulate economic recovery. These bonds allowed the county to borrow on a lower cost than traditional tax-exempt financing. They have a 45% interest subsidy. They were issued for purposes of promoting development or other economic activity, including public infrastructure. In 2013, there was a total BABS and RZ bond interest subsidy of \$339,903. The total interest subsidy expected on the RZ bonds is \$6,035,699 over the course of the loan from 2011 thru 2030. In fiscal year ending 2013 and 2014 the subsidy expected was reduced by 8.7% and 7.2%, respectively. Reductions are expected through Federal fiscal year ending 2023. The amount of reduction will be announced annually prior to the end of the preceding Federal fiscal year.

The E911 surcharges are also used to pay down General Obligation Bonds for E911 projects. In 2013, a total of \$2,475,150 in surcharge revenue was appropriated in the budget to offset debt services of E911 projects. OCC debt service was partially funded with college chargeback collections of \$500,000 in 2013.

As for the Special Revenue Funds; the Water Environmental Protection (WEP) Fund pay principal and interest via an annual sewer fee that is described in detail in the section, "How does the County Fund EFC Bonds Outstanding". The annual sewer fee is used to pay WEP operations and any available excess could be used to pay general obligation WEP debt and Environmental Funding Corporation (EFC) debt.

Onondaga County had a one-time opportunity to pay down a large portion of Serial Bond debt, \$95 million in 2001 and \$18 million in 2005 due to the sale of OTASC bonds funded from a Tobacco Master Settlement. See the title below, "How Does the County fund the proceeds used from the issuance of OTASC used to defease County debt".

Serial Bonds Outstanding

The total General Obligation serial bond principal and interest outstanding as of December 31, 2007 was \$181,991,537 of principal and \$55,557,784 of interest. As of December 31, 2013, the total General Obligation serial bond principal and interest outstanding was \$333,656,000 of principal and \$101,481,928 of interest. See schedule on the next page of principal and interest outstanding by Onondaga County department. The schedules of debt do not include the \$2,000,000 remaining balance due in regards to Lake Ontario Water rights.

There was a new General Obligation bond issued in June 2014 for various County projects in the amount of \$34,800,000 principal and total interest to be paid of \$12,060,822 with a maturity date of 2034. The premium that Onondaga County received on this bond sale was \$3,485,541 to be used in RBD.

In addition, Onondaga County issued a \$19,600,000 General Obligation Refunding (Serial) Bond in July 2014. This bond is a refund of a 2005 General Obligation Bond with an outstanding principal balance of \$5,390,000 and a 2006 General Obligation Bond with an outstanding principal balance of \$15,575,000. The net saving on the refunding of this bond is \$1,349,162. Cost of Issuance on this bond is \$78,791.

Authorized and Unissued

As of December 2014, the authorized, unissued debt for Onondaga County had a balance of \$228,646,960 with \$126,594,205 being Water Environment and Protection. Authorized, unissued bonds are bonds authorized by Onondaga County Legislature but have not yet been issued to be used for their respective projects. See Exhibit A.

Serial Bonds Outstanding By Department

<u>Department</u>	<u>Principal Bal at 12/31/07</u>	<u>Interest Bal at 12/31/07</u>	<u>Principal Bal at 12/31/13</u>	<u>Interest Bal at 12/31/13</u>
BOE	-	-	364,000.00	70,355.00
Corrections	600,000.00	70,593.75	2,039,100.00	798,486.20
E911	7,935,000.00	1,772,077.37	26,405,000.00	5,083,868.75
Facilities	55,717,310.00	18,378,868.25	36,987,179.00	8,772,183.06
General Fund	3,920,000.00	-	-	-
Hillbrook	-	-	4,350,000.00	1,183,881.25
IT	-	-	12,224,812.00	2,520,557.33
Metro Water Board	4,225,000.00	1,344,336.55	24,358,131.00	11,745,844.71
OCC	11,873,000.00	4,982,576.30	35,308,409.00	13,132,509.86
On Comm Pub Lib	662,000.00	84,188.06	4,927,936.00	1,820,339.62
OnCenter	1,775,000.00	529,825.00	12,918,461.00	5,131,511.40
Parks	5,994,000.00	1,397,418.33	19,227,340.00	5,777,761.38
Sheriff	12,134,000.00	1,817,784.00	1,996,000.00	148,193.34
Transportation	37,629,227.00	10,229,854.55	75,109,595.00	19,510,519.27
Van Duyn	-	-	3,460,000.00	681,246.67
WEP	39,527,000.00	14,950,261.93	73,980,037.00	25,104,670.42
Total	<u>\$ 181,991,537.00</u>	<u>\$ 55,557,784.09</u>	<u>\$ 333,656,000.00</u>	<u>\$ 101,481,928.25</u>

In 2014, \$34,800,000 in additional serial bonds was issued. This is serial bond #810 of the attached Exhibit D. A \$19,600,000 refunding bond was issued in 2014. This is serial bond #811 of the attached Exhibit D. The issuance of the refunding bond forgave \$1,365,000 in principal that was due on serial bond's #700 and #720. Exhibit D includes the principal and interest due by each serial bond issue. Each bond issue lists the project numbers and departments. This exhibit does not reflect payments of principal and interest made in 2014. The principal payments in 2014 are \$26,773,000 and interest payments of \$14,374,743. See Appendix A for Serial Bonds Outstanding by Department for 2007, 2013 and 2014.

General Obligation Issuance Costs

When a bond is issued there are costs associated with the issuance. Bond issue costs include; rating agency fees, attorney fees, publication fees, local accounting fees, printing fees and bond advisory fees. See Exhibit B – Issue costs bonds, for the general obligation bond issuance costs since 2005.

Environmental Financing Corporation (EFC)

The New York State Environmental Facilities Corporation, (EFC), provides low-cost capital and expert technical assistance for environmental projects in New York State. EFC extends financial and technical assistance to municipalities, non-profits and small businesses, ensuring they meet water and air quality regulations. Onondaga County EFC interest on bonds is subsidized at approximately 50% of total interest by NYS Environmental Facilities Corporation.

EFC Bonds Outstanding by project # as of 12/31/13

Project	EFC Project Description	Principal bal	Interest bal	Principal bal	Interest bal
		12/31/07	12/31/07	12/31/13	12/31/2013
588491	METRO STP PHASE 1 CONSENT ORD	2,070,000.00	239,936.77	-	-
587341	PUMP STATIONS IMP	1,127,950.00	791,159.98	877,700.00	305,084.68
587301	TRUNK SEWER IMP	7,407,050.00	4,926,917.06	5,732,300.00	1,997,361.04
588525	METRO ODOR CONTROL SYSTEM IMP	3,630,000.00	1,055,733.75	1,745,000.00	128,845.46
588525	METRO ODOR CONTROL SYSTEM IMP	950,000.00	370,554.25	535,000.00	63,654.14
587944	MCP-AERATION SYS ENG BR 61-98	715,000.00	250,533.50	400,000.00	53,410.44
587947	MCP-COMP BASED PROC CONTR SYS	210,000.00	72,020.55	120,000.00	13,644.56
587955	ACJ SIPHON CROSSINGS	70,000.00	22,260.00	35,000.00	4,560.72
587956	ACJ WEST STREET SEWER SEPARATI	280,000.00	96,027.40	160,000.00	18,192.70
587951	ACJ FRANKLIN ST FCF	875,000.00	316,125.50	489,436.00	109,619.84
587954	ACJ METRO IMPR PH PHOS REM/CHE	575,000.00	204,877.40	335,000.00	74,992.40
587354	ACJ METRO IMPR PH PHOS REM/CHE	3,605,000.00	1,269,685.00	2,040,000.00	272,805.44
588510	HIAWATHA/SPRING ST CSO	1,880,000.00	659,897.50	1,060,000.00	141,080.64
587961	ACJ FULL SCALE AMMONIA/PHOS RE	15,309,284.00	5,497,074.41	10,495,000.00	2,498,605.96
587949	ACJ MALTBIE ST/TEALL & HARBOR	140,000.00	41,755.86	80,000.00	14,488.26
587351	BREWERTON/ROT SL DRUM THICK	1,110,000.00	395,790.70	665,000.00	77,793.26
587948	ACJ MIDLAND AVE CONV ENG	24,896,449.00	18,341,113.82	20,545,000.00	12,104,859.56
587948	ACJ MIDLAND AVE CONV ENG	-	-	11,395,177.00	4,001,661.57
587953	ACJ KIRKPATRICK ST PS	3,580,000.00	1,194,955.70	2,355,000.00	515,314.40
587958	ACJ ERIE BLVD STORAGE SYSTEM U	730,000.00	244,809.29	460,000.00	94,874.06
587372	SYR & GEDDES CONV SYS IMP BR 1	3,440,000.00	1,280,748.82	2,165,000.00	307,910.98
587949	ACJ MALTBIE ST/TEALL & HARBOR	290,000.00	846,569.20	200,000.00	42,379.50
587373	WETZEL RD WWTP UPGRADE BR 300	41,713,628.00	29,939,814.98	34,425,000.00	19,857,624.67
587384	L'POOL PUMP STATIONS IMPROVEME	5,045,439.00	1,807,307.96	3,560,000.00	855,982.62
587968	SANITARY DISTRICT IMP BR 18 2/	2,030,000.00	921,642.76	1,375,000.00	403,766.56
588609	J'VILLE PEN PUMP STA & CONV SY	1,585,000.00	677,855.04	1,070,000.00	314,064.66
587383	ENVIRON LAB & FLOW CONTROL	4,775,000.00	2,063,965.58	3,260,000.00	962,354.36
587963	ACJ SEWER SEPARATION	1,677,029.00	764,511.63	1,205,000.00	377,254.40
587963	ACJ SEWER SEPARATION	896,215.00	410,000.16	630,000.00	206,819.40
587963	ACJ SEWER SEPARATION	-	-	1,285,000.00	460,519.64
587963	ACJ SEWER SEPARATION	-	-	2,495,000.00	872,435.20
587963	ACJ SEWER SEPARATION	-	-	3,935,953.00	1,150,376.16
587698	ACJ BIOSOLIDS HANDLING IMPR BR	14,924,894.00	7,109,080.34	11,105,000.00	3,699,437.90
587960	ACJ CLINTON ST CONVEYANCES	-	-	14,320,000.00	5,130,668.88
	EFC Subtotal	145,537,938.00	81,812,724.91	140,555,566.00	57,132,444.06
	BANS				
3/27/08	32	-	-	25,810,710.14	-
8/16/09	33	-	-	34,576,380.63	-
	EFC Total	145,537,938.00	81,812,724.91	200,942,656.77	57,132,444.06

In 2014, \$128,800,968 in EFC Bonds was issued. This \$128,800,968 included the BANS of \$60,387,091 outstanding in 2013 and additional new bonding of \$68,413,877. All EFC bonds outstanding as of 2014 by project can be seen in Exhibit E. This exhibit includes all principal, gross interest due and the net interest due after subsidy by project. The principal payments for 2014 are \$7,912,604 and net interest payments of \$3,549,576. See Appendix B for EFC bonds outstanding in 2007, 2013 and 2014.

EFC yearly administrative fees

Onondaga County pays yearly administrative fees to EFC for the loans. For the period of 2013 thru 2043 for the loans outstanding, Onondaga County will pay administrative fees in the amount of \$8,599,870. See Exhibit C – EFC Administrative Fees for yearly breakdown of payments.

EFC 2014 loan additions

In July 2014, Onondaga County issued an additional \$128,800,968 in EFC bonds for various projects. \$60,387,091 of the \$128,800,968 is the BANS listed in the previous spreadsheet “EFC Bonds Outstanding as of 12/31/13”. These BANS were short term loans that were closed and reissued under these new long term EFC 2014 bonds. The remaining \$68,413,877 is new financing on ongoing projects. Along with this new EFC debt, there are issuance costs of \$1,176,823 and administrative fees of \$5,036,656 in addition to the interest to be paid of \$39,730,343 until the maturity date of 11/1/2044.

EFC Subsidy Interest

Onondaga County EFC interest on bonds is subsidized at approximately 50% of total interest by NYS Environmental Facilities Corporation.

How does the County Fund EFC Bonds Outstanding

The Onondaga County EFC bonds are funded by the sanitary sewer system charges. The charge is billed on the annual Onondaga County tax bill statement. Single family households are charged one unit per year. Multiple family dwellings are charged .75 units per year per dwelling. Therefore, a two-family house receives a total charge of 1.5 units. Businesses, which typically discharge more water than households, receive a unit charge based on the amount of water that they use.

Unit charge rates are adjusted annually to account for fluctuations in costs of operating the sewer system.

Annual Consolidated Districts Sewer Charges

Year	Unit Charge	Number of Units	Total Sewer Charge	Amt Collected
2015	\$ 411.19	180,741	\$74,318,921.00	
2014	\$ 388.80	180,765	\$70,281,472.00	\$69,486,444.00
2013	\$ 362.55	180,326	\$65,376,983.00	\$64,654,533.00
2012	\$ 358.68	180,967	\$64,909,147.00	\$64,234,163.00
2011	\$ 338.33	179,863	\$60,851,332.00	\$60,215,242.00
2010	\$ 325.71	181,269	\$59,040,837.00	\$58,388,226.00
2009	\$ 317.80	181,425	\$57,656,050.00	\$56,928,237.00

County Debt Limit

Local Finance Law permits Onondaga County to issue General Obligation debt up to a statutory debt limit. The statutory debt limit is 7% of the 5 year average full valuation of Taxable Real Property within the County. Total Net Indebtedness is calculated by adding the County's short and long-term debt and subtracting the legal exclusions. The percentage of debt contracting power exhausted is the total net indebtedness divided by the 7% Debt Limit.

Calculation of Total Net Indebtedness

5 year average full valuation of taxable real property	\$	25,373,740,246
Debt Limit (7% of 5 year average)	\$	1,776,161,817

Scheduled Debt as of December 31, 2013

General Obligation Bonds	333,656,000
EFC Bonds	140,555,566
Bond Anticipation Notes (BANS)	60,387,091
Outstanding Gross Indebtedness	534,598,657
<u>Less Exclusions:</u>	
EFC Bonds	(140,555,566)
BANS	(60,387,091)
Sewer Debt	(24,358,131)
Water Debt	(50,190,800)
Approp. Serial Bonds 2014	(21,151,832)
Less Retired Debt	
	<u>(296,643,420)</u>
Total Net Indebtedness	237,955,237
Net Debt-Contracting Margin	1,538,206,580
Percentage of Debt contracting Power Exhausted	13.40%

Exclusions from the County Debt Limit

Finance Law allows that some debt can be exempt from the Constitutional Debt Limit, the limit put on government so they don't over borrow. Defeased debt is excludable. Defeased debt is when the borrower has set aside sufficient assets to cover the debt; the debt does not have to be recorded on the balance sheet. General Obligation principal debt payments appropriated in the adopted budget are excludable. All Water bonds are exempt. Sewer debt is also excludable provided exclusion has been filed with the NYS Office of the State Comptroller. Drainage districts bonds are exempt. All Serial Bonds and BANS for sewer and water and EFC bonds/notes for Sewer are exempt/excludable debt.

Debt Defeasance (FAS 76)

Defeasance of debt can be either legal or in substance. A *legal defeasance* occurs when debt is legally satisfied based on certain provisions in the debt instrument even though the debt is not actually paid. An *in-substance* defeasance occurs when debt is considered defeased for accounting and financial reporting purposes even though a legal defeasance has not occurred. When debt is defeased, it is no longer reported as a liability on the balance sheet; only the new debt, if any, is reported as a liability.

Debt is considered defeased in substance for accounting and financial reporting purposes if the debtor irrevocably places cash or other assets with an escrow agent in a trust to be used solely for satisfying scheduled payments of both interest and principal of the defeased debt, and the possibility that the debtor will be required to make future payments on that debt is remote. The trust is restricted to owning only monetary assets that are essentially risk-free as to the amount, timing, and collection of interest and principal.

In a defeasance, the escrow agent purchases government securities for deposit in an escrow account. The escrow account is held by a bank or trust company that serves as escrow agent. Under the terms of an escrow agreement, the government securities are irrevocably pledged for the payment of the outstanding bonds. The government securities are in a principal amount such that the principal and interest earned are sufficient to retire the principal of and interest on the outstanding bonds as they come due. The government securities and all costs related to the defeasance are paid with funds accumulated in the various accounts established for the outstanding bonds or with other available funds.

OTASC Bonds Outstanding

In November 1998, the Tobacco Master Settlement Agreement (MSA) was entered into originally between the four largest US tobacco companies and the attorney generals of 46 states, including New York. The states settled their Medicaid lawsuits against the tobacco industry for recovery of their tobacco-related health-care costs, and also exempted the companies from private tort liability regarding harm caused by tobacco use. In exchange, the companies agreed to stop certain tobacco marketing practices, as well as to pay, in perpetuity, various annual payments to the states to compensate them for some of the medical costs of caring for persons with smoking-related illnesses. The tobacco companies agreed to pay a minimum of \$206 billion over the first 25 years of the agreement to the 46 states.

In 2001, Onondaga County formed the Onondaga Tobacco Asset Securitization Corporation (OTASC), a local development corporation, for the special purpose of the sale of Onondaga County's allocable share of tobacco assets to be received from New York State. OTASC is legally separate from the County of Onondaga; however, it is a blended component unit of the County and therefore is included in the County's financial statements. On July 3, 2001, Onondaga County sold to OTASC all of its future rights, title and interest in the Tobacco Settlement Revenues.

The purchase price of the County's future rights, title and interest in the Tobacco Settlement Revenues was financed by the issuance of serial bonds to investors which will be paid back with the money that OTASC expects to receive annually from tobacco companies from the master settlement agreement.

How Does the County Fund the Proceeds Used from the Issuance of OTASC debt used to defease County Debt

The 2001 OTASC bond had an original issue of \$111,470,000 and a portion of the proceeds from the sale (\$95.8 million) was placed into an irrevocable escrow account maintained by a party independent of the County, and subsequently used to purchase securities to provide debt service payments for bonds that were removed from the General Long-Term Debt Account Group.

In 2005, OTASC issued bonds, a portion of the net proceeds of \$31.4 million was used by the County to advance refund \$6,975,000 of outstanding 2002 General Obligation Bonds and \$12,944,754 of 2005 Public Improvement Bonds. Proceeds in the amount of \$18,990,501 were deposited in an irrevocable trust with an escrow agent to provide for all future debt service payments on the 2002 and 2005 bonds. The remaining \$11.6 million was deposited into the Capital Projects Fund to support future improvements and acquisitions.

In order to defease Onondaga County General Obligation debt of \$115,117,354 (2001 - \$95,197,600 & 2005 - \$19,919,754), there is currently principal and interest due on the 2001 and 2005 OTASC bonds as follows:

Series 2001			
Year	Principal	Interest	Total
2014	\$ 1,005,000.00	\$ 5,016,700.00	\$ 6,021,700.00
2015	1,100,000.00	4,954,806.00	6,054,806.00
2016	1,260,000.00	4,884,006.00	6,144,006.00
2017	-	4,846,206.00	4,846,206.00
2018	-	4,846,206.00	4,846,206.00
2019-2023	810,000.00	24,209,769.00	25,019,769.00
2024-2028	17,095,000.00	21,743,825.00	38,838,825.00
2029-2033	17,510,000.00	16,841,844.00	34,351,844.00
2034-2038	20,645,000.00	11,656,384.00	32,301,384.00
2039-2043	29,645,000.00	4,497,794.00	34,142,794.00
	<u>\$ 89,070,000.00</u>	<u>\$ 103,497,540.00</u>	<u>\$ 192,567,540.00</u>
Series 2005			
Year	Principal	Interest	Total
2038	6,127,360.00	34,716,541.00	40,843,901.00
2050	9,604,046.00	126,233,419.00	135,837,465.00
2055	4,963,972.00	130,489,947.00	135,453,919.00
2060	<u>7,830,060.00</u>	<u>342,240,747.00</u>	<u>350,070,807.00</u>
	28,525,438.00	633,680,654.00	662,206,092.00

OTASC has the option to make “super sinker” payments of principal and interest on the 2001 OTASC bond. Depending on the extent of actual collections from tobacco settlement revenue payments and the availability of funds, the Corporation has agreed to make principal payments in accordance with a Super Sinker payment schedule that allows for increased payment and a final maturity of December 2028, as compared to 2043. The Super Sinker payment schedule as of 12/31/13 is as follows:

Series 2001			
Year	Principal	Interest	Total
2014	7,700,000.00	4,840,956.00	12,540,956.00
2015	3,680,000.00	4,532,388.00	8,212,388.00
2016	3,855,000.00	4,317,672.00	8,172,672.00
2017	4,055,000.00	4,092,841.00	8,147,841.00
2018	5,155,000.00	3,833,809.00	8,988,809.00
2019-2023	30,580,000.00	14,334,531.00	44,914,531.00
2024-2028	<u>34,045,000.00</u>	<u>4,439,431.00</u>	<u>38,484,431.00</u>
	89,070,000.00	40,391,628.00	129,461,628.00

This Super Sinker payment schedule would pay off the principal balance of the 2001 OTASC bond in 2028 vs. 2043 and reduce the total interest paid out by \$63,105,912. It would then free up tobacco settlement revenue payments to pay off the principal balance of the 2005 OTASC bond. The Corporation has made partial super sinker payments on the 2001 bond but has not been able to make full super sinker payments due to the increased OTASC expenses and lower tobacco revenue proceeds received each year.

OTASC has a Reserve for Bonded Debt (RBD) balance as of December 31, 2013 of \$8,624,581, restricted to subsidize future payment of the bond principal and interest.

In the Analysis of Overall Financial Position on page 7 of the 2013 OTASC Financial Statements, it states that there is a decrease to the Corporation's net position. This decrease is a result from the tobacco settlement proceeds and interest income providing insufficient revenue to meet the Corporation's current expenditure/expense demands. The Corporation is behind the expectations of the super sinker payment structure due to lower tobacco revenues since 2010, but otherwise fully meeting its mandatory obligations. The Corporation continually has a decrease in net position and the trend is expected to continue. The tobacco settlement payments will vary from year to year, depending on domestic cigarette consumption, which continues to fall.



DEPARTMENT OF FINANCE

JOANNE M. MAHONEY
County Executive

DIVISION OF MANAGEMENT & BUDGET
John H. Mulroy Civic Center, 14th Floor
421 Montgomery Street
Syracuse, New York 13202-2989
(315) 435-3346 Fax (315) 435-3439
www.ongov.net

STEVEN P. MORGAN
Chief Fiscal Officer

TARA VENDITTI
Deputy Director of
Management & Budget

January 29, 2015

Hon. Robert Antonacci
Onondaga County Comptroller
John H. Mulroy Civic Center, 14th Floor
421 Montgomery Street
Syracuse, NY 13202

Dear Mr. Antonacci:

Together, the Legislature and County Executive have wisely invested in our community's infrastructure; and these investments directly relate to the quality and efficiency of our public infrastructure assets and the quality of life and economic activity within our community.

As required by the Onondaga County Charter and Administrative Code, each year the County Executive presents a 6-year Capital Improvement Plan (CIP) to the County Legislature. The 6-year CIP adopted by the County Legislature in 2007, which covered the period from 2008 to 2013, established a plan to spend \$609 million on 49 proposed Capital Projects with 60% for water supply and wastewater treatment projects.

Of the \$151.7 million general obligation (GO) debt issued as a result of this plan, \$98.5 million, or 65%, was related to just six specific areas:

- OCC Campus Improvements - \$23.4 million
- E-911 Interoperable Radios - \$22.9 million
- Terminal Reservoir Tanks - \$19.7 million
- Park Improvements - \$13.2 million
- OnCenter Complex - \$10 million
- PeopleSoft - \$9.3 million

The majority of the remaining bonding can be attributed to road, water, and sewer infrastructure improvements.

The investments made during this six year period were for the creation, maintenance, and improvement of capital assets and infrastructure that protect the environment, spur economic

development, and improve the quality of life in Onondaga County. These investments allowed our community the opportunity to thrive by creating jobs and a higher standard of living for County residents.

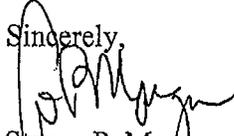
Onondaga County has been able to afford these critical investments due to sound fiscal management, as evidenced by our strong credit rating and the attractive interest rate environment experienced over the past several years. During the six year period in which the Legislature voted to increase bonding, County property taxes have been reduced from \$180 million to \$141 million.

The 6-year Capital Improvement Planning process is working as designed and has resulted in Onondaga County being able to plan and carry out a prudent plan for maintaining existing capital assets, doing its court-required part in cleaning up Onondaga Lake, and making sound investments in new infrastructure designed to foster and enhance economic development, public safety, and quality of life for the citizens of Onondaga County.

The Division of Management and Budget is constantly reviewing our strategies to maximize the limited monies we have available and, as interest rates begin to rise, we will revise the strategy we present to the Legislature. We have also restructured our office in creating a Capital Unit to manage the planning, financial management, and evaluation of capital projects. They have already developed a model to analyze the long-term fiscal impact of a capital investment within the context of the County's overall financial position. This model will assist in determining the County's financial ability to invest in a particular asset on a short and long-term basis.

The recession and its long term effects are still being felt but, the County's ongoing fiscally conservative budgeting practices put us in a position to seize the opportunity during that crisis to improve infrastructure for generations to come. The executive office appreciates the Legislature's work in approving these plans and issuing the bonds to make the work possible. We look forward to continuing that partnership on behalf of the people of Onondaga County.

Sincerely,



Steven P. Morgan
Chief Fiscal Officer

Cc: Joanie Mahoney, County Executive

COUNTY OF ONONDAGA
G/L 188 - AUTHORIZED/UNISSUED
LONG TERM DEBT GROUP OF ACCOUNTS

2014									
Subsid Acct	Subsidiary Account Title	Department	Auth Reso Number and Date	12/31/2013 Balance	2014 Borrowings	*St & Fed Aid, EFC, Adjustments & Closed Proj	2014 ARRA Loan Forgiveness	2014 Authorizations	Current 2014 Balance
510001	Tax Collect & Deliq Software	Finance	BR-212 12/14	0				600,000.00	600,000.00
512558	New Criminal Courthouse	Fac Mgmt	224/98, 333/98, 117/00, 227&229/00, 118/01	0.00					0.00
512575	Energy Performance Contract	Fac Mgmt	283-12/03, 170-8/04, 116 6/05, 225-11/1/05	0.00					0.00
512578	Courthouse Exterior Rehab.	Fac Mgmt	204-10/06	0.00					0.00
512581	Oncenter Complex Rehab/Renov	Fac Mgmt	BR-207-9/08, 043-4/09	0.00					0.00
512585	BOE Office Building Purch/Renov	Fac Mgmt	BR-197-9/10	0.00					0.00
512588	Justice Center Roof Replacement	Fac Mgmt	BR-506 10/11	0.00					0.00
512589	CC Windows Systems Replacement	Fac Mgmt	BR-506 10/11	3,500,000.00	5,000,000.00	2,474,821.00			974,821.00
512590	Ed Kochian COB Rehab & Renov	Fac Mgmt	BR-506 '11 BR-217 '12 BR221 '14	3,000,000.00	2,500,000.00			700,000.00	1,200,000.00
512591	CC Office & Masonry Improvements	Fac Mgmt	BR-506 '11 BR-217 '12 BR221 '14	1,675,000.00				880,000.00	2,555,000.00
512592	Downtown Campus Various Imp	Fac Mgmt	BR-506 '11 BR-217 '12 BR221 '14	3,474,821.00		(2,474,821.00)		445,000.00	1,445,000.00
512593	Community Plaza & Walks Renov	Fac Mgmt	BR-506 10/11	0.00					0.00
512594	Courthouse Sidewall Copper Flashing	Fac Mgmt	BR-506 10/11	425,000.00					425,000.00
512595	Community Plaza Garage	Fac Mgmt	BR-217 12/12	125,000.00	125,000.00				0.00
512596	Remodeling TA Intake	Fac Mgmt	BR-217 12/12	189,000.00					189,000.00
512597	OnCenter Rehabilitation	Fac Mgmt	BR-217 12/12	1,000,000.00					1,000,000.00
592661	Land Pruchase for Hotel	Fac Mgmt	117/2001	1,286,924.00					1,286,924.00
592674	PeopleSoft	IT	BR-127 6/10	0.00				988,741.00	988,741.00
592675	VOIP Assessment	IT	BR-485 10/11	0.00					0.00
592676	IT Project	IT	BR-510 10/11	0.00					0.00
514002	Van Duyn Capital Projects	Van Duyn	BR-64 4/09	1,631,503.00		(771.00)			1,630,732.00
514004	Demoliition of S1 Building	Van Duyn	BR-251 12/18/12	1,500,000.00					1,500,000.00
522692	Pratts Falls Recovery	Parks & Rec	BR-245 & BR-247 12/07	18,750.00					18,750.00
522695	Bank Stadium Natural Grass	Parks & Rec	BR-120 7/07	0.00					0.00
522696	PFT 2 - OLP Marina	Parks & Rec	BR-247 12/07	2,000.00					2,000.00
522697	PFT 2 - New Elephant Exhibit	Parks & Rec	BR-238 12/07	0.00					0.00
522698	PFT 2 - Primate Island Exhibit	Parks & Rec	BR-238 12/07	0.00					0.00
522699	PFT 2 - Zoo Improvements	Parks & Rec	BR-238 12/07	0.00					0.00
522701	PFT 2 - OS Improvements	Parks & Rec	BR- 247 12/07	0.00					0.00
522702	PFT 2 - OS Playground	Parks & Rec	BR-247 12/07	0.00					0.00
522703	PFT 2 - Oneida Boat Launch Imp	Parks & Rec	BR-247 12/07	0.00					0.00
522704	PFT 2 - Pratts Falls Masonry	Parks & Rec	BR-247 12/07	0.00					0.00
522706	PFT 2 - Project Manager	Parks & Rec	BR-238 & BR-247 12/07	0.00					0.00
522707	PFT 2 - Onondaga Lake Park	Parks & Rec	BR-247 12/07	0.00					0.00
522719	2010 Parks Roofs	Parks & Rec	BR-199 9/10	0.00					0.00
522721	Parks Improvement & Maintenance	Parks & Rec	BR-507 10/11	1,000,000.00	332,634.00	(667,366.00)			0.00
522722	Parks Roads/Parking/Trail Paving	Parks & Rec	BR-507 10/11 BR-174 11/12	1,265,000.00	974,188.00	974,188.00			1,265,000.00
522723	Parks Main Office Environ Imp	Parks & Rec	BR-507 10/11	320,000.00	22,585.00	(297,415.00)			0.00

Subsid Acct	Subsidiary Account Title	Department	Auth Reso Number and Date	2014 Balance	2014 Borrowings	EFC, Adjustments & Closed Proj	Loan Forgiveness	2014 Authorizations	4/28/2015 Balance
522724	Zoo Preventive Maintenance	Parks & Rec	BR-507 10/11	450,000.00	440,593.00	(9,407.00)			0.00
522726	Zoo HVAC Rehabilitation	Parks & Rec	BR-174 11/12	0.00					0.00
522733	Onondaga Lake W. Shore Revitalization	Parks & Rec	BR-172 11/14	0.00				49,500,000.00	49,500,000.00
531556	Corrections-Phys Plant Imp	Corrections	289-12/16/02	0.00					0.00
535010	Various Co Rd Imp	Highway	163-5/00, 97-01,111-03,114-04 81-5/12	0.00					0.00
535011	Syr-Cedarvale Rd. Phase 2	Highway	71-5/06 less sb rev from 535070-008	0.00					0.00
535012	Thompson Rd.	Highway	71-5/06, 111-5/08, 80 5/14	1,965,767.00	1,965,767.00			2,440,000.00	2,440,000.00
535013	Fly Rd. Phase 1 Design	Highway	79-5/07, 111-5/08	1,318,000.00					1,318,000.00
535020	County Bridges	Highway	164-00,99-01,111-03,113-04,97-05	0.00					0.00
535021	Bridges '06	Highway	71-5/06	0.00					0.00
535024	Warners Rd Bridge-Construction	Highway	BR-77 & 78 5/5/09	0.00					0.00
535025	Various Co Rd Imp	Highway	163-5/00, 97-01,111-03,114-04,98-05	0.00					0.00
535026	Fed Aid Local Match	Highway	71-5/06	500,000.00					500,000.00
535028	Bridges '07	Highway	78-5/07	0.00					0.00
535029	Various Co Rd Imp	Highway	79-5/07	307,000.00					307,000.00
535030	Various Co Rd Imp	Highway	163-5/00, 97-01,111-03,114-04	0.00					0.00
535031	Traffic Systems Mgmt '06	Highway	71-5/06	150,000.00	150,000.00				0.00
535032	Traffic Systems Mgmt '06	Highway	79-5/07	0.00					0.00
535033	Fed Aid Local Match '09	Highway	BR-78 5/09	0.00					0.00
535034	2010 Fed Aid Local Match (Temp)	Highway	BR-88 5/10	50,000.00		(50,000.00)			0.00
535035	2011 Fed Aid Local Match (Temp)	Highway	BR-401 5/11	50,000.00		(50,000.00)			0.00
535036	2012 Fed Aid Local Match (Temp)	Highway	BR-81 5/12	60,000.00		(60,000.00)			0.00
535040	Various Co Rd Imp	Highway	163-5/00, 97-01,111-03,114-04,98-05	0.00					0.00
535041	Paving '06	Highway	71-5/06	0.00					0.00
535042	Paving '07	Highway	79-5/07	0.00					0.00
535055	Various Co Rd Imp	Highway	163-5/00, 97-01,111-03,114-04,98-05	0.00					0.00
535056	Cold Mix -Mulch '06	Highway	71-5/06	0.00					0.00
535057	Cold Mix -Mulch '07	Highway	79-5/07	0.00					0.00
535060	Various Co Rd Imp	Highway	95-5/6/96,111-03	0.00					0.00
535070	Various Co Rd Imp	Highway	163-5/00, 97-01,111-03,114-04,111-08	500,000.00	100,000.00				400,000.00
535100	Green Design	Highway	BR-81 5/12	0.00					0.00
535101	Electronics Pky Green Design	Highway	BR-81 5/12	200,000.00					200,000.00
535103	Caughdenoy-Ec.Dev.-Design	Highway	BR-165 10/9/12	530,000.00					530,000.00
535150	Velasko Rd-Construction	Highway	111-5/08, 401-5/11- 81 5/12	250,000.00	220,000.00				30,000.00
535151	Old Rte 5 Repaving Ph 1	Highway	111-5/08, 401-5/11- 81 5/12	345,000.00					345,000.00
535152	Buckley Rd CSX RR Design	Highway	BR111-5/08, 88 -5/10, 401-5/11, 65-5/13	537,500.00		(292,500.00)			245,000.00
535153	Civic Strip	Highway	100-6/09	68,000.00					68,000.00
535154	Jamesville Rd Paving	Highway	BR100-6/09, 88-5/10	0.00					0.00
535155	2010 Bridge Painting	Highway	BR100-6/09, 88-5/10	0.00					0.00
535156	Fremont Rd Bridge/CSX-Design	Highway	BR100-6/09, 88-5/10, 401-5/11	0.00		60,000.00			60,000.00
535157	Northern Blvd Safety/Paving	Highway	BR-88 5/10-BR-65 5/13	180,000.00		50,000.00		7,500.00	237,500.00
535158	2010 Traffic Signals	Highway	BR-88 5/10, 401-5/11, 65 5/13, 80 6/14	177,500.00	177,500.00			6,000.00	6,000.00
535159	Fly Rd Paving-Design	Highway	BR-88 5/10- 81 5/12 ,65 5/13	66,000.00	66,000.00				0.00

Subsid Acct	Subsidiary Account Title	Department	Auth Reso Number and Date	Balance	2014 Borrowings	EFC, Adjustments & Closed Proj	Loan Forgiveness	2014 Authorizations	4/28/2015 Balance
535160	South Bay Rd Paving-Design	Highway	BR-88 5/10-BR-65 5/13	180,000.00	55,000.00				125,000.00
535161	Allen Rd Paving-Design	Highway	BR-88 5/10, 401-5/11, 65 5/13, 80 6/14	40,000.00	40,000.00			20,000.00	20,000.00
535162	Old Liverpool/Elec Pky Design	Highway	BR-88 5/10- 81 5/12 ,65 5/13	62,000.00	62,000.00			5,000.00	5,000.00
535163	Jordan RD Bridge Proj Design	Highway	BR-88 5/10- BR-65 5/13	120,000.00	120,000.00			12,500.00	12,500.00
535164	Rural paving - Construction	Highway	BR-401 5/11	0.00					0.00
535165	Costello Pky/ CSX Construction	Highway	BR-401 5/11	0.00					0.00
535166	Bridge Maint Ph1-Design	Highway	BR-65 5/13	40,000.00					40,000.00
535167	Oran Delphi Rd Bridge Design	Highway	BR-65 5/13	60,000.00					60,000.00
535168	John Glenn Blvd Bridge-Design	Highway	BR-65 5/13	240,000.00					240,000.00
535169	ElecPkwy Signal Interco	Highway	BR-65 5/13	40,000.00					40,000.00
535170	Willis Ave over CSX	Highway	BR-65 5/13	25,000.00	25,000.00	292,500.00		7,500.00	300,000.00
535171	Otisco Valley Rd Bridge	Highway	BR-80 5/14	0.00		50,000.00			50,000.00
535172	Old Rte 5 & Warners Paving Design	Highway	BR-80 5/14	0.00				100,000.00	100,000.00
535173	Fremont Butternut Creek-Design	Highway	BR-80 5/14	0.00				120,000.00	120,000.00
535174	Electronics Pky Paving Design	Highway	BR-80 5/14	0.00				126,000.00	126,000.00
535175	John Glenn & Kirkville Rd Paving	Highway	BR-80 5/14	0.00				140,000.00	140,000.00
535176	Morgan @ Ver Plank Safety Design	Highway	BR-80 5/14	0.00				40,000.00	40,000.00
535177	Taft Rd 2R Paving Design	Highway	BR-80 5/14	0.00				150,000.00	150,000.00
535178	Bridge Maint Ph II-Design	Highway	BR-80 5/14	0.00				50,000.00	50,000.00
535179	Old Rt 57 2R Paving Design	Highway	BR-80 5/14	0.00				84,000.00	84,000.00
535180	Tully Farms Rd Bridge Design	Highway	BR-80 5/14	0.00				50,000.00	50,000.00
535250	Morgan Rd/E. Waterhouse RD	Highway	111-5/08	0.00					0.00
535253	TSM '09-Traffic Signal Upgrades	Highway	BR-77 & 78 5/5/09	0.00					0.00
535254	TSM '09-Hopkins Rd @ Buckley	Highway	BR-77 & 78 5/5/09	0.00					0.00
535255	TSM '09-Carrier Site Access	Highway	BR-77 & 78 5/5/09	50,000.00					50,000.00
535256	TSM '10-Traffic Signal Upgrades	Highway	BR-88 5/10	325,000.00	150,000.00				175,000.00
535257	TSM-Allen/Bear Rd Traffic Study	Highway	BR-88 5/10- 81 5/12	463,000.00	463,000.00				0.00
535258	TSM '12-Traffic Design	Highway	BR-81 5/12	100,000.00					100,000.00
535260	Traffic Engineering & Traffic Counts	Highway	BR-80 5/14	0.00				100,000.00	100,000.00
535275	Cold Mix-Mulch '08	Highway	111-5/08	0.00					0.00
535276	Cold Mix-Mulch '09	Highway	Br-77 & 78 5/5/09	0.00					0.00
535277	Cold Mix-Mulch '10	Highway	BR-88 5/10	0.00					0.00
535278	Cold Mix-Mulch '11	Highway	BR-401 5/11	0.00					0.00
535279	Cold Mix-Mulch '12	Highway	BR-81 5/12	0.00					0.00
535280	Cold Mix-Mulch '13	Highway	BR-65 5/13	701,000.00	701,000.00				0.00
535281	Cold Mix Bituminous Reconstruction	Highway	BR-80 5/14	0.00				820,500.00	820,500.00
535290	Misc 2013 Paving	Highway	BR-65 5/13	2,372,000.00	2,372,000.00				0.00
535325	Bridges '08	Highway	110-5/08	0.00					0.00
535326	Bridges '09	Highway	BR-77 5/5/09	0.00					0.00
535327	Bridges '10	Highway	BR-88 5/10	0.00					0.00
535328	Bridges '11	Highway	BR-400 5/11	0.00					0.00
535329	Bridges '12	Highway	BR-80 5/12	1,500,000.00	1,500,000.00				0.00
535330	Bridges '13	Highway	BR-65 5/13	800,000.00	400,000.00				400,000.00

Subsid Acct	Subsidiary Account Title	Department	Auth Reso Number and Date	Balance	2014 Borrowings	EFC, Adjustments & Closed Proj	Loan Forgiveness	2014 Authorizations	4/28/2015 Balance
535331	Bridges '14	Highway	BR-80 5/14	0.00				800,000.00	800,000.00
535350	Repaving '08	Highway	111-5/08	0.00					0.00
535351	Repaving '09	Highway	BR-77 & 78 5/5/09	0.00					0.00
535352	Repaving '10	Highway	BR-88 5/10	0.00					0.00
535353	Repaving '11	Highway	BR-401 5/11	0.00					0.00
535354	Repaving '12	Highway	BR-81 5/12	0.00					0.00
535355	Repaving '13	Highway	BR-65 5/13	1,149,317.00	1,149,317.00				0.00
535356	Hot Mix Bituminous Paving	Highway	BR-80 5/14	0.00				1,711,000.00	1,711,000.00
535476	Facilities Environ Improvements	Highway	09-2/09	0.00					0.00
535478	Buckley Morgan Land Acq&Dsgn	Highway	BR-175 9/09	239,000.00	239,000.00				0.00
535481	Heavy Equipment Purchase	Highway	BR-234 10/10	0.00					0.00
535484	Replace No Area & Camillus Mtce. Facil.	Highway	BR-035 3/13	1,500,000.00	1,500,000.00				0.00
536238	Jamesville Bldg Const	Highway	363-12/4/00, 310-12/3/01	0.00					0.00
536245	North Area Salt Shed '06	Highway	114-3/06	0.00					0.00
536506	Velasko Rd-Safety Design	Highway	BR-80 5/14	0.00				10,000.00	10,000.00
536509	Factory at Lemoyne-Construction	Highway	BR88-5/10- 81 5/12	0.00					0.00
536511	E. Taft Rd. Construction	Highway	111-5/08	0.00					0.00
536513	Morgan/Liverpool Bypass	Highway	111-5/08	0.00					0.00
536514	Patcher Truck	Highway	BR-508 10/11	0.00					0.00
551518	E-911 Upgrades	Emer Comm	125-6/7/05	0.00					0.00
551519	E-911 Microwave Trans Net	Emer Comm	37-3/06	0.00					0.00
551520	Interoperable Communication Sys	Emer Comm	248-12/07	0.00					0.00
551521	Computer Aided Dispatch Refresh	Emer Comm	BR-509 10/11	100,000.00		(100,000.00)			0.00
551525	Furniture Consoles & Carpeting	Emer Comm	BR-91 6/4/13	648,840.00	648,840.00				0.00
551526	Main Center HVAC System Replace	Emer Comm	BR-217 12/14	0.00				350,000.00	350,000.00
551560	Correctional Facility Various Imp	Corrections	BR-63 3/08	0.00					0.00
552343	Hillbrook Renovation	Hillbrook	143-7/5/05	0.00					0.00
552498	Special Opertions Facility Replacement	Sheriff	BR-185 11/12	100,000.00	100,000.00				0.00
552499	Behavioral Health Unit @ Justice Center	Sheriff	BR-173 11/12	100,000.00					100,000.00
561848	Applied Tech Center	OCC	148-06/06/94	0.00					0.00
561860	OCC Master Plan	OCC	04-1/5/04	0.00					0.00
561861	OCC facilities Master Plan	OCC	215-11/1/05	0.00					0.00
561862	OCC Indoor Sports Arena	OCC	172-8/08	0.00					0.00
561863	OCC Mawhinney Hall	OCC	172-8/08	0.00					0.00
561864	OCC All Purpose Field	OCC	172-8/08	0.00					0.00
561865	OCC HPE Building Renov & Exp	OCC	172-8/08	0.00					0.00
561866	OCC Site Improvements	OCC	172-8/08	0.00					0.00
561867	OCC Science Labs	OCC	172-8/08	0.00					0.00
561868	OCC Other Improvements	OCC	172-8/08	0.00					0.00
561870	Ferrante Hall Add & Renov	OCC	171-9/09	430,000.00	430,000.00				0.00
561871	Site Improvements	OCC	105-6/12	196,340.00	196,135.00				205.00
561872	Technology Improvements	OCC	105-6/12	145,000.00	100,205.00				44,795.00
561873	Campus Wide Energy Projects	OCC	105-6/12	115,000.00	115,000.00				0.00

Subsid Acct	Subsidiary Account Title	Department	Auth Reso Number and Date	Balance	2014 Borrowings	EFC, Adjustments & Closed Proj	Loan Forgiveness	2014 Authorizations	4/28/2015 Balance
561874	Athletic Fields	OCC	105-6/12	312,500.00	312,500.00				0.00
562130	OCPL Int. Library System	Library	321-12/19/06	0.00					0.00
562133	OCPL Galleries Roof	Library	233-10/14/08	732,900.00		(732,900.00)			0.00
562136	Branches Comp Infrastructure	Library	198-10/09	2,064.00		(2,064.00)			0.00
562137	Central Library Reconfiguration	Library	BR-494-10/11	2,500,000.00					2,500,000.00
575086	Eastern Branch Pipeline	MWB	190-9/2/2003, 104-5/3/05	0.00					0.00
575090	Terminal Reservoir Tanks	MWB	BR412-5/11	14,291,869.00	3,920,582.00				10,371,287.00
575104	Comp Energy & Asset Renewal	MWB	BR590 12/11	11,500,000.00					11,500,000.00
587301	Trunk Sewer Imp	WEP	103-5/2/1994	0.00					0.00
587354	Oak Orchard	WEP	147-6/1/98	0.00					0.00
587372	Syr & Geddes Conv Sys Imp	WEP	160-06/04/01	0.00					0.00
587373	Wetzel Rd WWTP	WEP	300-11/05/01, br146-8/1/06, 78-5/13	302.00					302.00
587375	Metro Screen Eval & Repair	WEP	BR 81 4/5/2005	0.00					0.00
587383	Env Lab & Flow Control	WEP	BR 75 4/1/02, BR 292 12/6/02	0.00					0.00
587384	L'pool Pump Station Imp	WEP	Budget letter 5/7/02	0.00					0.00
587385	B'ville/Seneca Knolls WWTP	WEP	Budget letter 5/7/02	0.00					0.00
587390	M'Brook Limestone WTP Imp	WEP	BR 48 & 49 3/1/05	0.00					0.00
587394	Metro LLPS Replacement	WEP	BR 247 11/8/06	0.00					0.00
587398	Biosolids Handling Imp	WEP	BR144-07/2004	213,852.00		(213,852.00)			0.00
587510	M'Brook Drainage District	WEP	BR 286 - 12/20/05	0.00					0.00
587521	Pump Station Improvements	WEP	BR 45 3/6/07	0.00					0.00
587532	Trunk Sewer Force Main Proj	WEP	BR 88 5/1/07	0.00					0.00
587539	Bear Trap Ley Creek Drainage	WEP	BR-93 5/10	0.00					0.00
587554	Digester Cleaning & Repairs	WEP	BR-51 3/10	170,000.00	170,000.00				0.00
587563	Westside Pumping Station Service Area	WEP	BR-230 12/14	0.00				1,300,000.00	1,300,000.00
587583	Purchase of Heavy Equipment	WEP	BR-524 11/11	0.00					0.00
587584	Electronics Park Trunk Sewer	WEP	BR-526 11/11	8,750,000.00	2,996,236.00				5,753,764.00
587585	Metro WWTP Grit Handling	WEP	BR-528 11/11	2,600,000.00	1,830,000.00				770,000.00
587586	Oak Orchard	WEP	BR-530 11/11	10,905,000.00					10,905,000.00
587592	Ley Creek Pump Station	WEP	BR-230 12/14	0.00				4,980,000.00	4,980,000.00
587597	Suburban Green Infrastructure Imp	WEP	BR-115 7/12, BR-135 9/13	2,000,000.00					2,000,000.00
587598	Oneida Lake PS	WEP	BR-230 12/12	1,400,000.00					1,400,000.00
587599	Metro WWTP Bypass Treatment	WEP	BR-227 12/12	19,400,000.00	100,000.00				19,300,000.00
587600	Metro WWTP Primary Pump Replace	WEP	BR-225 12/12	1,500,000.00	300,000.00				1,200,000.00
587601	Metro WWTP Phos Treatment Sys	WEP	BR-223 12/12	2,540,000.00	102,000.00				2,438,000.00
587608	Hiawatha Trunk Sewer Service Area Imp	WEP	BR-286 12/14	0.00				4,500,000.00	4,500,000.00
587614	Baldwinsville Seneca Knolls WWTP	WEP	BR-226 12/14	0.00				3,400,000.00	3,400,000.00
587946	LP Newell St RTF	WEP	61-3/2/98	0.00					0.00
587947	LP Metro Digital	WEP	61-3/2/98	0.00					0.00
587948	LP ACJ Midland Ave	WEP	64-3/98, 354-12/00, 51-3/08, 248-12/13	31,937,611.00	461,972.00				31,475,639.00
587949	LPACJ Maltbie/Teall/Harborbrook	WEP	64-3/2/98	0.00					0.00
587950	LP ACJ Onondaga Creek	WEP	64-3/2/98	0.00					0.00
587951	LP ACJ Franklin	WEP	64-3/2/98, 217-8/6/2001	0.00					0.00

Subsid Acct	Subsidiary Account Title	Department	Auth Reso Number and Date	Balance	2014 Borrowings	EFC, Adjustments & Closed Proj	Loan Forgiveness	2014 Authorizations	4/28/2015 Balance
587952	LP ACJ Oxygenation Demo	WEP	64-3/2/98	0.00					0.00
587953	LP ACJ Kirkpatrick	WEP	64-3/2/98, 103-5/6/02	0.00					0.00
587956	LPACJ West St	WEP	171-7/6/98,29-3/1/99	0.00					0.00
587958	LP ACJ Erie Blvd	WEP	164-7/6/99	0.00					0.00
587959	LP ACJ Harbor Brook In Water	WEP	164-7/6/99, 114-6/09,291-12/10, 388-4/11	44,299,898.00	63,272,690.00	33,135,277.52	11,765,901.00		2,396,584.52
587960	LP ACJ Clinton St RTF	WEP	231-9/7/99, 90 5/1/07, 387-4/11, 247-12/13	83,257,658.00	66,994,224.00	15,161,127.69			31,424,561.69
587961	LP ACJ Full Scale Amm/Phosp	WEP	370-12/20/99	0.00					0.00
587962	LP ACJ Phos Removal Pilot	WEP	370-12/20/99	0.00					0.00
587963	LP ACJ Sewer Separation	WEP	358-12/4/00, 116-6/09, 148-6/10	4,050,354.00	700,000.00				3,350,354.00
587964	LP Lake Partnership - Fed	WEP	358-12/4/01	0.00					0.00
587968	Sanitary Dist Imp	WEP	18-2/3/03	0.00					0.00
587979	Midland WWTP Mitigation Costs	WEP	BR-53 3/08	0.00					0.00
588609	J'ville Pen Sewer Pump Station	WEP	241-09/04/01	0.00					0.00
TOTAL				282,323,270.00	163,600,968.00	47,246,818.21	11,765,901.00	74,443,741.00	228,646,960.21

*Adjusments include amts that were reduced for BANS in error and for other revenue received and serial bond budgets that were moved among projects.

Serial Bonds	34,800,000.00
EFC Loans	128,800,968.00
	<u>163,600,968.00</u>

Exhibit B
Cost of Issuance of Onondaga County General Obligation bonds

	<u>6/13 GO</u>	<u>6/12 Refunding</u>	<u>6/12 GO</u>	<u>6/11 Refunding</u>	<u>6/10 GO</u>	<u>12/09 Refunding</u>	<u>2/09 GO</u>	<u>12/07 GO</u>	<u>11/6 GO</u>	<u>8/05 GO</u>	<u>Total</u>
<u>Rating Agencies</u>											
Moody's	28,000	7,552	26,500	17,000	14,300	15,600	21,500	8,500	15,750	8,500	163,202
Fitch	25,000	6,554	23,000	17,000	13,000	12,000	15,000	9,500	11,500	8,000	140,554
S&P	33,000	7,124	25,000	15,000	19,380	16,200	20,000	13,500	14,000	12,400	175,604
Orrick - attorney fee	44,825	32,000	42,230	36,300	57,225	30,275	52,130	31,575	35,845	29,955	392,360
Bond Buyer (Source Media)	1,045		1,005	1,005	2,010	2,500	1,005	948	920	1,000	11,438
IPREO / I-Deal LLC			1,500	1,500	1,500	1,500		1,500	1,500	1,500	10,500
verification agent						3,700					3,700
Syracuse Newspapers	103		112	101	198		91	81	83	82	850
Total Variable	131,973	53,230	119,347	87,906	107,613	81,775	109,726	65,604	79,598	61,437	898,208
<u>Fixed Costs</u>											
Fiscal Advisors	48,935	9,850	41,700	35,000	42,500	29,900	32,500	21,500	23,500	23,500	308,885
Internet											-
Printing	1,658	1,500	1,553	1,529	1,330	2,434	2,788	3,736	3,635	4,294	24,457
TMD (new in 2013)	2,000										2,000
Total fixed costs	52,593	11,350	43,253	36,529	43,830	32,334	35,288	25,236	27,135	27,794	335,342
<u>Other</u>											
GFA				45,000	57,983		88,000	88,000	88,000	88,000	454,983
Grand Total Costs	\$ 184,566	\$ 64,580	\$ 162,599	\$ 169,436	\$ 209,427	\$ 114,109	\$ 233,014	\$ 178,840	\$ 194,734	\$ 177,231	\$ 1,688,533
Bond Amount	\$ 67,870,000	\$ 20,615,000	\$ 51,425,000	\$ 33,755,000	\$ 53,625,000	\$ 33,345,000	\$ 61,725,000	\$ 25,600,000	\$ 35,000,000	\$ 28,000,000	410,960,000

Exhibit C - EFC Administratin Fees

ANNUAL ADMINISTRATION FEES
EFC Loans

Year	1998B	2000A	2001A	2001B	2002A	2002G	2002G	2003A	2003F	2004 D	2005A	2005B	2006C	2007D	2008A&B	2010C	2011C	2012B	2012E	2014D	Total		
2013	5,187	1,512	10,012	2,636	2,492	5,412	8,322	1,350	6,387	15,437	26,237	8,900	92,450	80,699	3,400	6,550	35,800	18,516	6,834		338,133	2013	
2014	4,362	1,337	8,837	2,362	2,058	4,850	7,906	1,198	6,024	14,262	24,075	8,225	89,074	76,949	3,212	6,236	34,162	28,486	9,838		333,453	2014	
2015	3,525	1,162	7,636	2,074	1,818	4,286	7,486	1,050	5,200	17,938	21,862	7,537	85,650	73,125	3,025	5,924	32,512	27,400	9,400	350,816	669,426	2015	
2016	2,662	975	6,424	1,786	1,576	3,712	7,056	898	4,586	11,860	19,612	6,837	82,174	69,224	2,837	5,600	30,824	26,262	8,962	304,620	598,487	2016	
2017	1,787	787	5,187	1,498	1,324	3,124	6,614	750	3,962	10,622	17,325	6,137	78,650	65,262	2,650	5,274	29,062	25,112	8,524	295,732	569,383	2017	
2018	900	600	3,937	1,212	1,070	2,524	6,161	598	3,324	9,374	14,987	5,425	75,075	61,224	2,450	4,936	27,262	23,950	8,074	286,684	539,767	2018	
2019		400	2,649	912	818	1,912	5,697	450	2,674	8,112	12,600	4,687	71,450	57,125	2,250	4,600	25,400	22,762	7,612	277,460	509,570	2019	
2020		200	1,337	610	552	1,286	5,204	298	2,024	6,822	10,175	3,937	67,775	52,937	2,050	4,262	23,500	21,550	7,150	268,098	479,767	2020	
2021				310	276	650	4,701	148	1,362	5,510	7,700	3,175	64,050	48,687	1,837	3,900	21,562	20,286	6,662	258,596	449,412	2021	
2022							4,184		686	4,174	5,175	2,400	60,262	44,375	1,625	3,536	19,586	19,000	6,162	248,960	420,125	2022	
2023										3,647	2,810	2,612	1,612	56,437	39,987	1,412	3,174	17,562	17,686	5,650	239,170	391,759	2023
2024										3,099	1,410		812	52,562	35,537	1,187	2,800	15,500	16,350	5,124	229,232	363,613	2024
2025										2,518				48,624	31,025	962	2,412	13,412	14,986	4,586	219,146	337,671	2025
2026										1,919				44,637	26,412	725	2,024	11,274	13,600	4,036	208,946	313,573	2026
2027										1,302				40,587	21,900	487	1,636	9,100	12,186	3,486	198,582	289,266	2027
2028										671				36,750	19,587	250	1,236	6,886	10,750	2,936	188,108	267,174	2028
2029														32,862	17,237		824	4,636	9,286	2,374	177,486	244,705	2029
2030														28,925	14,862		412	2,336	7,800	1,800	166,684	222,819	2030
2031														24,937	12,462				6,286	1,212	155,746	200,643	2031
2032														20,900	10,025				4,750	612	144,670	180,957	2032
2033														16,812	7,562				3,186		133,472	161,032	2033
2034														12,675	5,075				1,612		122,108	141,470	2034
2035														8,500	2,550						110,596	121,646	2035
2036														4,275							98,934	103,209	2036
2037																					87,108	87,108	2037
2038																					75,146	75,146	2038
2039																					63,046	63,046	2039
2040																					50,734	50,734	2040
2041																					38,258	38,258	2041
2042																					25,636	25,636	2042
2043																					12,882	12,882	2043
	18,423	6,973	46,019	13,400	11,984	27,756	76,487	6,740	36,229	108,331	162,360	59,684	1,196,093	873,828	30,359	65,336	360,376	351,802	111,034	5,036,656	8,599,870		

Exhibit D - Serial Bonds Schedule of Principal Payments

Issue #/Project#	Project Description	Departments	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
590																										
512705	Justice Center 1993	Sheriff	3,000	3,000																						
Total			3,000	3,000																						
672																										
512705-003	Justice Center 1994	Sheriff	950,000																							
Total			950,000																							
700																										
512575-002	Energy Performance Contract	Facilities	525,000	525,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
512575-003	Energy Iniat-Motor Speed Drives	Facilities	125,000	125,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
575086-001	Eastern Branch Pipeline ex	Metro Water Board	125,000	125,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587375-001	Screen Machines ex	WEP	134,000	159,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587395-001	Ley Creek Demolition ex	WEP	130,000	130,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587962-001	Phosphorus Removal Phase 2 ex	WEP	100,000	105,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587963-001	Sewer Separation ex	WEP	26,000	26,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587964-001	Sewer Separation ex	WEP	25,000	30,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			1,190,000	1,225,000																						
720																										
512575-006	Energy Performance Initiatives	Facilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
512578-001	Courthouse Renovation	Facilities	150,000	150,000	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535010-016	2003 Highways	Transportation	90,000	90,000	90,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535010-018	2001 Bridges	Transportation	15,000	15,000	15,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535010-019	2004 Highways - Syr-Dewitt Rd	Transportation	51,131	51,131	51,131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535012-001	2006 Highways - Thompson Rd	Transportation	8,683	9,530	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535021-001	2006 Bridges	Transportation	60,000	60,000	60,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535025-003	2002 Highways	Transportation	12,000	12,000	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535030-011	2004 Highways - Traffic Sys Mgmt	Transportation	17,608	17,608	17,608	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535041-001	2006 Highways - Paving	Transportation	54,658	59,991	59,991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535055-013	2004 Highways - Cold Mix	Transportation	15,863	15,863	15,863	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535056-001	2006 Highways - Cold Mix	Transportation	141,659	155,479	155,479	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535070-012	2004 Highways - Maint Reconstr	Transportation	85,398	85,398	85,398	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
536245-001	North Area Salt Shed	Transportation	40,000	40,000	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
551518-001	E911 CAD/RMS	E911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
551519-001	E911 Microwave Equipment	E911	250,000	250,000	275,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
552343-001	Hillbrook	Hillbrook	250,000	260,000	260,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
561860-001	OCC Master Plan	OCC	60,000	60,000	60,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
561861-001	OCC Master Plan Phase II	OCC	175,000	175,000	175,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
575086-001	Eastern Branch Pipeline ex	Metro Water Board	25,000	25,000	25,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587375-001	Screen Machines ex	WEP	120,000	120,000	120,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587390-001	Meadowbrook/Limestone ex (Sewer)	WEP	178,000	198,000	198,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			1,800,000	1,850,000	1,875,000																					
730																										
512578-001	Courthouse Renovation	Facilities	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000
522695-001	Alliance Bank Stadium Natural Grass	Parks	125,000	125,000	125,000	125,000	125,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535057-001	2007 Highways - Cold Mix	Transportation	80,000	90,000	90,000	90,000	90,000	100,000	100,000	100,000	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
551518-001	E911 CAD/RMS	E911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
551519-001	E911 Microwave Equipment	E911	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
552343-001	Hillbrook	Hillbrook	50,000	50,000	50,000	50,000	50,000	50,000	50,000	60,000	60,000	60,000	60,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000
561861-001	OCC Master Plan Phase II	OCC	225,000	215,000	210,000	210,000	310,000	300,000	280,000	280,000	260,000	300,000	290,000	290,000	310,000	310,000	310,000	310,000	310,000	310,000	310,000	310,000	310,000	310,000	310,000	310,000
562130-001	Integrated Library System	On Comm Pub Lib	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587384-001	L'pool Pump Station Improvements ex	WEP	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
587390-001	Meadowbrook/Limestone ex (Sewer)	WEP	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
587394-001	Metro LLPS Replacement ex	WEP	100,000	100,000	100,000	100,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000
587510-001	Meadowbrook Culvert Repair DD (not)	WEP	120,000	120,000	120,000	120,000	120,000	120,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000
587521-001	Pump Station Improvements ex	WEP	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000
587532-001	Trunk Sewer ex	WEP	220,000	220,000	215,000	215,000	220,000	220,000	220,000	220,000	220,000	220,000	220,000	220,000	220,000	220,000	220,000	220,000	220,000	220,000	220,000	220,000	220,000	220,000	220,000	220,000
587959-001	Harbor Brook In Water Treatment ex	WEP	20,000	20,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
587960-001	Trolley Lot/Clinton St Conveyances ex	WEP	100,000	100,000	100,000	100,000																				

Exhibit D - Serial Bonds Schedule of Principal Payments

Issue #/Project#	Project Description	Departments	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037		
770																												
512581-001	OnCenter Rehab/Renovation (160911)	OnCenter	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000									
512585-001	BOE Building	BOE	41,000	41,000	42,000	43,000	48,000	48,000	48,000	53,000	-	-	-	-	-	-	-	-	-									
522692-001	Parks Pratts Falls Recovery	Parks	2,570	3,210	3,210	3,850	3,850	3,850	3,850	3,850	3,850	3,850	-	-	-	-	-	-	-									
522697-001	Parks - Elephants - 20 years	Parks	181,460	214,310	234,310	272,170	272,170	272,170	272,170	272,170	272,170	272,170	-	-	-	-	-	-	-									
522701-001	Parks - Oneida - 15 years	Parks	29,760	37,210	37,210	44,650	44,650	44,650	44,650	44,650	44,650	44,650	-	-	-	-	-	-	-									
522702-001	Parks - Playground - 15 years	Parks	6,670	8,330	8,330	10,000	10,000	10,000	10,000	10,000	10,000	10,000	-	-	-	-	-	-	-									
522703-001	Parks - Boat Launch - 15 years	Parks	16,930	21,170	21,170	25,400	25,400	25,400	25,400	25,400	25,400	25,400	-	-	-	-	-	-	-									
522704-001	Parks - Pratts - 15 years	Parks	3,330	4,170	4,170	5,000	5,000	5,000	5,000	5,000	5,000	5,000	-	-	-	-	-	-	-									
522706-001	Parks - Project Manager - 15 years	Parks	2,670	3,330	3,330	4,000	4,000	4,000	4,000	4,000	4,000	4,000	-	-	-	-	-	-	-									
522707-001	Parks - OLP - 15 years	Parks	1,430	1,790	1,790	2,150	2,150	2,150	2,150	2,150	2,150	2,150	-	-	-	-	-	-	-									
522707-002	PFT 2-Parks - OLP	Parks	5,180	6,480	6,480	7,780	7,780	7,780	7,780	7,780	7,780	7,780	-	-	-	-	-	-	-									
535012-001	2006 Highways - Thompson Rd	Transportation	255,320	269,910	284,510	322,510	326,020	335,060	335,060	349,100	183,730	84,210	84,210	-	-	-	-	-	-									
535024-002	Warners Rd Bridge Construction	Transportation	620	620	620	730	770	770	770	930	930	930	930	-	-	-	-	-	-									
535028-001	Bridges 2007	Transportation	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000	20,000	20,000									
535032-001	TSM 2007	Transportation	3,680	4,090	4,490	4,630	4,630	4,630	4,630	4,630	-	-	-	-	-	-	-	-	-									
535155-001	2010 Bridge Painting	Transportation	14,350	14,350	14,350	17,050	17,950	17,950	17,950	21,520	21,520	21,520	21,520	-	-	-	-	-	-									
535156-001	Fremont Rd Bridge/CSX Design	Transportation	8,890	8,890	8,890	10,560	11,110	11,110	11,110	13,340	13,340	13,340	13,340	-	-	-	-	-	-									
535250-001	Morgan/Waterhouse	Transportation	7,140	7,140	7,140	9,520	9,520	10,480	10,480	10,480	10,480	10,480	-	-	-	-	-	-	-									
535277-001	Highway 2009 - Cold Mulch	Transportation	57,200	69,920	69,920	69,920	82,630	84,750	84,750	84,750	84,750	84,750	84,750	84,750	-	-	-	-	-									
535278-001	Cold Mix-Mulch '11	Transportation	111,100	126,660	122,210	144,430	144,430	136,440	144,430	144,430	147,990	166,660	166,660	166,660	166,660	-	-	-	-									
535325-001	Bridges 2008	Transportation	15,000	15,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000									
535326-001	Bridges 2009	Transportation	25,000	25,000	25,000	25,000	25,000	25,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000									
535352-001	Highway 2010 - Repaving	Transportation	77,800	95,080	95,080	95,080	112,370	115,250	115,250	115,250	115,250	115,250	115,250	-	-	-	-	-	-									
535353-001	Bridges '11	Transportation	138,900	158,340	152,790	180,570	180,570	170,560	180,570	180,570	185,010	208,340	208,340	208,340	208,340	-	-	-	-	-								
535481-001	Heavy Equipment Purchases	Transportation	110,000	130,000	135,000	135,000	155,000	160,000	160,000	160,000	-	-	-	-	-	-	-	-	-									
561862-001	OCC - Indoor Sports Arena	OCC	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	45,000	50,000	50,000	50,000	60,000	60,000	60,000	60,000	60,000									
561866-001	OCC - Site Improvements	OCC	73,210	73,210	73,210	73,210	77,880	77,880	77,880	77,880	77,880	77,880	101,240	102,800	102,800	109,030	109,030	109,030	109,030									
561867-001	OCC Science Labs	OCC	20,790	20,790	20,790	20,790	22,120	22,120	22,120	22,120	22,120	28,760	29,200	29,200	30,970	30,970	30,970	30,970	30,970									
561870-001	OCC - Ferrante & Gordon Halls	OCC	250,000	250,000	244,000	243,000	222,000	220,000	247,000	267,000	277,000	290,000	305,000	283,000	338,000	330,000	330,000	330,000	330,000									
562136-001	Library -Branches Comp Infrastructure	On Comm Pub Lib	20,000	20,000	25,000	25,000	30,000	30,000	30,000	-	-	-	-	-	-	-	-	-	-									
587532-001	Trunk Sewer ex	WEP	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	40,000	45,000	45,000	45,000	45,000	45,000									
587554-001	Digester Cleaning & Repairs	WEP	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	85,000	95,000	95,000	95,000	95,000	95,000	95,000	95,000	95,000									
587960-001	Trolley Lot/Clinton St Conveyances ex	WEP	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000	20,000	20,000									
592674-001	PeopleSoft	IT	630,000	680,000	750,000	450,000	450,000	450,000	500,000	500,000	-	-	-	-	-	-	-	-	-									
Total			2,325,000	2,525,000	2,625,000	2,475,000	2,525,000	2,525,000	2,625,000	2,625,000	1,975,000	1,875,000	1,450,000	1,450,000	1,200,000	825,000	825,000	825,000	825,000									
780																												
512588-001	Justice Center Roof Replacement	Facilities	50,100	49,600	49,600	49,600	49,600	58,700	62,000	62,000	62,000	62,000	62,000	62,000	74,400	74,400	74,400	74,400	74,400	74,400	74,400	74,400	74,400	74,400	74,400	74,400	74,400	
512589-001	CC Window System Replacement	Facilities	147,400	144,600	144,600	144,600	144,600	171,100	180,800	180,800	180,800	180,800	180,800	180,800	216,900	216,900	216,900	216,900	216,900	216,900	216,900	216,900	216,900	216,900	216,900	216,900	216,900	
512591-001	CC Office&Masonry Improvements	Facilities	49,300	48,600	48,600	48,600	48,600	57,500	60,700	60,700	60,700	60,700	60,700	60,700	72,800	72,800	72,800	72,800	72,800	72,800	72,800	72,800	72,800	72,800	72,800	72,800	72,800	
512592-001	Downtown Campus Various Imp	Facilities	58,379	57,200	57,200	57,200	57,200	67,700	71,500	71,500	71,500	71,500	71,500	71,500	85,900	85,900	85,900	85,900	85,900	85,900	85,900	85,900	85,900	85,900	85,900	85,900	85,900	
522707-001	Parks - OLP - 15 years	Parks	24,250	24,000	24,000	24,000	26,000	30,000	30,000	36,000	36,000	36,000	-	-	-	-	-	-	-									
522719-001	2010 Parks Roofs	Parks	16,090	16,000	16,000	16,000	16,000	16,000	16,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000									
522721-001	Parks Imp & Maintenance	Parks	56,700	58,300	58,300	58,300	58,300	66,700	63,700	79,700	80,000	80,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000									
522722-001	Parks Roads/Parking/Trail Paving	Parks	113,300	116,700	116,700	116,700	116,700	133,300	127,300	159,300	160,000	160,000	170,000	170,000	170,000	170,000	170,000	170,000	170,000									
535010-019	2004 Highways - Syr-Dewitt Rd	Transportation	522,321	533,300	19,200	19,200	19,200	23,100	23,400	23,400	23,400	23,400	28,200	28,200	28,200	28,200	28,200	28,200	28,200									
535013-001	Fly Rd. Phase 1 Design 2007																											

Exhibit D - Serial Bonds Schedule of Principal Payments

Issue #/Project#	Project Description	Departments	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	
780																											
535353-001	Bridges '11	Transportation	147,191	146,900	146,900	146,900	146,900	146,900	157,800	193,200	193,200	217,700	217,700	217,700	217,700	-	-	-	-	-	-	-	-	-	-	-	
535354-001	Repaving 2012	Transportation	117,700	118,000	118,000	118,000	118,000	141,900	143,800	143,800	143,800	143,800	173,300	173,300	173,300	173,300	-	-	-	-	-	-	-	-	-	-	
536509-002	Factory Leymoynne Construction	Transportation	4,400	5,000	5,000	5,000	5,000	5,000	5,800	5,800	6,500	7,500	7,500	7,500	-	-	-	-	-	-	-	-	-	-	-	-	
536511-002	E. Taft Rd. Construction 2008	Transportation	2,200	2,100	2,100	2,100	2,600	2,600	2,600	2,600	3,000	3,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
536513-001	Morgan/Liverpool Bypass 2008	Transportation	3,300	3,300	3,300	3,300	4,200	4,200	4,200	4,200	4,900	5,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
536513-002	Morgan/Liverpool Bypass 2008	Transportation	10,400	10,200	10,200	10,200	12,800	12,800	12,800	12,800	14,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
551521-001	CAD Equipment	E911	120,000	140,000	160,000	180,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
561865-001	OCC - Building Construc. & Reconstruct	OCC	60,409	60,000	60,000	60,000	68,000	75,000	75,000	75,000	75,000	75,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	-	-	-	-	-	-	-	
562136-001	Library -Branches Comp Infrastructure	On Comm Pub Lib	210,000	220,000	240,000	260,000	265,000	305,000	305,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
575090-001	Terminal Reservoir Tanks	Metro Water Board	281,131	279,000	269,000	274,000	283,000	273,000	268,000	268,000	349,000	353,000	358,000	319,000	361,000	343,000	344,000	344,000	344,000	344,000	349,000	349,000	400,000	400,000	400,000	400,000	400,000
587539	Bear Trap Ley Creek Drainage	WEP	14,000	14,000	14,000	14,000	14,000	14,000	14,000	18,000	18,000	18,000	18,000	18,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	-	-	-	-	-
587554	Digester Cleaning & Repairs ex	WEP	60,000	60,000	60,000	60,000	60,000	60,000	65,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	90,000	90,000	90,000	90,000	90,000	-	-	-	-	-	-
587583	Purchase of Heavy Equipment	WEP	24,237	24,000	24,000	24,000	24,000	24,000	24,000	28,000	36,000	36,000	36,000	36,000	36,000	36,000	-	-	-	-	-	-	-	-	-	-	
587584	Electronics Park Trunk Sewer	WEP	52,000	52,000	52,000	52,000	52,000	52,000	65,000	65,000	67,000	78,000	78,000	78,000	78,000	78,000	78,000	78,000	78,000	78,000	78,000	-	-	-	-	-	-
587585	Metro WWTP Grit Handling	WEP	126,000	126,000	126,000	126,000	126,000	157,000	157,000	157,000	157,000	157,000	157,000	157,000	174,000	188,000	188,000	188,000	188,000	188,000	188,000	-	-	-	-	-	-
587948-001	Midland (other Green) ex	WEP	14,800	14,000	14,000	14,000	14,000	14,000	14,000	17,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	-	-	-	-	-	-
587959-001	Harbor Brook In Water Treatment ex	WEP	10,000	10,000	10,000	10,000	10,000	13,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	-	-	-	-	-	-
587960-001	Trolley Lot/Clinton St Conveyances ex	WEP	160,900	161,100	161,100	161,100	161,100	161,100	196,800	196,800	196,800	196,800	196,800	241,600	241,600	241,600	241,600	241,600	241,600	241,600	241,600	-	-	-	-	-	-
587960-002	Green Improvement Clinton ex	WEP	19,100	18,900	18,900	18,900	18,900	18,900	23,200	23,200	23,200	23,200	23,200	28,400	28,400	28,400	28,400	28,400	28,400	28,400	-	-	-	-	-	-	-
592661-001	Hotel Land Acquisition/Site Prep	OnCenter	18,076	18,000	18,000	18,000	18,000	18,000	22,000	27,000	27,000	27,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
592674-001	PeopleSoft	IT	402,416	400,000	400,000	460,000	500,000	575,000	575,000	575,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total			3,500,000	3,550,000	3,000,000	3,125,000	2,900,000	3,200,000	3,300,000	3,150,000	2,675,000	2,700,000	2,750,000	2,750,000	2,825,000	2,425,000	1,675,000	1,675,000	1,675,000	1,275,000	1,275,000	400,000	400,000	400,000	400,000	400,000	
790																											
512558-004	Courthouse-New Construction	Facilities	79,000	79,000	78,000	78,000	82,000	77,000	75,000	79,000	78,000	71,000	60,000	-	-	-	-	-	-	-	-	-	-	-	-	-	
512558-005	Courthouse-Renovation	Facilities	148,000	148,000	147,000	147,000	145,000	124,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
512569-001	County Office Building Façade	Facilities	25,000	25,000	24,000	24,000	24,000	23,000	22,000	22,000	22,000	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
512570-001	County Office Bldg Improvements	Facilities	15,000	14,000	14,000	19,000	19,000	19,000	18,000	21,000	19,000	19,000	19,000	20,000	-	-	-	-	-	-	-	-	-	-	-	-	
535010-018	2001 Bridges	Transportation	85,000	89,000	93,000	93,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
535010-535070	Highway Various Projects 2002	Transportation	493,000	467,000	462,000	440,000	472,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
535010-535866	Highway Various Projects 2003	Transportation	404,000	422,000	440,000	440,000	410,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
535020-037	H'way - Bridges (2002)	Transportation	74,000	49,000	49,000	49,000	48,000	41,000	50,000	49,000	49,000	48,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
535020-040	H'way - Bridges (2003)	Transportation	54,000	59,000	59,000	59,000	58,000	59,000	58,000	57,000	57,000	51,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
535020-044	Highway-Bridges-2004	Transportation	63,000	67,000	66,000	62,000	71,000	71,000	64,000	63,000	56,000	56,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
535040-029	Highway Projects 2004	Transportation	291,000	286,000	284,000	299,000	304,000	304,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
535060-007	H'way (1996) Right-of-way	Transportation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
536238-002	Jamesville H'way Garage	Transportation	223,000	221,000	220,000	220,000	241,000	225,000	221,000	220,000	218,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
561860-001	OCC Master Plan	OCC	136,000	129,000	128,000	137,000	147,000	147,000	143,000	169,000	167,000	169,000	167,000	158,000	-	-	-	-	-	-	-	-	-	-	-	-	
586424-001	M'brook Drainage District	WEP	26,000	28,000	28,000	29,000	30,000	25,000	27,000	26,000	26,000	24,000	21,000	-	-	-	-	-	-	-	-	-	-	-	-	-	
586426-001	Bloody Brook Drainage District Imp	WEP	67,000	67,000	66,000	66,000	67,000	67,000	65,000	79,000	73,000	75,000	73,000	74,000	-	-	-	-	-	-	-	-	-	-	-	-	
587301-001	Trunk Sewer Improvements ex	WEP	34,000	33,000	33,000	33,000	33,000	33,000	32,000	37,000	32,000	33,000	32,000	33,000	-	-	-	-	-	-	-	-	-	-	-	-	
587354-001	Oak Orchard Wastewater Trmt Plant	WEP	8,000	8,000	8,000	8,000	8,000	7,000	7,000	7,000	7,000	6,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	
587372-001	Syr/Geddes Conveyance System ex	WEP	10,000	10,000	10,000	10,000	10,000	9,000	9,000	10,000	10,000	9,000	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	
587383-001	Land for Lab/Flow Control ex	WEP	79,000	79,000	78,000	78,000	87,000	81,000	80,000	79,000	78,000	71,000	60,000	-	-	-	-	-	-	-	-	-	-	-	-	-	
587383-002	Sheriff's Substation Construction ex	WEP	24,000	24,000	24,000	24,000	24,000	24,000	23,000	26,000	23,000	23,000	23,000	-	-	-	-	-	-	-	-	-	-	-	-	-	
592661-001	Hotel Land Acquisition/Site Prep	OnCenter	72,000	86,000	64,000	85,000	75,000	49,000	71,000	66,000	65,000	55,000	47,000	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total			2,410,000	2,390,000																							

Exhibit D - Serial Bonds Schedule of Principal Payments

Issue #/Project#	Project Description	Departments	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	
800																											
535280-001	Cold mix Mulch 2013	Transportation	-	40,000	40,000	40,000	45,000	45,000	45,000	45,000	45,000	60,000	60,000	60,000	60,000	60,000	55,000	-	-	-	-	-	-	-	-	-	
535327-001	Bridges '10	Transportation	-	40,000	40,000	40,000	40,000	40,000	40,000	40,000	45,000	50,000	50,000	50,000	50,000	50,000	60,000	60,000	60,000	60,000	60,000	-	-	-	-	-	
535328-001	Bridges '11	Transportation	-	40,000	40,000	40,000	40,000	40,000	40,000	50,000	50,000	50,000	50,000	50,000	50,000	60,000	60,000	60,000	60,000	60,000	-	-	-	-	-	-	
535354-001	Repaving 2012	Transportation	-	200,000	200,000	205,000	220,000	220,000	250,000	250,000	265,000	265,000	280,000	280,000	300,000	295,000	-	-	-	-	-	-	-	-	-	-	
535355-001	Repaving 2013	Transportation	-	45,683	45,000	45,000	50,000	55,000	55,000	55,000	55,000	65,000	65,000	65,000	65,000	70,000	-	-	-	-	-	-	-	-	-	-	
536509-002	Factory Leymoynne Construction	Transportation	-	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2,000	2,000	2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	
551560-001	Correction Roof	Corrections	-	9,100	10,000	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
552498-001	Special Opertions Facility Replacemen	Sheriff	-	60,000	70,000	80,000	90,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
552499-001	Behavioral Health Unit @ Justice Cent	Sheriff	-	80,000	90,000	110,000	120,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
561870-001	OCC - Ferrante & Gordon Halls	OCC	-	165,000	165,000	175,000	180,000	180,000	200,000	200,000	200,000	200,000	225,000	225,000	225,000	240,000	240,000	240,000	240,000	-	-	-	-	-	-	-	
561871-001	Site Improvements - Fire Alarm	OCC	-	75,000	75,000	80,000	80,000	90,000	90,000	100,000	105,000	105,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
561872-001	Technology Improvements	OCC	-	70,000	80,000	95,000	105,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
561873-001	Campus Wide Energy Projects	OCC	-	20,000	20,000	20,000	25,000	25,000	25,000	30,000	30,000	30,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
561874-001	Athletic Fields	OCC	-	125,000	125,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	180,000	180,000	180,000	180,000	180,000	-	-	-	-	-	-	-	-	-	
562136-001	Library -Branches Comp Infrastructure	On Comm Pub Lib	-	32,936	35,000	40,000	45,000	45,000	45,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
562137-001	Central Library Reconfiguration	On Comm Pub Lib	-	115,000	115,000	125,000	125,000	125,000	125,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000	160,000	160,000	160,000	170,000	170,000	170,000	170,000	170,000	170,000	170,000	
575090-003	Terminal Reservoir Tanks	Metro Water Board	-	515,000	510,000	505,000	505,000	555,000	545,000	555,000	590,000	610,000	610,000	635,000	640,000	640,000	635,000	645,000	710,000	705,000	745,000	745,000	740,000	740,000	740,000	740,000	
575104-001	Comp Energy & Asset Renewal	Metro Water Board	-	100,000	100,000	100,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	
587373-001	Wetzel Rd. WWTP Upgrade ex	WEP	-	260,000	270,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	350,000	350,000	350,000	350,000	350,000	380,000	380,000	380,000	380,000	380,000	380,000	380,000	
587586-001	Oak Orchard ex	WEP	-	65,000	65,000	65,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	
587597-001	Suburban Green Infrastructure Imp ex	WEP	-	600,000	700,000	800,000	900,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
587598-001	Oneida Lake PS ex (not yet)	WEP	-	120,000	140,000	160,000	180,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
587599-001	Metro WWTP Bypass Treatment ex (n	WEP	-	35,000	35,000	35,000	35,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	
587600-001	Metro WWTP Primary Pump Replace	WEP	-	85,000	85,000	85,000	85,000	100,000	100,000	100,000	100,000	100,000	110,000	110,000	110,000	110,000	110,000	110,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	
587601-001	Metro WWTP Phos Treatment Sys ex	WEP	-	60,000	70,000	80,000	90,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
587948-002	Midland - Green Improvement ex	WEP	-	40,000	40,000	40,000	50,000	50,000	50,000	60,000	60,000	60,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
587959-002	Green Improvement Harborbook ex	WEP	-	60,000	60,000	60,000	70,000	70,000	75,000	75,000	90,000	90,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
587960-002	Green Improvement Clinton ex	WEP	-	200,000	200,000	200,000	225,000	225,000	225,000	250,000	250,000	250,000	250,000	250,000	275,000	275,000	275,000	275,000	275,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	
592674-001	PeopleSoft	IT	-	115,000	120,000	130,000	145,000	150,000	170,000	170,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
592675-001	IT Phone System	IT	-	200,000	200,000	200,000	225,000	225,000	275,000	275,000	300,000	300,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
592676-001	IT PC's	IT	-	147,396	160,000	200,000	220,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total			-	4,560,000	4,760,000	5,125,000	5,500,000	3,800,000	4,025,000	4,075,000	4,025,000	4,100,000	3,300,000	3,400,000	3,475,000	3,500,000	2,750,000	2,400,000	2,450,000	2,250,000	2,250,000	2,125,000					
810																											
512589-001	CC Window System Replacement	Facilities	-	-	213,200	213,200	213,200	213,200	235,300	242,600	242,600	242,600	242,600	272,100	272,100	272,100	272,100	272,100	316,200	316,200	316,200	316,200	316,200	316,200	316,200	316,200	
512590-001	Ed Kochian COB Rehab & Renov	Facilities	-	-	76,800	76,800	76,800	76,800	84,700	87,400	87,400	87,400	87,400	97,900	97,900	97,900	97,900	97,900	113,800	113,800	113,800	113,800	113,800	113,800	113,800	113,800	
512590-002	Ed Kochian COB Rehab & Renov	Facilities	-	-	30,000	30,000	30,000	30,000	30,000	35,000	35,000	35,000	35,000	35,000	40,000	40,000	40,000	40,000	40,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	
512595-001	Community Plaza Garage	Facilities	-	-	35,000	40,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
522721-001	Parks Imp & Maintenance	Parks	-	-	22,551	22,551	22,551	24,431	26,310	26,310	28,190	30,069	30,069	31,948	33,827	33,827	-	-	-	-	-	-	-	-	-	-	
522722-001	Parks Roads/Parking/Trail Paving	Parks	-	-	66,047	66,047	66,047	71,551	77,054	77,054	82,558	88,062	88,062	93,566	99,070	99,070	-	-	-	-	-	-	-	-	-	-	
522723-001	PARKS MAIN OFFICE ENVIRONMENTA	Parks	-	-	1,531	1,531	1,531	1,659	1,786	1,786	1,914	2,042	2,042	2,169	2,297	2,297	-	-	-	-	-	-	-	-	-	-	
522724-001	Zoo Preventive Maintenance	Parks	-	-	29,871	29,871	29,871	32,359	34,850	34,850	37,338	39,827	39,827	42,317	44,806	44,806	-	-	-	-	-	-	-	-	-	-	
535012-001	2006 Highways - Thompson Rd	Transportation	-	-	230,767	260,000	275,000	275,000	300,000	300,000	325,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
535031-001	Traffic Systems Mgmt '06	Transportation	-	-	20,000	20,000	25,000	25,000	30,000	30,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
535070-001	MAINTENANCE RECONSTRUCTION	Transportation	-	-	11,500	11,400	11,400	11,400	11,400	14,300	14,300	14,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
535150-001	VELASKO RD-CONSTRUCTION	Transportation	-	-	17,200	17,300	18,200	18,200	18,200	20,900	20,900	12,500	13,700	6,000	6,000	-	-	-	-	-	-	-	-	-	-	-	
535150-002	VELASKO RD-ROW	Transportation	-	-	2,700																						

Exhibit D - Serial Bonds Schedule of Principal Payments

Issue #/Project#	Project Description	Departments	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
810																										
535484-001	532309 Replace No Area & Camil	Transportation	-	-	300,000	350,000	400,000	450,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
551525-001	305045 Furn Consoles & Carpet	E911	-	-	135,840	147,000	171,000	195,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
552498-001	Special Opertions Facility Replacemen	Sheriff	-	-	30,000	30,000	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
561870-001	OCC - Ferrante & Gordon Halls	OCC	-	-	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	25,000	25,000	25,000	25,000	30,000	30,000	30,000	-	-	-
561871-001	Site Improvements - Fire Alarm	OCC	-	-	21,135	20,000	20,000	25,000	25,000	25,000	30,000	30,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
561872-001	Technology Improvements	OCC	-	-	30,205	35,000	35,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
561873-001	Campus Wide Energy Projects	OCC	-	-	10,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
561874-001	Athletic Fields	OCC	-	-	22,500	25,000	25,000	21,000	25,000	25,000	25,000	27,000	27,000	30,000	30,000	30,000	-	-	-	-	-	-	-	-	-	-
575090-003	Terminal Reservoir Tanks	Metro Water Board	-	-	178,582	160,000	187,000	183,000	208,000	202,000	192,000	198,000	231,000	196,000	195,000	195,000	215,000	240,000	225,000	225,000	230,000	230,000	230,000	230,000	-	-
587554-001	Digester Cleaning & Repairs	WEP	-	-	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	5,000	5,000	5,000	5,000	-	-
587585-001	480087 METRO WWTP INC GRIT HAN	WEP	-	-	80,000	80,000	80,000	80,000	90,000	90,000	90,000	90,000	90,000	100,000	90,000	90,000	100,000	100,000	100,000	120,000	120,000	120,000	120,000	120,000	-	-
587599-001	Metro WWTP Bypass Treatment ex	WEP	-	-	10,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	-	-
587600-001	Metro WWTP Primary Pump Replace	WEP	-	-	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	-	-	-
587601-001	Metro WWTP Phos Treatment Sys ex	WEP	-	-	27,000	35,000	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587948-001	Midland (other Green) ex	WEP	-	-	10,304	10,000	10,000	10,000	10,000	10,000	10,000	10,000	14,000	15,000	-	-	-	-	-	-	-	-	-	-	-	-
587959-001	Harbor Brook In Water Treatment ex	WEP	-	-	25,974	26,000	26,000	31,600	31,600	37,100	39,000	39,000	39,000	-	-	-	-	-	-	-	-	-	-	-	-	-
587959-002	Green Improvement Harborbrook ex	WEP	-	-	44,300	44,000	44,000	53,400	53,400	62,900	66,000	66,000	66,000	-	-	-	-	-	-	-	-	-	-	-	-	-
587960-001	Trolley Lot/Clinton St Conveyances ex	WEP	-	-	96,872	96,800	108,600	112,400	130,600	134,700	137,500	145,200	145,200	-	-	-	-	-	-	-	-	-	-	-	-	-
587960-002	Green Improvement Clinton ex	WEP	-	-	255,704	255,200	286,400	296,600	344,400	355,300	362,500	382,800	382,800	-	-	-	-	-	-	-	-	-	-	-	-	-
587963-001	Sewer Separation ex	WEP	-	-	30,000	30,000	30,000	30,000	30,000	30,000	35,000	35,000	35,000	-	-	-	-	35,000	40,000	40,000	40,000	40,000	40,000	40,000	45,000	45,000
Total			-	-	2,600,000	2,700,000	2,900,000	2,850,000	2,350,000	2,400,000	2,475,000	2,200,000	2,175,000	1,550,000	1,575,000	1,575,000	1,325,000	950,000	1,000,000	1,025,000	1,050,000	1,050,000	1,050,000	1,050,000		
811																										
575086-001	Eastern Branch Pipeline ex	Metro Water Board	83,800	1,400	94,400	138,700	137,100	135,200	136,100	156,800	157,800	158,100	161,600	161,800	160,600	-	-	-	-	-	-	-	-	-	-	-
587962-001	Phosphorus Removal Phase 2 ex	WEP	67,100	1,200	98,300	109,900	99,800	98,400	94,900	124,500	126,000	108,600	133,500	129,000	132,300	-	-	-	-	-	-	-	-	-	-	-
587963-001	Sewer Separation ex	WEP	16,800	300	22,700	26,400	26,000	25,700	25,900	25,800	26,100	30,400	31,100	31,100	30,900	-	-	-	-	-	-	-	-	-	-	-
587964-001	Sewer Separation ex	WEP	17,400	300	19,700	26,400	26,000	25,700	30,200	30,100	30,400	30,400	32,000	32,900	32,600	-	-	-	-	-	-	-	-	-	-	-
587375-001	Screen Machines ex	WEP	89,900	1,800	89,900	252,800	253,400	236,600	291,900	256,600	255,300	269,500	285,300	280,600	280,200	-	-	-	-	-	-	-	-	-	-	-
512578-001	Courthouse Renovation	Facilities	-	-	-	168,600	166,400	164,900	164,300	164,100	161,000	162,400	163,100	164,500	166,000	-	-	-	-	-	-	-	-	-	-	-
535010-018	2001 Bridges	Transportation	-	-	-	14,500	14,300	14,100	14,100	18,800	18,400	18,600	18,600	18,800	19,000	-	-	-	-	-	-	-	-	-	-	-
535025-003	2002 Highways	Transportation	-	-	-	11,600	11,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535010-016	2003 Highways	Transportation	-	-	-	96,400	95,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
535030-004	532309 TRAFFIC SYSTEMS MGMT-19	Transportation	-	-	-	183,100	180,600	179,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535030-006	532309 TRAFFIC SYSTEMS MGMT 19	Transportation	-	-	-	240,900	237,700	259,100	258,200	258,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535021-001	2006 Bridges	Transportation	-	-	-	57,800	66,500	65,900	65,700	73,600	74,200	74,600	75,200	75,800	-	-	-	-	-	-	-	-	-	-	-	-
561860-001	OCC Master Plan	OCC	-	-	-	57,800	57,000	56,500	56,300	56,300	55,200	55,700	65,200	65,800	66,400	-	-	-	-	-	-	-	-	-	-	-
561861-001	OCC Master Plan Phase II	OCC	-	-	-	168,600	166,400	164,900	187,800	187,600	184,000	185,600	186,400	188,000	189,600	-	-	-	-	-	-	-	-	-	-	-
587390-001	Meadowbrook/Limestone ex (Sewer)	WEP	-	-	-	176,300	169,200	202,600	230,000	201,700	225,400	227,400	228,300	239,700	241,700	-	-	-	-	-	-	-	-	-	-	-
551519-001	E911 Microwave Equipment	E911	-	-	-	265,000	261,400	282,600	281,700	281,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
552343-001	Hillbrook	Hillbrook	-	-	-	260,200	256,700	263,800	262,900	262,600	266,800	269,100	270,300	272,600	274,900	-	-	-	-	-	-	-	-	-	-	-
Total			275,000	5,000	325,000	2,255,000	2,225,000	2,175,000	2,100,000	2,090,000	1,580,000	1,590,000	1,650,000	1,660,000	1,670,000											
Complete Total			26,773,000	30,608,000	30,275,000	30,240,000	29,785,000	27,195,000	24,100,000	23,855,000	21,740,000	21,160,000	18,645,000	16,295,000	14,715,000	11,750,000	9,175,000	8,250,000	7,180,000	4,550,000	4,575,000	3,575,000	1,450,000	400,000	400,000	400,000

Principal payment for 2014 are \$26,773,000

Exhibit E - Serial Bonds Net Interest Payment Schedule

sue #/Project	Project Description	Departments	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
590																										
512705	Justice Center 1993	Sheriff	225	75																						
Total			225	75																						
672																										
512705-003	Justice Center 1994	Sheriff	17,813																							
Total			17,813																							
700																										
512575-002	Energy Performance Contract	Facilities	31,500	10,500																						
512575-003	Energy Iniat-Motor Speed Drives	Facilities	7,500	2,500																						
575086-001	Eastern Branch Pipeline ex	Metro Water Board	38,562	2,500																						
587375-001	Screen Machines ex	WEP	43,568	3,180																						
587395-001	Ley Creek Demolition ex	WEP	7,800	2,600																						
587962-001	Phosphorus Removal Phase 2 ex	WEP	35,841	2,100																						
587963-001	Sewer Separation ex	WEP	8,751	600																						
587964-001	Sewer Separation ex	WEP	8,831	520																						
Total			182,353	24,500																						
720																										
512575-006	Energy Performance Initiatives	Facilities	-	-	-																					
512578-001	Courthouse Renovation	Facilities	52,406	11,250	3,750																					
535010-016	2003 Highways	Transportation	14,450	6,750	2,250																					
535010-018	2001 Bridges	Transportation	5,344	1,125	375																					
535010-019	2004 Highways - Syr-Dewitt Rd	Transportation	9,372	3,838	1,279																					
535012-001	2006 Highways - Thompson Rd	Transportation	2,196	709	236																					
535021-001	2006 Bridges	Transportation	21,763	4,500	1,500																					
535025-003	2002 Highways	Transportation	1,875	900	300																					
535030-011	2004 Highways - Traffic Sys Mgmt	Transportation	3,238	1,326	442																					
535041-001	2006 Highways - Paving	Transportation	13,957	4,506	1,502																					
535055-013	2004 Highways - Cold Mix	Transportation	2,896	1,186	395																					
535056-001	2006 Highways - Cold Mix	Transportation	36,122	11,661	3,887																					
535070-012	2004 Highways - Maint Reconst	Transportation	15,631	6,401	2,134																					
536245-001	North Area Salt Shed	Transportation	4,700	3,000	1,000																					
551518-001	E911 CAD/RMS	E911	-	-	-																					
551519-001	E911 Microwave Equipment	E911	59,281	20,000	6,875																					
552343-001	Hillbrook	Hillbrook	86,638	19,500	6,500																					
561860-001	OCC Master Plan	OCC	19,575	4,500	1,500																					
561861-001	OCC Master Plan Phase II	OCC	58,844	13,125	4,375																					
575086-001	Eastern Branch Pipeline ex	Metro Water Board	8,900	1,875	625																					
587375-001	Screen Machines ex	WEP	41,344	9,000	3,000																					
587390-001	Meadowbrook/Limestone ex (Sewer)	WEP	68,313	14,850	4,950																					
Total			526,844	140,000	46,875																					
730																										
512578-001	Courthouse Renovation	Facilities	65,550	59,550	53,550	47,550	41,550	36,150	31,350	26,550	21,750	16,950	12,150	7,350	2,475	-										
522695-001	Alliance Bank Stadium Natural Grass	Parks	21,875	15,625	9,375	3,125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535057-001	2007 Highways - Cold Mix	Transportation	36,000	31,750	27,250	22,750	18,250	14,000	10,000	6,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
551518-001	E911 CAD/RMS	E911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
551519-001	E911 Microwave Equipment	E911	27,600	23,600	19,600	15,600	11,600	8,000	4,800	1,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
552343-001	Hillbrook	Hillbrook	31,338	28,838	26,338	23,838	21,338	19,088	16,888	14,488	12,088	9,688	7,088	4,288	1,444	-										
561861-001	OCC Master Plan Phase II	OCC	145,663	134,663	124,038	113,538	100,538	86,788	75,188	63,988	53,188	41,988	30,188	18,588	6,394	-										
562130-001	Integrated Library System	On Comm Pub Lib	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587384-001	L'pool Pump Station Improvements ex	WEP	15,150	13,650	12,150	10,650	9,150	7,800	6,600	5,400	4,200	3,000	1,800	600	-	-										
587390-001	Meadowbrook/Limestone ex (Sewer)	WEP	16,388	14,888	13,388	11,888	10,388	9,038	7,838	6,638	5,438	4,238	3,038	1,838	619	-										
587394-001	Metro LLPS Replacement ex	WEP	62,875	57,875	52,875	47,875	42,625	37,675	33,275	28,875	24,475	20,075	15,675	11,275	6,806	2,269										
587510-001	Meadowbrook Culvert Repair DD (not ex)	WEP	73,725	67,725	61,725	55,725	49,725	44,325	39,325	34,125	28,925	23,725	18,525	13,325	8,044	2,681										
587521-001	Pump Station Improvements ex	WEP	31,400	28,900	26,400	23,900	21,400	19,150	17,150	15,150	13,150	10,950	8,550	6,150	3,713	1,238										
587532-001	Trunk Sewer ex	WEP	128,750	117,750	106,875	96,125	85,250	75,350	66,550	57,750	48,950	40,150	31,350	22,550	13,406	4,331										
587959-001	Harbor Brook In Water Treatment ex	WEP	16,875	15,875	14,625	13,125	11,625	10,275	9,075	7,875	6,675	5,475	4,275	3,075	1,856	619										
587960-001	Trolley Lot/Clinton St Conveyances ex	WEP	62,875	57,875	52,875	47,875	42,625	37,675	33,275	28,875	24,475	20,075	15,675	11,275	6,806	2,269										
Total			736,063	668,563	601,063	533,563	466,063	405,313	351,313	297,313	245,313	196,313	148,313	100,313	51,563	13,406										

Exhibit E - Serial Bonds Net Interest Payment Schedule

sue #/Project	Project Description	Departments	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
780																										
535353-001	Bridges '11	Transportation	83,453	79,042	73,900	68,024	62,148	56,272	49,389	40,614	30,954	22,859	16,328	9,797	3,266	-	-	-	-	-	-	-	-	-	-	-
535354-001	Repaving 2012	Transportation	71,822	68,286	64,156	59,436	54,716	49,518	43,085	35,895	28,705	22,953	18,197	12,998	7,799	2,600	-	-	-	-	-	-	-	-	-	-
536509-002	Factory Leymoynne Construction	Transportation	2,596	2,455	2,280	2,080	1,880	1,680	1,435	1,145	838	563	338	113	-	-	-	-	-	-	-	-	-	-	-	-
536511-002	E. Taft Rd. Construction 2008	Transportation	975	911	837	753	659	555	438	308	168	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
536513-001	Morgan/Liverpool Bypass 2008	Transportation	1,567	1,468	1,352	1,220	1,070	902	713	503	276	77	-	-	-	-	-	-	-	-	-	-	-	-	-	-
536513-002	Morgan/Liverpool Bypass 2008	Transportation	4,789	4,480	4,123	3,715	3,255	2,743	2,167	1,527	835	231	-	-	-	-	-	-	-	-	-	-	-	-	-	-
551521-001	CAD Equipment	E911	19,600	15,700	10,400	3,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
561865-001	OCC - Building Construc. & Reconstruc.	OCC	45,626	43,820	41,720	39,320	36,760	33,900	30,525	26,775	23,025	20,025	17,550	14,850	12,150	9,450	6,750	4,050	1,350	-	-	-	-	-	-	-
562136-001	Library -Branches Comp Infrastructure	On Comm Pub Lib	67,800	61,350	53,250	43,250	32,750	21,350	7,625	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
575090-001	Terminal Reservoir Tanks	Metro Water Board	274,962	266,560	256,995	246,135	234,995	223,875	211,715	198,315	182,890	168,870	158,205	148,050	137,850	127,290	116,985	106,665	96,345	85,514	74,171	62,000	48,750	35,000	21,000	7,000
587539	Bear Trap Ley Creek Drainage	WEP	11,505	11,085	10,595	10,035	9,475	8,915	8,285	7,485	6,585	5,865	5,325	4,785	4,200	3,570	2,940	2,310	1,680	1,024	341	-	-	-	-	-
587554	Digester Cleaning & Repairs ex	WEP	48,250	46,450	44,350	41,950	39,550	37,150	34,325	30,825	27,075	24,075	21,825	19,575	17,325	15,075	12,600	9,900	7,200	4,388	1,463	-	-	-	-	-
587583	Purchase of Heavy Equipment	WEP	14,724	14,000	13,160	12,200	11,240	10,280	9,200	7,900	6,300	4,860	3,780	2,700	1,620	540	-	-	-	-	-	-	-	-	-	-
587584	Electronics Park Trunk Sewer	WEP	42,830	41,270	39,450	37,370	35,290	33,210	30,870	27,945	24,695	22,095	20,115	17,940	15,600	13,260	10,920	8,580	6,240	3,803	1,268	-	-	-	-	-
587585	Metro WWTP Grit Handling	WEP	103,820	100,040	95,630	90,590	85,550	79,890	72,825	64,975	57,125	50,845	46,135	41,425	36,715	31,750	26,320	20,680	15,040	9,165	3,055	-	-	-	-	-
587948-001	Midland (other Green) ex	WEP	11,537	11,105	10,615	10,055	9,495	8,935	8,305	7,605	6,830	6,090	5,460	4,830	4,200	3,570	2,940	2,310	1,680	1,024	341	-	-	-	-	-
587959-001	Harbor Brook In Water Treatment ex	WEP	8,995	8,695	8,345	7,945	7,545	7,085	6,450	5,700	4,950	4,350	3,900	3,450	3,000	2,550	2,100	1,650	1,200	731	244	-	-	-	-	-
587960-001	Trolley Lot/Clinton St Conveyances ex	WEP	117,839	113,009	107,370	100,926	94,482	88,038	79,896	70,056	60,216	52,344	46,440	39,864	32,616	25,368	18,120	10,872	3,624	-	-	-	-	-	-	-
587960-002	Green Improvement Clinton ex	WEP	13,862	13,292	12,630	11,874	11,118	10,362	9,404	8,244	7,084	6,156	5,460	4,686	3,834	2,982	2,130	1,278	426	-	-	-	-	-	-	-
592661-001	Hotel Land Acquisition/Site Prep	OnCenter	9,111	8,570	7,940	7,220	6,500	5,780	4,870	3,645	2,295	1,215	405	-	-	-	-	-	-	-	-	-	-	-	-	-
592674-001	PeopleSoft	IT	152,936	140,900	126,900	109,700	90,500	69,000	43,125	14,375	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			1,809,875	1,704,125	1,590,875	1,468,375	1,347,875	1,225,875	1,079,375	918,125	772,500	665,125	583,375	500,875	417,250	338,500	277,000	226,750	176,500	130,656	89,219	62,000	48,750	35,000	21,000	7,000
790																										
512558-004	Courthouse-New Construction	Facilities	31,205	28,835	26,090	22,970	19,770	16,205	12,405	9,740	7,000	3,275	750	-	-	-	-	-	-	-	-	-	-	-	-	-
512558-005	Courthouse-Renovation	Facilities	30,420	25,980	20,820	14,940	9,100	3,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
512569-001	County Office Building Façade	Facilities	8,795	8,045	7,190	6,230	5,270	4,215	3,090	2,320	1,550	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
512570-001	County Office Bldg Improvements	Facilities	8,423	7,988	7,498	6,838	6,078	5,223	4,298	3,428	2,533	1,583	829	275	-	-	-	-	-	-	-	-	-	-	-	-
535010-018	2001 Bridges	Transportation	11,385	8,775	5,580	1,860	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535010-5350	Highway Various Projects 2002	Transportation	76,365	61,965	45,720	27,680	9,440	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535010-5358	Highway Various Projects 2003	Transportation	70,320	57,930	42,800	25,200	8,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535020-037	H'way - Bridges (2002)	Transportation	18,800	16,955	15,240	13,280	11,340	9,355	7,080	5,340	3,625	1,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535020-040	H'way - Bridges (2003)	Transportation	22,010	20,315	18,250	15,890	13,550	10,915	7,990	5,970	3,975	1,275	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535020-044	Highway-Bridges-2004	Transportation	27,431	25,481	23,156	20,596	17,936	14,741	11,366	8,506	5,846	3,046	823	-	-	-	-	-	-	-	-	-	-	-	-	-
535040-029	Highway Projects 2004	Transportation	63,625	54,970	45,000	33,340	21,280	7,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535060-007	H'way (1996) Right-of-way	Transportation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
536238-002	Jamesville H'way Garage	Transportation	74,815	68,155	60,440	51,640	42,420	31,975	20,825	13,100	5,450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
561860-001	OCC Master Plan	OCC	69,703	65,728	61,233	55,933	50,253	43,638	36,388	29,433	21,878	13,478	6,799	2,173	-	-	-	-	-	-	-	-	-	-	-	-
586424-001	M'brook Drainage District	WEP	10,855	10,045	9,065	7,925	6,745	5,520	4,220	3,285	2,375	1,125	263	-	-	-	-	-	-	-	-	-	-	-	-	-
586426-001	Bloody Brook Drainage District Imp	WEP	32,316	30,306	27,981	25,341	22,681	19,666	16,366	13,161	9,756	6,056	3,108	1,018	-	-	-	-	-	-	-	-	-	-	-	-
587301-001	Trunk Sewer Improvements ex	WEP	15,288	14,283	13,128	11,808	10,488	9,003	7,378	5,838	4,298	2,673	1,378	454	-	-	-	-	-	-	-	-	-	-	-	-
587354-001	Oak Orchard Wastewater Trmt Plant ex	WEP	2,935	2,695	2,415	2,095	1,775	1,440	1,090	845	600	275	63	-	-	-	-	-	-	-	-	-	-	-	-	-
587372-001	Syr/Geddes Conveyance System ex	WEP	3,875	3,575	3,225	2,825	2,425	2,000	1,550	1,225	875	400	88	-	-	-	-	-	-	-	-	-	-	-	-	-
587383-001	Land for Lab/Flow Control ex	WEP	31,855	29,485	26,740	23,620	20,320	16,555	12,530	9,740	7,000	3,275	750	-	-	-	-	-	-	-	-	-	-	-	-	-
587383-002	Sheriff's Substation Construction ex	WEP	10,326	9,606	8,766	7,806	6,846	5,766	4,591	3,496	2,401	1,251	338	-	-	-	-	-	-	-	-	-	-	-	-	-
592661-001	Hotel Land Acquisition/Site Prep	OnCenter	27,115	24,745	22,175	19,195	15,995	13,270	10,270	7,835	5,550	2,550	588	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			647,863	575,863	492,513	397,013	301,913	220,188	161,438	123,263	84,713	41,963	15,775	3,919												
800																										
512581-001	OnCenter Rehab/Renovation (160911)	OnCenter	33,267	24,248	22,950	21,600	20,250	18,750	17,250	15,750	14,250	12,750	11,250													

Exhibit E - Serial Bonds Net Interest Payment Schedule

Line #/Project	Project Description	Departments	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
810																										
535484-001	532309 Replace No Area & Camil	Transportation	-	100,833	67,500	51,250	32,500	11,250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
551525-001	305045 Furn Consoles & Carpet	E911	-	43,616	29,046	21,975	14,025	4,875	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
552498-001	Special Operations Facility Replacement	Sheriff	-	6,722	4,250	2,750	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
561870-001	OCC - Ferrante & Gordon Halls	OCC	-	22,721	16,400	15,400	14,400	13,400	12,400	11,400	10,400	9,400	8,400	7,650	7,100	6,500	5,825	5,075	4,294	3,481	2,588	1,575	525	-	-	-
561871-001	Site Improvements - Fire Alarm	OCC	-	13,185	9,278	8,250	7,250	6,125	4,875	3,625	2,250	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-
561872-001	Technology Improvements	OCC	-	6,736	4,255	2,625	875	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
561873-001	Campus Wide Energy Projects	OCC	-	7,731	5,500	4,875	4,125	3,375	2,625	1,875	1,125	375	-	-	-	-	-	-	-	-	-	-	-	-	-	-
561874-001	Athletic Fields	OCC	-	18,385	13,113	11,925	10,675	9,525	8,375	7,125	5,875	4,575	-	-	-	-	-	-	-	-	-	-	-	-	-	-
575090-003	Terminal Reservoir Tanks	Metro Water Board	-	208,966	150,965	142,500	133,825	124,575	114,800	104,550	94,700	84,950	74,225	66,000	60,625	54,775	48,625	41,800	34,544	27,231	19,838	12,075	4,025	-	-	-
587554-001	Digester Cleaning & Repairs	WEP	-	9,344	6,700	6,200	5,700	5,200	4,700	4,200	3,700	3,200	2,700	2,325	2,050	1,750	1,450	1,150	838	594	431	263	88	-	-	-
587585-001	480087 METRO WWTP INC GRIT HAN	WEP	-	96,598	69,850	65,850	61,850	57,850	53,600	49,100	44,600	40,100	35,600	32,100	29,500	26,800	23,950	20,950	17,825	14,250	10,350	6,300	2,100	-	-	-
587599-001	Metro WWTP Bypass Treatment ex	WEP	-	5,462	3,813	3,438	3,188	2,938	2,688	2,438	2,188	1,938	1,688	1,500	1,363	1,213	1,063	913	756	594	431	263	88	-	-	-
587600-001	Metro WWTP Primary Pump Replace ex	WEP	-	16,066	11,575	10,825	10,075	9,325	8,575	7,825	7,075	6,325	5,575	5,013	4,600	4,150	3,700	3,250	2,781	2,294	1,725	1,050	350	-	-	-
587601-001	Metro WWTP Phos Treatment Sys ex	WEP	-	6,857	4,425	2,875	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587948-001	Midland (other Green) ex	WEP	-	6,675	4,708	4,200	3,700	3,200	2,700	2,200	1,700	1,100	375	-	-	-	-	-	-	-	-	-	-	-	-	-
587959-001	Harbor Brook In Water Treatment ex	WEP	-	19,849	14,114	12,815	11,515	10,075	8,495	6,778	4,875	2,925	975	-	-	-	-	-	-	-	-	-	-	-	-	-
587959-002	Green Improvement Harborbook ex	WEP	-	33,611	23,893	21,685	19,485	17,050	14,380	11,473	8,250	4,950	1,650	-	-	-	-	-	-	-	-	-	-	-	-	-
587960-001	Trolley Lot/Clinton St Conveyances ex	WEP	-	74,474	52,972	48,130	42,995	37,470	31,395	24,763	17,958	10,890	3,630	-	-	-	-	-	-	-	-	-	-	-	-	-
587960-002	Green Improvement Clinton ex	WEP	-	196,403	139,693	126,920	113,380	98,805	82,780	65,288	47,343	28,710	9,570	-	-	-	-	-	-	-	-	-	-	-	-	-
587963-001	Sewer Separation ex	WEP	-	36,821	26,638	25,138	23,638	22,138	20,638	19,013	17,263	15,513	13,763	12,450	11,413	10,213	9,013	7,813	6,563	5,263	3,881	2,363	788	-	-	-
Total			-	2,026,666	1,442,438	1,309,938	1,169,938	1,026,188	896,188	777,438	655,563	538,688	429,313	355,563	312,563	265,313	221,813	187,688	157,188	124,281	90,563	55,125	18,375			
811																										
575086-001	Eastern Branch Pipeline ex	Metro Water Board	11,903	68,555	67,597	64,572	60,589	55,983	50,557	43,915	36,050	28,153	20,160	12,075	4,015	-	-	-	-	-	-	-	-	-	-	-
587962-001	Phosphorus Removal Phase 2 ex	WEP	9,290	53,471	52,476	49,845	46,812	43,459	39,593	34,583	28,320	22,455	16,403	9,840	3,308	-	-	-	-	-	-	-	-	-	-	-
587963-001	Sewer Separation ex	WEP	2,227	12,805	12,575	11,952	11,195	10,320	9,288	8,125	6,828	5,415	3,878	2,323	773	-	-	-	-	-	-	-	-	-	-	-
587964-001	Sewer Separation ex	WEP	2,358	13,567	13,367	12,774	12,017	11,142	10,024	8,668	7,155	5,635	4,075	2,453	815	-	-	-	-	-	-	-	-	-	-	-
587375-001	Screen Machines ex	WEP	20,463	118,947	118,030	113,339	106,031	97,783	87,213	74,960	62,163	49,043	35,173	21,025	7,005	-	-	-	-	-	-	-	-	-	-	-
512578-001	Courthouse Renovation	Facilities	12,184	71,905	71,905	69,376	64,535	58,925	52,341	44,953	36,825	28,740	20,603	12,413	4,150	-	-	-	-	-	-	-	-	-	-	-
535010-018	2001 Bridges	Transportation	1,283	7,570	7,570	7,352	6,936	6,456	5,892	5,140	4,210	3,285	2,355	1,420	475	-	-	-	-	-	-	-	-	-	-	-
535025-003	2002 Highways	Transportation	113	664	664	490	158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535010-016	2003 Highways	Transportation	937	5,531	5,531	4,085	1,320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535030-004	532309 TRAFFIC SYSTEMS MGMT-19	Transportation	2,993	17,665	17,665	14,918	9,666	3,580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535030-006	532309 TRAFFIC SYSTEMS MGMT 19	Transportation	8,034	47,415	47,415	43,802	36,890	28,410	18,064	6,450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
535021-001	2006 Bridges	Transportation	5,219	30,798	30,798	29,931	28,142	25,901	23,269	20,313	16,830	13,135	9,415	5,670	1,895	-	-	-	-	-	-	-	-	-	-	-
561860-001	OCC Master Plan	OCC	4,415	26,058	26,058	25,191	23,533	21,612	19,356	16,823	14,035	11,263	8,240	4,965	1,660	-	-	-	-	-	-	-	-	-	-	-
561861-001	OCC Master Plan Phase II	OCC	13,529	79,844	79,844	77,315	72,477	66,870	59,816	51,370	42,080	32,840	23,540	14,180	4,740	-	-	-	-	-	-	-	-	-	-	-
587390-001	Meadowbrook/Limestone ex (Sewer)	WEP	16,182	95,498	95,498	92,854	87,862	81,462	72,810	63,168	52,490	41,170	29,778	18,078	6,043	-	-	-	-	-	-	-	-	-	-	-
551519-001	E911 Microwave Equipment	E911	8,785	51,846	51,846	47,871	40,269	30,990	19,704	7,035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
552343-001	Hillbrook	Hillbrook	19,793	116,812	116,812	112,909	105,445	96,607	86,073	74,250	61,015	47,618	34,133	20,560	6,873	-	-	-	-	-	-	-	-	-	-	-
Total			139,707	818,950	815,650	778,575	713,875	639,500	554,000	459,750	368,000	288,750	207,750	125,000	41,750											
Complete Total			14,374,743	14,377,947	12,536,669	11,170,719	9,831,819	8,564,119	7,418,281	6,345,710	5,328,954	4,417,943	3,591,173	2,880,825	2,271,807	1,747,546	1,339,210	997,580	696,394	474,938	309,781	159,625	67,125	35,000	21,000	7,000

Interest payments for 2014 are \$14,374,743

Exhibit F - EFC Bonds Principal Payments by Project

Project #	Project Name	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
587301	TRUNK SEWER IMP	304,500	313,200	321,900	330,600	339,300	356,700	365,400	374,100	391,500	400,200	421,950	435,000	448,050	461,100	487,200
587341	PUMP STATIONS IMP	45,500	46,800	48,100	49,400	50,700	53,300	54,600	55,900	58,500	59,800	63,050	65,000	66,950	68,900	72,800
587351	BREWERTON/ROT SL DRUM THICK	80,000	80,000	80,000	80,000	85,000	85,000	85,000	90,000	-	-	-	-	-	-	-
587354	OAK ORCHARD WWTP PHASE I IMP	275,000	280,000	285,000	290,000	295,000	305,000	310,000	-	-	-	-	-	-	-	-
587372	SYR & GEDDES CONV SYS IMP BR 1	225,000	225,000	230,000	235,000	240,000	245,000	250,000	255,000	260,000	-	-	-	-	-	-
587373	WETZEL RD WWTP UPGRADE BR 300	1,285,000	1,305,000	1,325,000	1,340,000	1,360,000	1,380,000	1,400,000	1,420,000	1,435,000	1,455,000	1,475,000	1,495,000	1,515,000	1,535,000	1,555,000
587383	ENVIRON LAB & FLOW CONTROL	270,000	275,000	280,000	285,000	290,000	295,000	300,000	305,000	315,000	320,000	325,000	-	-	-	-
587384	L'POOL PUMP STATIONS IMPROVEME	270,000	275,000	280,000	280,000	285,000	295,000	300,000	305,000	310,000	315,000	320,000	325,000	-	-	-
587398	ACJ Biosolids Handling Impr Br	690,000	705,000	725,000	740,000	755,000	770,000	785,000	800,000	815,000	835,000	850,000	865,000	880,000	890,000	-
587584	ELECTRONICS PARK TRUNK SEWER	-	80,000	86,236	85,000	85,000	90,000	90,000	90,000	90,000	90,000	95,000	95,000	95,000	95,000	95,000
587944	MCP-AERATION SYS ENG BR 61-98	55,000	55,000	55,000	55,000	60,000	60,000	60,000	-	-	-	-	-	-	-	-
587947	MCP-COMP BASED PROC CONTR SYS	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	-	-	-	-	-	-	-
587948	ACJ MIDLAND AVE CONV ENG	1,200,177	1,245,000	1,257,668	1,275,000	1,300,000	1,321,000	1,356,000	1,375,000	1,396,000	1,416,000	1,436,000	1,457,000	1,482,000	1,502,000	1,522,000
587949	ACJ MALTBIE ST/TEALL & HARBOR	30,000	30,000	30,000	30,000	30,000	30,000	30,000	25,000	25,000	20,000	-	-	-	-	-
587951	ACJ FRANKLIN ST FCF	56,474	56,474	61,180	61,180	61,180	61,180	65,884	65,884	-	-	-	-	-	-	-
587953	ACJ KIRKPATRICK ST PS	215,000	220,000	225,000	230,000	235,000	240,000	240,000	245,000	250,000	255,000	-	-	-	-	-
587954	ACJ METRO IMPR PH PHOS REM/CHE	40,000	40,000	40,000	40,000	40,000	45,000	45,000	45,000	-	-	-	-	-	-	-
587955	ACJ SIPHON CROSSINGS	5,000	5,000	5,000	5,000	5,000	5,000	5,000	-	-	-	-	-	-	-	-
587956	ACJ WEST STREET SEWER SEPARATI	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	-	-	-	-	-	-	-
587958	ACJ ERIE BLVD STORAGE SYSTEM U	50,000	50,000	50,000	50,000	50,000	50,000	50,000	55,000	55,000	-	-	-	-	-	-
587959	INTERNET CONNECTIVITY	-	1,675,000	1,696,416	1,725,000	1,756,000	1,788,000	1,816,000	1,844,000	1,871,000	1,899,000	1,927,000	1,959,000	1,982,000	2,012,000	2,032,000
587960	ACJ CLINTON ST CONVEYANCES	655,000	2,340,000	2,390,648	2,440,000	2,489,000	2,546,000	2,588,000	2,631,000	2,673,000	2,725,000	2,767,000	2,804,000	2,846,000	2,896,000	2,936,000
587961	ACJ FULL SCALE AMMONIA/PHOS RE	865,000	885,000	900,000	915,000	935,000	955,000	970,000	990,000	1,010,000	1,025,000	1,045,000	-	-	-	-
587963	ACJ SEWER SEPARATION	505,953	510,000	510,000	530,000	535,000	535,000	565,000	575,000	580,000	595,000	610,000	620,000	635,000	475,000	490,000
587968	SANITARY DISTRICT IMP BR 18 2/	115,000	120,000	120,000	120,000	120,000	125,000	125,000	130,000	130,000	135,000	135,000	-	-	-	-
588510	HIAWATHA/SPRING ST CSO	145,000	145,000	150,000	150,000	155,000	155,000	160,000	-	-	-	-	-	-	-	-
588525	METRO ODOR CONTROL SYSTEM IMP	405,000	420,000	425,000	430,000	440,000	80,000	80,000	-	-	-	-	-	-	-	-
588609	J'VILLE PEN PUMP STA & CONV SY	90,000	90,000	95,000	95,000	95,000	95,000	100,000	100,000	100,000	105,000	105,000	-	-	-	-
Total		7,912,604	11,506,474	11,707,148	11,901,180	12,126,180	12,001,180	12,230,884	11,810,884	11,765,000	11,650,000	11,575,000	10,120,000	9,950,000	9,935,000	9,190,000

The principal payments for 2014 are reflected in column C of \$7,912,604.

Exhibit F - EFC Bonds Principal Payments by Project

Project #	Project Name	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
587301	TRUNK SEWER IMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587341	PUMP STATIONS IMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587351	BREWERTON/ROT SL C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587354	OAK ORCHARD WWTP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587372	SYR & GEDDES CONV S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587373	WETZEL RD WWTP UP	1,575,000	1,595,000	1,615,000	1,635,000	1,655,000	1,670,000	1,690,000	1,710,000	-	-	-	-	-	-	-	-
587383	ENVIRON LAB & FLOW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587384	L'POOL PUMP STATIOI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587398	ACJ Biosolids Handling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587584	ELECTRONICS PARK TR	95,000	100,000	100,000	100,000	100,000	105,000	105,000	105,000	110,000	110,000	110,000	115,000	120,000	120,000	120,000	120,000
587944	MCP-AERATION SYS EI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587947	MCP-COMP BASED PR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587948	ACJ MIDLAND AVE COI	1,547,000	1,568,000	1,587,000	1,612,000	1,627,000	1,653,000	1,023,000	1,033,000	13,000	13,000	14,000	14,000	14,000	14,000	15,000	15,000
587949	ACJ MALTBIE ST/TEALI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587951	ACJ FRANKLIN ST FCF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587953	ACJ KIRKPATRICK ST P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587954	ACJ METRO IMPR PH F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587955	ACJ SIPHON CROSSING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587956	ACJ WEST STREET SEW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587958	ACJ ERIE BLVD STORAC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587959	CONNECTIVITY	2,063,000	2,095,000	2,123,000	2,151,000	2,174,000	2,201,000	2,232,000	2,264,000	2,292,000	2,320,000	2,347,000	2,390,000	2,418,000	2,451,000	2,473,000	2,501,000
587960	ACJ CLINTON ST CONV	2,980,000	3,032,000	3,075,000	2,167,000	2,194,000	2,226,000	2,255,000	2,283,000	2,315,000	2,342,000	2,369,000	2,406,000	2,438,000	2,465,000	2,492,000	2,519,000
587961	ACJ FULL SCALE AMMK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587963	ACJ SEWER SEPARATIC	395,000	400,000	240,000	245,000	-	-	-	-	-	-	-	-	-	-	-	-
587968	SANITARY DISTRICT IV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
588510	HIAWATHA/SPRING ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
588525	METRO ODOR CONTRC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
588609	J'VILLE PEN PUMP STA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		8,655,000	8,790,000	8,740,000	7,910,000	7,750,000	7,855,000	7,305,000	7,395,000	4,730,000	4,785,000	4,840,000	4,925,000	4,990,000	5,050,000	5,100,000	5,155,000

Exhibit G - EFC bonds gross interest outstanding as of 2014 by project

Project #	Project Name	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
587301	TRUNK SEWER IMP	201,015	196,782	191,465	185,234	177,624	168,594	158,040	146,334	133,509	118,646	102,398	84,452	65,055	44,932	23,280	-
587341	PUMP STATIONS IMP	30,579	29,954	29,194	28,221	27,068	25,740	24,105	22,341	20,460	18,173	15,736	12,959	10,060	6,895	3,600	-
587351	BREWERTON/ROT SL DRUM THICK	15,897	14,666	13,212	11,511	9,460	7,067	4,441	1,539	-	-	-	-	-	-	-	-
587354	OAK ORCHARD WWTP PHASE I IMP	60,268	55,271	48,764	41,249	32,560	22,822	11,870	-	-	-	-	-	-	-	-	-
587372	SYR & GEDDES CONV SYS IMP BR 1	55,562	52,102	47,964	43,015	37,118	30,289	22,638	14,269	4,954	-	-	-	-	-	-	-
587373	WETZEL RD WWTP UPGRADE BR 300	1,582,438	1,528,809	1,473,629	1,416,212	1,356,315	1,294,552	1,231,082	1,166,030	1,099,614	1,031,929	962,941	892,625	821,001	748,128	674,068	598,475
587383	ENVIRON LAB & FLOW CONTROL	150,980	140,015	128,325	116,114	103,309	90,010	76,233	61,986	47,307	31,941	16,133	-	-	-	-	-
587384	L'POOL PUMP STATIONS IMPROVEME	130,017	120,509	110,590	100,359	89,866	78,979	67,691	56,077	44,149	31,901	19,347	6,498	-	-	-	-
587398	ACJ Biosolids Handling Impr Br	478,034	449,714	420,360	389,923	358,349	325,378	291,237	255,964	219,451	181,792	143,010	103,121	62,271	20,835	-	-
587584	ELECTRONICS PARK TRUNK SEWER	34,594	93,566	93,351	92,944	92,275	91,303	90,037	88,520	86,777	84,849	82,728	80,345	77,681	74,786	71,689	68,425
587944	MCP-AERATION SYS ENG BR 61-98	11,808	10,809	9,531	8,080	6,433	4,452	2,297	-	-	-	-	-	-	-	-	-
587947	MCP-COMP BASED PROC CONTR SYS	2,834	2,603	2,330	2,011	1,639	1,217	754	257	-	-	-	-	-	-	-	-
587948	ACJ MIDLAND AVE CONV ENG	1,234,508	1,208,402	1,173,372	1,136,555	1,097,694	1,056,246	1,011,980	965,383	916,068	864,114	809,492	752,494	693,100	631,752	568,786	505,101
587949	ACJ MALTBYE ST/TEALL & HARBOR	10,970	9,876	8,735	7,556	6,347	5,095	3,795	2,581	1,463	450	-	-	-	-	-	-
587951	ACJ FRANKLIN ST FCF	23,286	20,789	18,235	15,407	12,525	9,550	6,545	3,282	-	-	-	-	-	-	-	-
587953	ACJ KIRKPATRICK ST PS	91,478	84,008	75,962	67,400	58,398	48,757	38,544	27,988	17,043	5,738	-	-	-	-	-	-
587954	ACJ METRO IMPR PH PHOS REM/CHE	15,937	14,168	12,359	10,510	8,626	6,681	4,470	2,242	-	-	-	-	-	-	-	-
587955	ACJ SIPHON CROSSINGS	1,025	934	818	686	536	371	191	-	-	-	-	-	-	-	-	-
587956	ACJ WEST STREET SEWER SEPARATI	3,778	3,471	3,107	2,682	2,186	1,623	1,005	342	-	-	-	-	-	-	-	-
587958	ACJ ERIE BLVD STORAGE SYSTEM U	19,154	17,116	15,030	12,897	10,722	8,519	6,276	3,865	1,296	-	-	-	-	-	-	-
587959	INTERNET CONNECTIVITY	724,860	1,960,506	1,956,176	1,948,005	1,934,291	1,914,659	1,889,292	1,858,413	1,822,426	1,782,042	1,738,200	1,689,423	1,634,148	1,573,266	1,507,334	1,436,957
587960	ACJ CLINTON ST CONVEYANCES	1,181,044	2,420,162	2,407,355	2,388,242	2,360,674	2,324,285	2,279,618	2,227,312	2,167,098	2,099,330	2,025,565	1,944,814	1,856,177	1,760,091	1,656,766	1,547,478
587961	ACJ FULL SCALE AMMONIA/PHOS RE	407,712	376,785	343,789	308,866	272,607	234,750	195,653	154,955	112,252	68,253	22,985	-	-	-	-	-
587963	ACJ SEWER SEPARATION	304,885	293,910	282,205	269,570	255,621	240,963	225,511	208,225	189,812	170,335	149,260	127,061	103,728	81,668	64,231	45,798
587968	SANITARY DISTRICT IMP BR 18 2/	63,642	58,972	53,870	48,637	43,246	37,742	31,905	25,969	19,712	13,370	6,701	-	-	-	-	-
588510	HIAWATHA/SPRING ST CSO	31,263	28,628	25,259	21,303	16,809	11,692	6,126	-	-	-	-	-	-	-	-	-
588525	METRO ODOR CONTROL SYSTEM IMP	57,991	49,431	38,947	26,902	13,198	4,500	1,532	-	-	-	-	-	-	-	-	-
588609	J'VILLE PEN PUMP STA & CONV SY	49,525	45,870	42,044	37,901	33,632	29,276	24,839	20,090	15,277	10,399	5,212	-	-	-	-	-
Total		6,975,082	9,287,827	9,025,979	8,737,992	8,419,129	8,075,112	7,707,706	7,313,962	6,918,666	6,513,264	6,099,710	5,693,791	5,323,221	4,942,352	4,569,754	4,202,233

The gross interest payments for 2014 are reflected in column C of \$6,975,082

Exhibit G - EFC bonds gross interest outstanding as of 2014 by project

Project #	Project Name	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
587301	TRUNK SEWER IMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587341	PUMP STATIONS IMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587351	BREWERTON/ROT SL DRUM THICK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587354	OAK ORCHARD WWTP PHASE I IMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587372	SYR & GEDDES CONV SYS IMP BR 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587373	WETZEL RD WWTP UPGRADE BR 300	521,428	443,409	364,418	284,454	203,640	121,976	40,450	-	-	-	-	-	-	-	-
587383	ENVIRON LAB & FLOW CONTROL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587384	L'POOL PUMP STATIONS IMPROVEME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587398	ACJ Biosolids Handling Impr Br	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587584	ELECTRONICS PARK TRUNK SEWER	64,942	61,258	57,479	53,613	49,796	45,815	41,554	37,097	32,475	27,852	23,072	18,029	12,878	7,726	2,575
587944	MCP-AERATION SYS ENG BR 61-98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587947	MCP-COMP BASED PROC CONTR SYS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587948	ACJ MIDLAND AVE CONV ENG	441,189	375,859	309,093	238,568	164,348	102,765	53,866	4,471	3,911	3,344	2,760	2,157	1,548	933	312
587949	ACJ MALTBIE ST/TEALL & HARBOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587951	ACJ FRANKLIN ST FCF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587953	ACJ KIRKPATRICK ST PS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587954	ACJ METRO IMPR PH PHOS REM/CHE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587955	ACJ SIPHON CROSSINGS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587956	ACJ WEST STREET SEWER SEPARATI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587958	ACJ ERIE BLVD STORAGE SYSTEM U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587959	INTERNET CONNECTIVITY	1,362,711	1,285,007	1,204,244	1,120,650	1,039,108	955,049	863,813	769,402	672,502	574,440	473,815	370,617	266,123	160,441	53,678
587960	ACJ CLINTON ST CONVEYANCES	1,432,886	1,315,105	1,214,503	1,130,205	1,047,823	962,839	870,746	775,478	677,627	578,633	477,218	373,262	268,033	161,636	54,073
587961	ACJ FULL SCALE AMMONIA/PHOS RE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587963	ACJ SEWER SEPARATION	31,091	16,013	7,519	-	-	-	-	-	-	-	-	-	-	-	-
587968	SANITARY DISTRICT IMP BR 18 2/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
588510	HIAWATHA/SPRING ST CSO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
588525	METRO ODOR CONTROL SYSTEM IMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
588609	J'VILLE PEN.PUMP STA & CONV SY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		3,854,246	3,496,651	3,157,256	2,827,491	2,504,714	2,188,444	1,870,430	1,586,448	1,386,514	1,184,269	976,866	764,065	548,581	330,737	110,639

Exhibit H - EFC Bonds Net Interest Outstanding as of 2014 by Project

Project #	Project Name	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
587301	TRUNK SEWER IMP	100,508	98,391	95,732	92,617	88,812	84,297	79,020	73,167	66,755	59,323	51,199	42,226	32,528	22,466	11,640	-
587341	PUMP STATIONS IMP	15,289	14,977	14,597	14,110	13,534	12,870	12,052	11,170	10,230	9,087	7,868	6,479	5,030	3,447	1,800	-
587351	BREWERTON/ROT SL DRUM THICK	7,948	7,333	6,606	5,756	4,730	3,534	2,220	770	-	-	-	-	-	-	-	-
587354	OAK ORCHARD WWTP PHASE I IMP	30,134	27,636	24,382	20,624	16,280	11,411	5,935	-	-	-	-	-	-	-	-	-
587372	SYR & GEDDES CONV SYS IMP BR 1	27,781	26,051	23,982	21,507	18,559	15,145	11,319	7,135	2,477	-	-	-	-	-	-	-
587373	WETZEL RD WWTP UPGRADE BR 300	818,954	794,592	769,131	741,828	712,441	681,640	649,584	616,398	582,244	547,216	511,336	474,581	436,970	398,562	359,419	319,196
587383	ENVIRON LAB & FLOW CONTROL	91,130	99,597	91,624	83,198	74,246	64,866	55,078	44,886	34,329	23,222	11,740	-	-	-	-	-
587384	L'POOL PUMP STATIONS IMPROVEME	64,942	60,611	55,965	51,054	45,928	40,551	34,916	29,050	22,964	16,654	10,132	3,411	-	-	-	-
587398	ACJ Biosolids Handling Impr Br	242,928	229,848	216,117	201,685	186,444	170,134	152,982	135,024	116,155	96,522	76,149	54,996	33,210	11,112	-	-
587584	ELECTRONICS PARK TRUNK SEWER	17,297	46,783	46,675	46,472	46,138	45,652	45,019	44,260	43,388	42,425	41,364	40,172	38,840	37,393	35,845	34,212
587944	MCP-AERATION SYS ENG BR 61-98	5,904	5,404	4,765	4,040	3,216	2,226	1,149	-	-	-	-	-	-	-	-	-
587947	MCP-COMP BASED PROC CONTR SYS	1,417	1,301	1,165	1,006	820	609	377	128	-	-	-	-	-	-	-	-
587948	ACJ MIDLAND AVE CONV ENG	637,946	626,155	609,771	592,310	573,640	553,336	531,161	507,729	482,523	455,798	427,552	397,948	366,862	334,777	301,867	268,257
587949	ACJ MALTBIE ST/TEALL & HARBOR	4,458	3,940	3,413	2,852	2,271	1,650	1,034	478	63	669	-	-	-	-	-	-
587951	ACJ FRANKLIN ST FCF	6,850	5,637	4,260	3,373	2,446	1,005	-	-	5,308	-	-	-	-	-	-	-
587953	ACJ KIRKPATRICK ST PS	34,333	30,569	26,741	22,551	18,140	13,227	8,604	3,862	-	8,395	-	-	-	-	-	-
587954	ACJ METRO IMPR PH PHOS REM/CHE	4,607	3,748	2,977	2,301	1,791	848	-	-	3,784	-	-	-	-	-	-	-
587955	ACJ SIPHON CROSSINGS	512	467	409	343	268	186	96	-	-	-	-	-	-	-	-	-
587956	ACJ WEST STREET SEWER SEPARATI	1,889	1,735	1,554	1,341	1,093	811	502	171	-	-	-	-	-	-	-	-
587958	ACJ ERIE BLVD STORAGE SYSTEM U	9,696	8,745	7,747	6,701	5,612	4,497	3,341	2,071	698	-	-	-	-	-	-	-
587959	INTERNET CONNECTIVITY	362,430	980,253	978,088	974,003	967,146	957,330	944,646	929,206	911,213	891,021	869,100	844,712	817,074	786,633	753,667	718,478
587960	ACJ CLINTON ST CONVEYANCES	590,522	1,210,081	1,203,677	1,194,121	1,180,337	1,162,143	1,139,809	1,113,656	1,083,549	1,049,665	1,012,783	972,407	928,088	880,045	828,383	773,739
587961	ACJ FULL SCALE AMMONIA/PHOS RE	206,462	193,035	177,889	161,116	143,357	124,400	104,553	83,455	60,752	37,103	12,535	-	-	-	-	-
587963	ACJ SEWER SEPARATION	152,717	147,465	141,815	135,643	128,749	121,448	113,699	105,005	95,703	85,843	75,160	63,890	52,023	40,834	32,115	22,899
587968	SANITARY DISTRICT IMP BR 18 2/	38,408	41,939	38,460	34,849	31,079	27,198	23,051	18,804	14,305	9,721	4,876	-	-	-	-	-
588510	HIAWATHA/SPRING ST CSO	15,631	14,314	12,629	10,652	8,405	5,846	3,063	-	-	-	-	-	-	-	-	-
588525	METRO ODOR CONTROL SYSTEM IMP	28,995	24,715	19,473	13,451	6,599	2,250	766	-	-	-	-	-	-	-	-	-
588609	J'VILLE PEN PUMP STA & CONV SY	29,888	32,622	30,013	27,154	24,170	21,097	17,945	14,548	11,087	7,560	3,793	-	-	-	-	-
Total		3,549,576	4,737,945	4,609,659	4,466,656	4,306,251	4,130,206	3,941,920	3,740,971	3,529,342	3,322,096	3,115,587	2,900,823	2,710,627	2,515,269	2,324,736	2,136,781

The net interest payments for 2014 are reflected in Column C of \$3,549,575.76.

Exhibit H - EFC Bonds Net Interest Outstanding as of 2014 by Project

Project #	Project Name	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
587301	TRUNK SEWER IMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587341	PUMP STATIONS IMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587351	BREWERTON/ROT SL DRUM THICK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587354	OAK ORCHARD WWTP PHASE I IMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587372	SYR & GEDDES CONV SYS IMP BR 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587373	WETZEL RD WWTP UPGRADE BR 300	277,970	236,224	193,957	151,171	107,929	64,233	21,127	-	-	-	-	-	-	-	-
587383	ENVIRON LAB & FLOW CONTROL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587384	L'POOL PUMP STATIONS IMPROVEME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587398	ACJ Biosolids Handling Impr Br	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587584	ELECTRONICS PARK TRUNK SEWER	32,471	30,629	28,740	26,807	24,898	22,907	20,777	18,549	16,237	13,926	11,536	9,014	6,439	3,863	1,287
587944	MCP-AERATION SYS ENG BR 61-98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587947	MCP-COMP BASED PROC CONTR SYS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587948	ACJ MIDLAND AVE CONV ENG	234,506	200,026	164,810	127,685	88,511	55,635	29,070	2,236	1,955	1,672	1,380	1,078	774	467	156
587949	ACJ MALTBIE ST/TEALL & HARBOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587951	ACJ FRANKLIN ST FCF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587953	ACJ KIRKPATRICK ST PS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587954	ACJ METRO IMPR PH PHOS REM/CHE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587955	ACJ SIPHON CROSSINGS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587956	ACJ WEST STREET SEWER SEPARATI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587958	ACJ ERIE BLVD STORAGE SYSTEM U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587959	INTERNET CONNECTIVITY	681,355	642,504	602,122	560,325	519,554	477,524	431,907	384,701	336,251	287,220	236,908	185,309	133,062	80,221	26,839
587960	ACJ CLINTON ST CONVEYANCES	716,443	657,552	607,251	565,103	523,911	481,420	435,373	387,739	338,813	289,317	238,609	186,631	134,016	80,818	27,037
587961	ACJ FULL SCALE AMMONIA/PHOS RE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
587963	ACJ SEWER SEPARATION	15,545	8,006	3,760	-	-	-	-	-	-	-	-	-	-	-	-
587968	SANITARY DISTRICT IMP BR 18 2/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
588510	HIAWATHA/SPRING ST CSO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
588525	METRO ODOR CONTROL SYSTEM IMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
588609	J'VILLE PEN PUMP STA & CONV SY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		1,958,290	1,774,941	1,600,640	1,431,090	1,264,804	1,101,719	938,254	793,224	693,257	592,135	488,433	382,032	274,291	165,368	55,319