

Debt Service & Capital Planning

Section 6

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Debt Service

Several methods are available to finance capital improvement projects and other authorized activities. Onondaga County, like most governmental units, borrows money in order to acquire land and equipment, construct buildings, and make renovations and improvements. The cost of these capital projects are normally financed by the issuance of debt obligations which are then repaid over several years along with the interest incurred on the borrowings. An amount is included in the County's annual operating budget to make these payments, which is defined as "debt service". This policy enables the cost of these capital assets to be borne by the present and future taxpayers receiving the benefit of the capital assets or improvements.

The use of debt, usually through the issuance of bonds, to finance capital projects has several advantages. Primarily, it allows the County to obtain for current use a capital facility that would go beyond its capacity to finance on a pay-as-you-go basis. In addition, the flexibility associated with the repayment of bonds allows the County to smooth out its expenditure pattern over a period of several years. The structure of the principal payments cumulatively effects both interest payments and subsequently the County's operating budget.

In general, the State Legislature has granted the power and defined the procedure for the County to borrow by the enactment of the Local Finance Law. Pursuant to the Local Finance Law, its Charter and the County Law, the County authorizes the issuance of bonds by the adoption of a bond resolution, which 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 Chief Fiscal Officer the power to authorize and sell bond anticipation notes in anticipation of authorized bonds.

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 (PPU), which ties in with the maximum maturity of the bonds subject to legal restrictions. Within these bonding requirements, the County has considerable flexibility in its borrowing program and can issue two basic forms of debt instruments: Serial Bonds (Bonds) and Bond Anticipation Notes (BANs). BANs, due to their short term (12 months or less), are used to facilitate borrowing for projects that have a PPU of five years or less, or are relatively small in amount or otherwise inappropriate for long-term borrowing. In addition, BANs allow the County the option of conversion to Serial Bonds when interest rates are most beneficial for long-term debt.

Statutory law in New York permits BANs to be renewed each year provided annual principal installments are made prior to the second renewal. If the principal is not paid off after the fourth renewal (five years from the original date of borrowing), the BAN must be converted to a Serial Bond. There is an exception to the four-time renewal limitation on BANs for Special District Borrowing for Water Environment Protection and Water. BANs may be renewed indefinitely for Special Districts as long as they do not violate the assigned PPU.

The Local Finance Law contains provisions providing the County with power to issue certain other short-term general obligation indebtedness, including revenue and tax anticipation notes and budget and capital notes. Onondaga County has not used any of these short-term borrowing options since 1992.

Bond Advisors

Bond counsel and our financial advisors play an important role in the bond issuing process. They can be influential in reducing borrowing costs by advising the issuing government on how best to structure the issue and when best to go to market. They assist us in the preparation of the County's Official Statement, insuring that it meets the legal requirements and includes the information to present the County's financial status and economic activities and comparisons.

They assist us in the application for bond ratings, which provide investors with a symbol of credit quality that is easily recognized. Through careful fiscal planning and sound financial management, Onondaga County was upgraded four times during 2000 - 2010, including an increase to double A plus (AA+) rating in May 2000 by Standard and Poor's and in May 2002 by Fitch Ratings. In 2010, Onondaga County was upgraded to triple A (AAA) by Fitch Ratings and to Aa1 by Moody's Investors Service. These strong ratings were reaffirmed in 2012, as well as Standard & Poor's double A-plus (AA+) rating.

Market Factors Affecting Bonds

The market for Bonds and Notes could be affected by a variety of factors, some of which are beyond the County's control. There can be no assurance that adverse events at the State level will not occur which might affect the market price of outstanding Bonds and Notes and the market for additional debt. If a significant default or other financial crisis should occur in the affairs of the Federal or State government or of any of its agencies or political subdivisions, it could impair the acceptability of obligations issued and bond ratings of borrowers, such as Onondaga County.

The traditional market for our debt has changed over the years, from primarily banks and individual investors, to the major brokerage houses and fund investors. The County looks to market conditions when scheduling its bond sale to optimize savings to the taxpayers.

Debt Management Planning

Onondaga County's debt management planning covers all debt issued by the County including debt wholly supported by special district fund revenues. The County's comprehensive approach to debt management includes: administrative review, emphasis on pay-as-you-go within defined limits, adherence to multiple policies established by the legislature, adherence to local finance law, and comprehensive use of bond counsel and financial advisors.

Between 2000 - 2010, Onondaga County undertook many debt management initiatives. In 2000, the County defeased \$10.7 million of debt using its fund balance. The County Legislature had passed a resolution in November 1999, which established a fund balance target of 10% of General Fund revenues. Any excesses would be used to avoid or reduce debt and provide property tax relief. The defeasance had a benefit to taxpayers of \$11.7 million in 2000 - 2004. In August 2001, the County participated in a pooled financing with five other New York counties to sell its rights to the tobacco revenues guaranteed under the Master Tobacco Agreement with the four major tobacco companies. This financing provided funds sufficient to defease approximately \$95 million of Onondaga County General Obligation debt, beneficially affecting the years 2002 - 2021 for a total of \$131.7 million.

Taking advantage of the lowest interest-rate environment in forty years, the County refunded \$18.5 million of 10-year old bonds in 2003, saving \$1.8 million through 2014. In 2005, the County participated in a

second pooled tobacco bond sale, which enabled the County to defease \$19.9 million, beneficially affecting the years 2007 - 2025 for total debt service relief of \$27.3 million. In 2007, \$8 million in cash was used to fund capital projects, avoiding debt and maintaining the County's fund balance 10% target. In 2009 and again in 2012, the County issued \$33.3 and \$20.6 million of refunding bonds, enabling savings of \$3.3 and \$1.2 million respectively. It is the County's goal to annually review its outstanding debt for refunding opportunities. In 2010, the County maximized its interest savings by issuing a mix of tax-exempt, Build America (35% interest subsidy) and Recovery Zone (45% interest subsidy) bonds.

The County has established the following policies to guide its management of debt (calculations based on 2013 Budget):

1. Debt service costs paid through the General Fund will not exceed 5% of total General Fund revenue.

In 2013, debt service costs are 3.5% of revenues.

2. The County's total net direct indebtedness will not exceed \$500 per capita or 1% of the full valuation of taxable property in the County.

Net general fund indebtedness is \$465 per capita and 0.81% of the County's full valuation. (Population source is 2010 U. S. Census Bureau)

3. Rapid pay down of debt will continue as a goal of the County's debt management policies, with a target of 65% of outstanding principal scheduled for retirement within 10 years. This goal may be modified to reflect changes in the interest rate environment, which may argue for shorter or longer retirement terms.

Currently, 78% of the County's outstanding general fund debt is scheduled to be retired within 10 years.

4. In addition, the following capital planning and debt management strategies will continue:

Where possible, capital expenditures will be funded through pay-as-you-go programs and alternative financing mechanisms, such as state loan programs and as federal pilot projects;

Reviewing operating cost and revenue implications for all proposed capital projects as a part of the annual six-year capital improvement planning process;

Maintaining an inventory of capital assets and developing plans to reduce maintenance costs and extend the useful life of the County's infrastructure, including the development and implementation of preventive maintenance programs.

Debt Management - Department of Water Environment Protection

The County has taken advantage of zero-interest short-term notes and subsidized-interest loans with the NYS Environmental Facilities Corp., as well as Federal and State grants. This is especially true for the Onondaga Lake cleanup projects. Initiated in 1998, 20 projects have been completed, with an additional 3 major projects and various sewer separations underway.

Debt Limits

Local Finance Law prohibits the County from issuing debt in excess of the Debt Limit. The Debt Limit is seven percent of the five-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. As of August 22, 2012 the County will have exhausted 11.2% of its Debt-Contracting Power. This is down significantly from 15.5% in 2000 due to the use of tobacco bond revenues to defease \$115 million of General Fund debt (2001 & 2005). The following table is the calculation of Total Net Indebtedness:

Calculation of Total Net Indebtedness (As of August 20, 2012)

5-Year Average Full Valuation of Taxable Real Property		\$24,964,402,290
Debt Limit (7% of 5-year average)		\$1,747,508,160
Outstanding Indebtedness:		
Bonds	\$ 435,293,101	
Bond Anticipation Notes	\$ 20,019,697	
Outstanding Gross Indebtedness	\$ 455,312,798	
Less Exclusions	\$ (259,291,216)	
Total Net Indebtedness		\$196,021,582
Net Debt-Contracting Margin		\$1,551,486,578
Percentage of Debt-Contracting Power Exhausted		11.2% (1)

(1) The Debt Limit of the County is computed in accordance with the provisions of Article VIII of the State Constitution and Title 9 of Article 2 of the Local Finance Law

Debt Limit and Debt Margin

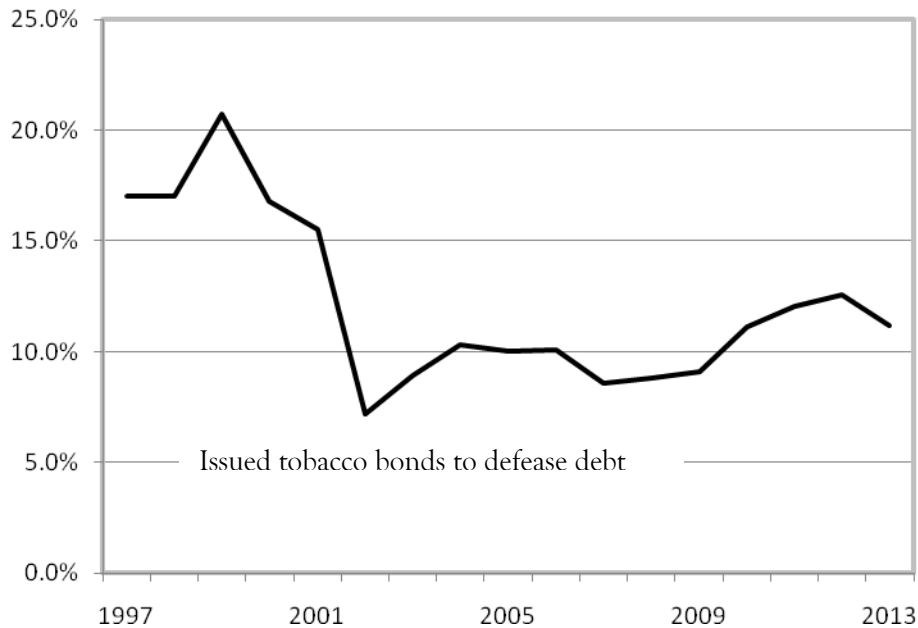
Onondaga County's use of its constitutional debt limit declined dramatically in 2001 when it defeased \$95 million of general fund debt, using proceeds from tobacco revenue bonds. A second tobacco bond sale in 2005 enabled an additional \$20 million in debt to be defeased. The percent is currently 11.2%, down from 15.5% in 2000 and an average of 17.8% for the years 1994 - 2000. The debt margin is nearly seven times the total net indebtedness and provides ample flexibility to continue to meet the capital needs of the County.

2012 Debt Limit and Debt Margin (as of August 20, 2012)

Debt Limit	\$1,747,508,160
Total Net Indebtedness	\$196,021,582
Debt Margin	\$1,551,486,578
Percentage of Debt Limit Used	11.2%

Note: The constitutional debt margin is the amount of additional debt, which a municipality may legally assume at a particular time and is calculated by subtracting the total net indebtedness from the debt limit. The debt limit is equal to 7% of the five-year full value of taxable real property while the total net indebtedness equals total outstanding debt minus approved exclusions.

Percentage of Debt Limit Used



Debt Service Summary - All Funds

2013

	Long-Term Debt		NYS EFC*		Estimated NYS EFC*	
	Principal	Interest	Principal	Interest	Principal	Interest
	County-wide Tax Levy	17,820,150	9,285,329	0	0	0
Water/Ad Valorem Tax	150,000	465,552	0	0	0	0
Van Duyn	425,000	129,025	0	0	0	0
WEP/Unit Charge	5,422,850	2,518,837	7,194,968	2,804,859	500,000	200,000
Total	23,818,000	12,398,743	7,194,968	2,804,859	500,000	200,000

	Fiscal Agent Fees	Debt Service Totals	RBD/Fed Subsidy	Charge to Fund
County-wide Tax Levy	40,000	27,145,479	4,463,344	22,682,135
Water/Ad Valorem Tax	0	615,552	0	615,552
Van Duyn	0	554,025	4,909	549,116
WEP/Unit Charge	331,194	18,972,708	4,724,645	14,248,063
Total	371,194	47,287,764	9,192,898	38,094,866

Note: WEP - Water Environment Protection

* EFC - Environmental Facilities Corporation, a New York State agency financing environmental projects. EFC interest assumes a 33% - 50% subsidy.

Debt Service Summary - Countywide Debt Service

2013

Department/Fund	Serial Bond Principal	Serial Bond Interest	Fiscal Agent Fees	Debt Service Totals	RBD/City/ Fed Subsidy ⁴	Charge to Operating Fund
Board of Elections	36,000	16,950	0	52,950	16,950	36,000
Community College ¹	1,529,051	1,286,203	0	2,815,254	95,586	2,719,668
Oncenter Complex	699,000	555,534	40,000	1,294,534	555,534	739,000
Information Technology Facilities	590,000	415,238	0	1,005,238	0	1,005,238
Correction	3,704,000	1,567,989	0	5,271,989	0	5,271,989
Sheriff/Jail	100,000	91,000	0	191,000	91,000	100,000
Hillbrook ²	1,733,000	95,400	0	1,828,400	95,400	1,733,000
Parks & Recreation	300,000	185,487	0	485,487	0	485,487
Library	1,270,150	725,523	0	1,995,673	440,892	1,554,781
Transportation	20,000	103,441	0	123,441	123,441	0
E-911 ³	5,288,949	3,038,477	0	8,327,426	3,038,477	5,288,949
	2,550,000	1,204,087	0	3,754,087	6,064	3,748,023
TOTALS	17,820,150	9,285,329	40,000	27,145,479	4,463,344	22,682,135

¹ OCC debt service will be partially funded with college chargeback collections (\$500,000 in 2013)

² 50% reimbursement from NYS DCFS totaling \$242,744 will be in department budget

³ \$2,475,150 in surcharge revenue is appropriated in the budget to offset debt service on Microwave, CAD/911 upgrades and Interoperable Radio bonds

⁴ Includes \$339,903 interest subsidy for 2010 BAB and RZ bond issues. Library covered by City of Syracuse allocation

Debt Service Summary - Special Districts

2013

Department/Fund	Serial Bond Principal	Serial Bond Interest	Estimated EFC Principal	Estimated EFC Interest	Fiscal Agent Fees
Van Duyn	425,000	129,025	0	0	0
Water District	150,000	465,552	0	0	0
Consolidated San Dist	4,881,850	2,255,258	500,000	200,000	331,194
Meadowbrook DD	358,000	175,560	0	0	0
Bear Trap DD	0	15,718	0	0	0
Bloodybrook DD	68,000	34,001	0	0	0
Harborbrook DD	115,000	38,300	0	0	0
Total	5,997,850	3,113,414	500,000	200,000	331,194
Total All Funds Debt	23,818,000	12,398,743	500,000	200,000	371,194

Department/Fund	EFC Principal	EFC Interest ¹	Debt Service Totals	RBD/ Fed Subsidy ²	Charge to Op Fund
Van Duyn	0	0	554,025	4,909	549,116
Water District	0	0	615,552	0	615,552
Consolidated San Dist	7,194,968	2,804,859	18,168,129	4,567,278	13,600,851
Meadowbrook DD	0	0	533,560	94,250	439,310
Bear Trap DD	0	0	15,718	0	15,718
Bloodybrook DD	0	0	102,001	24,817	77,184
Harborbrook DD	0	0	153,300	38,300	115,000
Total	7,194,968	2,804,859	20,142,285	4,729,554	15,412,731
Total All Funds Debt	7,194,968	2,804,859	47,287,764	9,192,898	38,094,866

¹ Assumes interest subsidy, totaling \$2,804,859 for existing EFC debt

² Includes \$72,187 interest subsidy for 2010 BAB and RZ bond issues

2013 Bond Anticipation Notes

as of August 20, 2012

Harborbrook - EFC \$20,019,697

County Indebtedness

Authorized and Unissued

as of August 20, 2012

Department	Authorized	Unissued
Oncenter Complex	16,609,200	507,385
Facilities	18,692,000	12,631,821
Information Technology	12,814,812	1,000,000
Parks & Recreation	8,020,000	5,020,000
Transportation	29,625,500	15,708,864
Library	7,250,000	5,445,000
Community College	13,823,840	8,073,840
Van Duyn	4,893,847	1,631,503
Metropolitan Water Board	48,000,000	39,991,869
Water Environment Protection	356,658,956	190,867,474
Total	516,388,155	280,877,756

Serial Bonds 2013 Debt Service

Title of Bond	No.	Final	Interest	Amount	2013 Payments**		Balance
		Maturity	Rate	Issued	Principal	Interest	12/31/2013**
General Obligation Bonds 1996 **	590	2015	5.000%	30,075,000	3,000	375	600
N.Y.S. E.F.C. Bonds 1998*	595	2018	1.407%	6,030,821	330,000	24,088	1,745,000
N.Y.S. E.F.C. Bonds 2000*	615	2020	1.407%	1,383,178	70,000	8,154	535,000
N.Y.S. E.F.C. Bonds 2001A*	625	2020	1.407%	9,078,380	470,000	55,489	3,535,000
N.Y.S. E.F.C. Bonds 2001B*	635	2021	1.062%	2,195,433	110,000	11,946	945,000
N.Y.S. E.F.C. Bonds 2002A*	645	2021	4.312%	1,980,745	96,474	21,691	824,356
N.Y.S. E.F.C. Bonds 2002G*	655	2028	1.062%	14,681,217	570,000	146,788	8,775,000
N.Y.S. E.F.C. Bonds 2003A*	665	2022	3.851%	1,128,465	55,000	12,346	540,000
General Obligation Bonds 2003B	671	2013	4.350%	5,360,000	100,000	4,350	0
Public Improve Refund Bonds 2003C	672	2014	5.000%	18,530,000	1,560,000	74,625	950,000
N.Y.S. E.F.C. Bonds 2003F*	675	2023	3.170%	4,657,961	230,000	53,373	2,555,000
N.Y.S. E.F.C. Bonds 2004D*	685	2024	3.931%	9,579,475	470,000	141,311	5,705,000
N.Y.S. E.F.C. Bonds 2005A*	695	2024	3.374%	17,469,284	850,000	218,560	10,495,000
N.Y.S. E.F.C. Bonds 2005B*	705	2025	3.349%	5,495,439	265,000	69,555	3,560,000
General Obligation Bonds 2005A **	710	2026	5.000%	28,000,000	1,155,000	345,113	7,805,000
N.Y.S. E.F.C. Bonds 2006C*	715	2036	4.031%	44,610,657	1,350,000	845,336	35,630,000
General Obligation Bonds 2006A	720	2026	3.500%	35,000,000	2,050,000	903,313	21,100,000
N.Y.S. E.F.C. Bonds 2007D*	725	2036	4.000%	41,442,558	1,475,000	752,216	32,280,000
General Obligation Bonds 2007A	730	2027	5.000%	25,600,000	1,350,000	803,563	17,500,000
N.Y.S. E.F.C. Bonds 2008A&B*	735	2028	4.270%	1,645,373	75,000	29,036	1,285,000
General Obligation Bonds 2009A	740	2029	4.000%	61,725,000	4,150,000	2,257,750	49,450,000
General Obligation Refund Bonds 2009	750	2023	4.000%	33,345,000	3,850,000	1,164,906	23,945,000
N.Y.S. E.F.C. Bonds 2010C*	755	2030	1.054%	2,972,800	125,000	41,564	2,495,000
General Obligation Bonds 2010A	760	2019	4.000%	31,150,000	4,950,000	1,187,750	21,775,000
General Obligation Bonds 2010B (BAB's)	761	2026	4.250%	17,570,000	0	828,404	17,570,000
General Obligation Bonds 2010B (RZ's)	762	2030	5.500%	4,905,000	0	282,350	4,905,000
N.Y.S. E.F.C. Bonds 2011C*	765	2031	0.507%	15,603,494	653,494	227,371	14,320,000
General Obligation Bonds 2011	770	2030	5.000%	33,755,000	2,255,000	1,339,594	31,500,000
N.Y.S. E.F.C. Bonds 2012*	775	2034	0.455%	11,395,177	0	146,036	11,395,177
General Obligation Bonds 2012	780	2037	3.000%	51,425,000	0	2,498,686	51,425,000
General Obligation Refund Bonds 2012	790	2025	2.000%	20,615,000	2,395,000	707,963	17,855,000
TOTAL:				588,405,457	31,012,968	15,203,602	402,400,133

* E.F.C. reflects interest subsidies, totaling \$2,804,859

** Net of defeased amounts

Serial Bonds 2013 Debt Service by Department

	No.	Year Issued	Final Maturity	Interest Rate	2013 Serial Bond Payments		
					Principal	Interest	Total
Correction							
General Obligation Bonds, Series A	740	2009	2029	4.000%	100,000	91,000	191,000
Total: Correction					100,000	91,000	191,000
Community College							
General Obligation Bonds, Series A	720	2006	2026	3.500%	225,000	137,275	362,275
General Obligation Bonds, Series A	730	2007	2026	5.000%	235,000	157,163	392,163
General Obligation Bonds, Series A	740	2009	2029	4.000%	230,000	197,850	427,850
General Obligation Bonds, Series A	760	2010	2019	4.000%	325,000	110,000	435,000
General Obligation Bonds, Series B (Bab's)	761	2010	2026	4.250%	0	134,343	134,343
General Obligation Bonds, Series B (Rz's)	762	2010	2030	5.500%	0	107,924	107,924
General Obligation Bonds	770	2011	2030	5.000%	381,051	306,144	687,195
General Obligation Bonds	780	2012	2030	3.000%	0	62,431	62,431
General Obligation Refunding Bonds	790	2012	2025	2.000%	133,000	73,073	206,073
Total: Community College					1,529,051	1,286,203	2,815,254
Library							
General Obligation Bonds	770	2011	2030	5.000%	20,000	8,250	28,250
General Obligation Bonds	780	2012	2020	3.000%	0	95,191	95,191
Total: Library					20,000	103,441	123,441
Oncenter Complex							
General Obligation Bonds, Series B	671	2003	2013	4.350%	100,000	4,350	104,350
General Obligation Bonds, Series A	740	2009	2029	4.000%	364,000	336,330	700,330
General Obligation Bonds, Series A	760	2010	2019	4.000%	125,000	42,750	167,750
General Obligation Bonds, Series B (Bab's)	761	2010	2026	4.250%	0	52,535	52,535
General Obligation Bonds, Series B (Rz's)	762	2010	2030	5.500%	0	39,142	39,142
General Obligation Bonds	770	2011	2030	5.000%	45,000	38,994	83,994
General Obligation Bonds	780	2012	2024	3.000%	0	12,588	12,588
General Obligation Refunding Bonds	790	2012	2024	2.000%	65,000	28,845	93,845
Total: Oncenter Complex					699,000	555,534	1,254,534
Facilities							
General Obligation Bonds, Series A	710	2005	2015	5.000%	610,000	67,250	677,250
General Obligation Bonds, Series A	720	2006	2026	3.500%	450,000	97,688	547,688
General Obligation Bonds, Series A	730	2007	2026	5.000%	100,000	71,050	171,050
General Obligation Bonds, Series A	740	2009	2029	4.000%	152,000	110,210	262,210
General Obligation Refunding Bonds	750	2009	2023	4.000%	2,127,000	794,026	2,921,026
General Obligation Bonds	780	2012	2032	3.000%	0	342,266	342,266
General Obligation Refunding Bonds	790	2012	2025	2.000%	265,000	85,499	350,499
Total: Facilities					3,704,000	1,567,989	5,271,989

Serial Bonds 2013 Debt Service by Department

	No.	Year Issued	Final Maturity	Interest Rate	2013 Serial Bond Payments		
					Principal	Interest	Total
Sheriff/Jail							
General Obligation Bonds	590	1996	2015	5.000%	3,000	375	3,375
Public Improvement Refunding Bonds	672	2003	2014	5.000%	1,560,000	74,625	1,634,625
General Obligation Refunding Bonds	750	2009	2023	4.000%	170,000	20,400	190,400
Total: Sheriff/Jail					1,733,000	95,400	1,828,400
Hillbrook							
General Obligation Bonds, Series A	720	2006	2026	3.500%	250,000	151,650	401,650
General Obligation Bonds, Series A	730	2007	2026	5.000%	50,000	33,837	83,837
Total: Hillbrook					300,000	185,487	485,487
Board Of Elections							
General Obligation Bonds	770	2011	2030	5.000%	36,000	16,950	52,950
Total: Board Of Elections					36,000	16,950	52,950
Information Technology							
General Obligation Bonds	770	2011	2030	5.000%	590,000	201,950	791,950
General Obligation Bonds	780	2012	2021	3.000%	0	213,288	213,288
Total: Information Technology					590,000	415,238	1,005,238
E - 911							
General Obligation Bonds, Series A	720	2006	2021	3.500%	225,000	96,250	321,250
General Obligation Bonds, Series A	730	2007	2021	5.000%	80,000	31,600	111,600
General Obligation Bonds, Series A	740	2009	2029	4.000%	2,075,000	972,300	3,047,300
General Obligation Bonds, Series A	760	2010	2019	4.000%	170,000	57,900	227,900
General Obligation Bonds, Series B (Bab's)	761	2010	2026	4.250%	0	17,325	17,325
General Obligation Bonds	780	2012	2017	3.000%	0	28,712	28,712
Total: E - 911					2,550,000	1,204,087	3,754,087
Parks & Recreation							
General Obligation Bonds, Series A	730	2007	2017	5.000%	125,000	28,125	153,125
General Obligation Bonds, Series A	740	2009	2029	4.000%	60,000	38,000	98,000
General Obligation Refunding Bonds	750	2009	2023	4.000%	553,000	93,560	646,560
General Obligation Bonds, Series A	760	2010	2019	4.000%	280,000	102,200	382,200
General Obligation Bonds, Series B (Bab's)	761	2010	2026	4.250%	0	93,669	93,669
General Obligation Bonds, Series B (Rz's)	762	2010	2030	5.500%	0	41,445	41,445
General Obligation Bonds	770	2011	2030	5.000%	252,150	150,672	402,822
General Obligation Bonds	780	2012	2027	3.000%	0	177,852	177,852
Total: Parks & Recreation					1,270,150	725,523	1,995,673

Serial Bonds 2013 Debt Service by Department

	No.	Year Issued	Final Maturity	Interest Rate	2013 Serial Bond Payments		
					Principal	Interest	Total
County Road Fund (Transportation)							
General Obligation Bonds, Series A	720	2006	2026	3.500%	557,000	211,635	768,635
General Obligation Bonds, Series A	730	2007	2022	5.000%	80,000	40,000	120,000
General Obligation Bonds, Series A	740	2009	2029	4.000%	290,000	173,850	463,850
General Obligation Refunding Bonds	750	2009	2023	4.000%	678,000	137,310	815,310
General Obligation Bonds, Series A	760	2010	2019	4.000%	1,180,000	436,000	1,616,000
General Obligation Bonds, Series B (Bab's)	761	2010	2026	4.250%	0	409,430	409,430
General Obligation Bonds, Series B (Rz's)	762	2010	2030	5.500%	0	16,706	16,706
General Obligation Bonds	770	2011	2030	5.000%	819,949	525,463	1,345,412
General Obligation Bonds	780	2012	2032	3.000%	0	681,187	681,187
General Obligation Refunding Bonds	790	2012	2024	2.000%	1,684,000	406,896	2,090,896
Total: Transportation					5,288,949	3,038,477	8,327,426
Van Duyn							
General Obligation Bonds, Series A	760	2010	2019	4.000%	425,000	115,000	540,000
General Obligation Bonds, Series B (Bab's)	761	2010	2026	4.250%	0	14,025	14,025
Total: Van Duyn					425,000	129,025	554,025
Water District							
General Obligation Bonds, Series A	710	2005	2026	5.000%	125,000	75,250	200,250
General Obligation Bonds, Series A	720	2006	2026	3.500%	25,000	15,737	40,737
General Obligation Bonds	780	2012	2037	3.000%	0	374,565	374,565
Total: Water District					150,000	465,552	615,552
Consolidated Sanitary District							
N.Y.S. E.F.C. 1998 Series B Bonds*	595	1998	2018	1.407%	330,000	24,088	354,088
N.Y.S. E.F.C. 2000 Series A Bonds*	615	2000	2020	1.407%	70,000	8,154	78,154
N.Y.S. E.F.C. 2001 Series A Bonds*	625	2001	2020	1.407%	470,000	55,489	525,489
N.Y.S. E.F.C. 2001 Series B Bonds*	635	2001	2021	1.062%	110,000	11,945	121,945
N.Y.S. E.F.C. 2002 Series A Bonds*	645	2002	2021	4.312%	96,474	21,691	118,165
N.Y.S. E.F.C. 2002 Series G Bonds*	655	2002	2028	1.062%	570,000	146,788	716,788
N.Y.S. E.F.C. 2003 Series A Bonds*	665	2003	2022	4.350%	55,000	12,346	67,346
N.Y.S. E.F.C. 2003 Series F Bonds*	675	2003	2023	3.170%	230,000	53,373	283,373
N.Y.S. E.F.C. 2004 Series D Bonds*	685	2004	2024	3.931%	470,000	141,311	611,311
N.Y.S. E.F.C. 2005 Series A Bonds*	695	2005	2024	3.374%	850,000	218,560	1,068,560
N.Y.S. E.F.C. 2005 Series B Bonds*	705	2005	2025	3.349%	265,000	69,555	334,555
General Obligation Bonds, Series A	710	2005	2026	5.000%	420,000	202,613	622,613
N.Y.S. E.F.C. 2006 Series C Bonds*	715	2006	2036	4.031%	1,350,000	845,336	2,195,336
General Obligation Bonds, Series A	720	2006	2026	3.500%	318,000	193,078	511,078
N.Y.S. E.F.C. 2007 Series D Bonds*	725	2007	2036	4.000%	1,475,000	752,216	2,227,216

Serial Bonds 2013 Debt Service by Department

	No.	Year Issued	Final Maturity	Interest Rate	2013 Serial Bond Payments		
					Principal	Interest	Total
General Obligation Bonds, Series A	730	2007	2027	5.000%	560,000	362,063	922,063
N.Y.S. E.F.C. 2008 Series A&B Bonds*	735	2008	2028	4.270%	75,000	29,036	104,036
General Obligation Bonds, Series A	740	2009	2029	4.000%	875,000	335,200	1,210,200
N.Y.S. E.F.C. 2010 Series C Bonds*	755	2010	2030	1.054%	125,000	41,564	166,564
General Obligation Bonds, Series A	760	2010	2019	4.000%	2,445,000	323,900	2,768,900
General Obligation Bonds, Series B (Bab's)	761	2010	2026	4.250%	0	107,077	107,077
General Obligation Bonds, Series B (Rz's)	762	2010	2030	5.500%	0	77,133	77,133
N.Y.S. E.F.C. 2011 Series C Bonds*	765	2011	2031	0.507%	653,494	227,371	880,865
General Obligation Bonds	770	2011	2030	5.000%	110,850	91,171	202,021
N.Y.S. E.F.C. 2012 Series B Bonds*	775	2012	2034	0.445%	0	146,036	146,036
General Obligation Bonds	780	2012	2032	3.000%	0	494,889	494,889
General Obligation Refunding Bonds	790	2012	2025	2.000%	153,000	68,134	221,134
Total: Consolidated Sanitary District					12,076,818	5,060,117	17,136,935
Drainage Districts							
General Obligation Bonds, Series A	730	2007	2027	5.000%	120,000	79,725	199,725
General Obligation Bonds, Series A	740	2009	2029	4.000%	4,000	3,010	7,010
General Obligation Refunding Bonds	750	2009	2023	4.000%	322,000	119,610	441,610
General Obligation Bonds	780	2012	2032	3.000%	0	15,718	15,718
General Obligation Refunding Bonds	790	2012	2025	2.000%	95,000	45,516	140,516
Total: Drainage Districts					541,000	263,579	804,579
Total: All Funds					31,012,968	15,203,602	46,216,570

* EFC reflects interest subsidy

Capital Planning

The Capital Process

The Capital Improvement Plan (CIP) serves as a mechanism for defining and prioritizing capital projects that are necessary to maintain the high standard of living that County residents have come to expect. Throughout the CIP, three spending priorities emerge: environmental protection, economic development, and operational efficiency.

Capital planning involves the County Executive, members of the County Legislature, heads of various County departments, and a citizen advisory board in a process, which determines capital needs, alternatives, and priorities. The development of the Capital Improvement Plan takes place over several months, beginning in February of each year, and includes five major phases.

1. In February, department heads begin preparation of project proposals in accordance with executive guidelines.
2. In April, proposals are submitted to the Division of Management and Budget (DMB). The proposals are analyzed by DMB in conjunction with the Syracuse-Onondaga County Planning Agency and the Department of Finance. The Law Department is consulted as needed.
3. By September, a tentative CIP has been approved by the County Executive. It is presented to the Capital Program Committee (a committee made up of legislators and representatives from the executive branch of County government) and the County Planning Board (a citizen advisory group).
4. In September, the Tentative Capital Improvement Plan is presented with the County's Annual Operating Budget to the Ways & Means Committee of the County Legislature and then to the full Legislature in October for approval.
5. From October to February, research on capital planning and management is conducted, and the prior year's process is critiqued. Revisions to forms and instructions are completed.

Coordination and interaction among units of government occurs throughout the process, both formally and informally. The heads of County departments are consulted to discuss questions and recommendations regarding particular projects. Some of the major criteria for evaluating proposals are:

- Consistency with the stated goals of the County Executive
- Degree of the overall need for the project
- Fiscal impact, including the County's capacity to borrow
- Non-County funding sources
- Community participation and support

The final product of this process is a six year plan to improve those facilities or components of County infrastructure considered necessary to provide or maintain an adequate level of public service.

Approval by the County Legislature is not a commitment to fund every project in the plan, but rather it is an indication of support for the plan as a whole. Projects, which require borrowing, must be presented to the Legislature individually, in order to secure authorization to borrow funds.

The 2010 Development Guide

In 1991, the Onondaga County Legislature adopted the 2010 Development Guide to outline County policy with respect to infrastructure, land development, the environment and fiscal capacity. The Development Guide profiles Onondaga County in terms of natural resources and land use, population, and our local economy. While the Development Guide serves many purposes, clearly the most important is its role in influencing land development within Onondaga County. The 2010 Development Guide provides the planning framework within which capital-spending decisions will be made.

Project Criteria

As a matter of policy, capital requests are not considered for the Capital Improvement Plan if: 1) the total cost of the project is less than \$250,000; 2) the probable useful life (PPU) is less than five years; 3) the request involves the procurement of light or heavy vehicles. These must be funded through the operating budget and are excluded from the Capital Improvement Plan.

A Brief Summary

In addition to projects, which have been authorized by the County Legislature, the 2013-2018 Capital Improvement Plan (CIP) includes 39 County Wide projects, 10 projects in the Sewer Fund, and 1 project in the Van Duyn Enterprise Fund. All 50 projects recommended for inclusion in the six-year plan estimate total spending at \$502,434,000.

Total funds for the recommended County-wide project, for six years, are \$309,794,000 of which \$71,422,000 will be cash (pay as you go) and \$183,059,000 will be debt. The Special Funds projects are expected to cost \$192,640,000 of which \$29,542,000 will be funded with cash (pay as you go) and \$163,098,000 through borrowing.

Impact On The Operating Budget

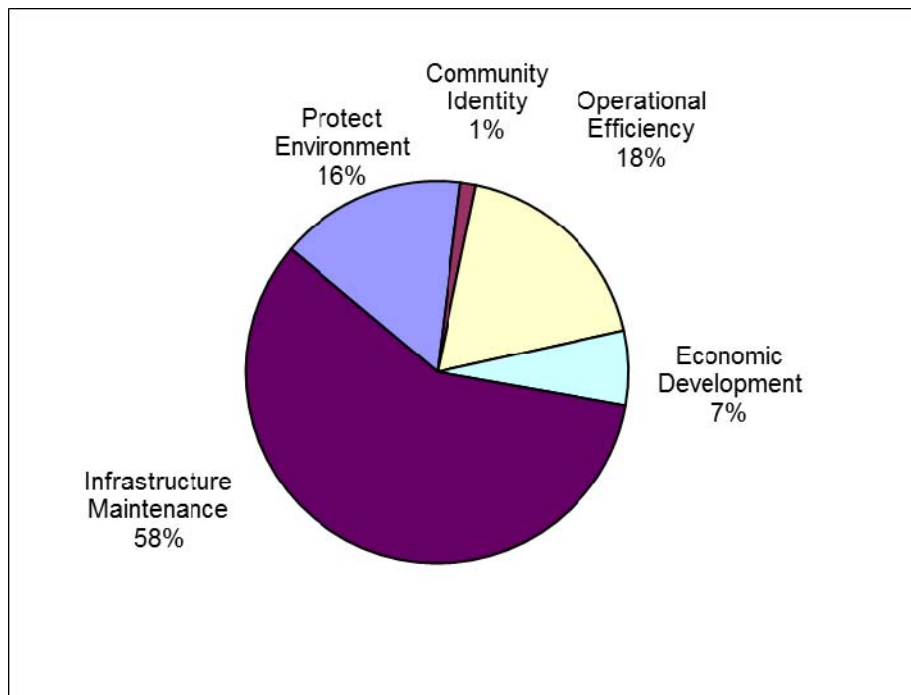
Capital projects can affect the operating budget in several ways. First, when funds are borrowed, annual principal and interest payments to retire the debt must be made. The County's budget to pay scheduled debt payments is presented in the Annual Budget as 10-30 Debt Service (Debt Service Fund). Additionally, scheduled debt service payments are summarized by department and fund, as well as specified by individual borrowing, in the Debt Service Fund section.

As an alternative to assuming debt, some capital projects are funded on a "pay-as-you-go" basis through departmental operating budgets. Most engineering studies are funded in this manner. Finally, operating costs associated with a project, such as utilities and maintenance, may cause a change in departmental budgets. The impact of these anticipated changes is calculated during the operating budget process as well as in the review, analysis and decision-making process for each capital project. A very brief summary of those projects anticipated to be submitted to the Legislature for authorization during the year 2013 is included in this section. Additionally included are:

1. Estimated six year costs for the proposed projects in the CIP,
2. The proposed source of funding for those projects and
3. Summary of the estimated debt service for:
 - a. currently scheduled debt,
 - b. debt which has been authorized but not yet issued, and
 - c. estimated debt service if all of the proposed projects were to be authorized by the County Legislature.

It is important to note that the summary of estimated debt service schedule shows a maximum possible debt obligation through the payoff period.

2013 – 2018 Capital Priorities



CIP Proposed Projects

Six Year Summary of Estimated Expenses (\$ in 000's)

County Wide Department	STATUS	PROJECT	2013 - 18 Total
General Fund			
EMERGENCY COMMUNICATIONS			
	new	Computer Aided Dispatch (CAD) System Hardware Refresh	928
	new	E9-1-1 Center Console Furniture Replacement	687
	new	E9-1-1 Center Facility Rehabilitation	100
	new	Pictometry Aerial Oblique Photography Refresh	292
	new	Radio Tower & Property Rehabilitation	473
	new	Replace E9-1-1 Radio Consoles	4,030
	new	Replacement of Cooling Tower & Computer Room Cooling	388
	new	Replacement of Voice Recorder Systems	492
	new	Telephone System Replacement/Migration to Next Generation 9-1-1 (NG9-1-1)	3,712
	new	Trunked Land Mobile Radio Network Analog Back-up System	981
		Subtotal	\$ 12,083
FACILITIES MANAGEMENT			
		Civic Center Re-roof	2,467
		Community Plaza Garage	3,100
		Courthouse - HVAC Renovations	16,900
		Downtown Campus Various Capital Improvements	8,980
		Edward Kochian County Office Building Rehab./Renovation	3,042
	new	Oncenter Rehabilitations	2,200
	new	Remodeling TA Intake	2,278
		Subtotal	\$ 38,967
INFORMATION TECHNOLOGY			
	new	E-Mail Archiving/ E-Discovery	280
		Subtotal	\$ 280
PARKS & RECREATION DEPT.			
	new	Carpenters Brook Fish Hatchery Reevaluation and Redesign (New)	10,000
	new	Highland Forest Parking Improvements	1,000
		Lights on the Lake Storage Facility	315
	new	Park Buildings (New)	500
		Park roads, parking areas, and trail paving	8,615
	new	Various improvements in Onondaga Lake Park (Willow Bay) (NEW)	2,700
	new	Zoo HVAC Rehabilitation	1,300

		Subtotal	\$ 24,430
SHERIFF CUSTODY			
	new	Behavioral Health Unit at the Justice Center	500

		Subtotal	\$ 500
SHERIFF POLICE/CIVIL			
	new	Special Operations Facility Replacement (NEW)	3,750

		Subtotal	\$ 3,750
		General Fund Total	\$ 80,010
Library			
ONONDAGA COUNTY PUBLIC LIBRARY			
		Central Library Reconstruction	2,616

		Library Total	\$ 2,616
TRANSPORTATION			
		Bituminous Surface Treatment	11,705
		Bridges	24,855
		Capital Highway Construction	23,462
	new	Caughdenoy Road / NYS Route 31 Road Improvements	4,650
		Cold Mix Bituminous Paving	40,709
		Guide Rail	3,470
	new	Hot Mix Bituminous Paving/Economic Development	3,150
		Repaving Program (Hot Mix Bituminous)	93,274
		Replacement of North Area and Camillus Highway Maintenance Facilities	14,000
		Testing, Drainage and Facilities Repair	3,675
		Traffic Systems Management	4,218

		County Road Total	\$ 227,168
		County Wide Total	\$ 309,794
Special Funds			
WATER ENVIRONMENT PROTECTION			
	new	Baldwinsville Seneca Knolls WWTP Rehabilitation Project (New)	7,776
	new	Brewerton WWTP Improvements (New)	5,346
	new	Clay Industrial Park (forcemain) (New)	5,614
		Energy Efficiency Improvements/Perform. Contract./Power Purch. Agreement	20,000
	new	Ley Creek Pump Station (New)	4,700
		Metro WWTP (002) Bypass Treatment	20,200
		Metro WWTP Phosphorus Treatment System Optimization	14,208

new	Metro WWTP Primary and Thickener Pump Replacement	3,500
new	Oneida Lake PS (New)	15,500
	Wastewater Transportation System Improvements	94,796

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**Drain & San Total**      **\$ 191,640**

**Van Duyn**

VAN DUYN EXTENDED CARE DIVISION

|  |                           |       |
|--|---------------------------|-------|
|  | Demolition of S1 Building | 1,000 |
|--|---------------------------|-------|

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Van Duyn Total **\$ 1,000**

Special Funds Total **\$ 192,640**

Grand Total **\$ 502,434**

Source of Proposed Project Funding (\$ in 000's)

County Wide	2013	2014	2015	2016	2017	2018	6yr Total
General Fund							
Cash on Hand	1,215	1,000	500	500	500	500	4,215
Borrowing to be Authorized	9,834	33,695	14,838	7,600	7,900	1,928	75,795
SUB TOTALS	\$11,049	\$34,695	\$15,338	\$8,100	\$8,400	\$2,428	\$80,010
County Road							
County Tax Revenues	3,715	10,566	11,169	12,179	14,469	15,109	67,207
Borrowing to be Authorized	24,446	26,788	12,600	13,055	14,775	15,600	107,264
Federal Aid	10,784	8,080	1,680				20,544
State Aid	6,470	6,292	5,084	4,769	4,769	4,769	32,153
SUB TOTALS	\$45,415	\$51,726	\$30,533	\$30,003	\$34,013	\$35,478	\$227,168
Library							
State Aid	2,308	308					2,616
SUB TOTALS	\$2,308	\$308					\$2,616
County Wide TOTALS	\$58,772	\$86,729	\$45,871	\$38,103	\$42,413	\$37,906	\$309,794
Special Funds	2013	2014	2015	2016	2017	2018	6yr Total
Van Duyn							
Borrowing to be Authorized		1,000					1,000
SUB TOTALS		\$1,000					\$1,000
Drain & San							
Cash on Hand	4,582	5,040	4,860	4,800	4,860	5,400	29,542
Borrowing to be Authorized	14,276	25,200	52,723	27,467	29,199	13,233	162,098
SUB TOTALS	\$18,858	\$30,240	\$57,583	\$32,267	\$34,059	\$18,633	\$191,640
Special Funds TOTALS	\$18,858	\$31,240	\$57,583	\$32,267	\$34,059	\$18,633	\$192,640
GRAND TOTAL	\$77,630	\$117,969	\$103,454	\$70,370	\$76,472	\$56,539	\$502,434

All Funds
Debt Service Summary

Payments in \$000's	Principle & Interest Scheduled Debt	Estimated Debt Authorized & Unissued	Proposed Future Debt	Total
2013	\$46,217	\$700	\$0	\$46,917
2014	\$47,665	\$5,443	\$2,932	\$56,040
2015	\$46,154	\$13,707	\$10,288	\$70,149
2016	\$42,095	\$19,418	\$18,963	\$80,476
2017	\$40,589	\$21,167	\$24,882	\$86,638
2018	\$38,613	\$20,817	\$29,085	\$88,515
2019	\$36,576	\$20,518	\$32,037	\$89,131
2020	\$32,876	\$20,210	\$32,556	\$85,642
2021	\$31,101	\$19,846	\$31,705	\$82,652
2022	\$27,955	\$19,409	\$30,859	\$78,223
2023	\$26,598	\$19,128	\$30,010	\$75,736
2024	\$24,030	\$19,474	\$29,166	\$72,670
2025	\$20,023	\$19,628	\$27,435	\$67,086
2026	\$17,582	\$19,463	\$24,477	\$61,522
2027	\$13,933	\$18,897	\$22,244	\$55,074
2028	\$11,208	\$18,408	\$21,581	\$51,197
2029	\$10,091	\$17,128	\$20,912	\$48,131
2030	\$8,704	\$15,840	\$18,907	\$43,451
2031	\$5,947	\$15,286	\$17,072	\$38,305
2032	\$4,932	\$14,985	\$15,557	\$35,474
2033	\$3,990	\$14,605	\$14,248	\$32,843
2034	\$3,940	\$10,649	\$12,902	\$27,491
2035	\$3,245	\$7,646	\$10,468	\$21,359
2036	\$3,196	\$5,392	\$7,743	\$16,331
2037	\$407	\$5,290	\$4,917	\$10,614
2038	\$0	\$5,182	\$2,914	\$8,096
Total	\$547,667	\$388,236	\$493,860	\$1,429,763

CIP Proposed Projects

Summary of 2013 Estimated Expenses

Department/Project General Funds	2013 Costs Only (\$ in 000's)
<u>General Fund</u>	
Facilities Management	
Downtown Campus Various Capital Improvements	\$1,480
Edward Kochian County Office Building Rehab./Renovation	\$1,700
Community Plaza Garage	\$250
New Oncenter Rehabilitations	\$1,200
Civic Center Re-roof	\$135
New Remodeling TA Intake	\$378
Subtotal	\$5,143
Emergency Communications (E-911)	
New Replacement of Cooling Tower & Computer Room Cooling	\$388
New Radio Tower & Property Rehabilitation	\$473
New E9-1-1 Center Facility Rehabilitation	\$100
Subtotal	\$961
Parks and Recreations	
Park roads, parking areas, and trail paving	\$1,265
New Zoo HVAC Rehabilitation	\$1,300
New Highland Forest Parking Improvements	\$1,000
New Various improvements in Onondaga Lake Park (Willow Bay)	\$200
Subtotal	\$3,765
I.T.	
New E-Mail Archiving/ E-Discovery	\$280
Sheriff Custody	
New Mental Health Unit at the Justice Center	\$500
Sheriff Civil	
New Special Operations Facility Replacement	\$400
Library	
Central Library Reconstruction	\$2,308
General Fund Total	\$13,357

Transportation		
	Bituminous Surface Treatment	\$1,375
	Bridges	\$7,960
	Capital Highway Construction	\$9,784
	Cold Mix Bituminous Paving	\$5,985
	Repaving Program (Hot Mix Bituminous)	\$11,031
	Testing, Drainage and Facilities Repair	\$550
	Traffic Systems Management	\$580
	Guide Rail	\$470
New	Hot Mix Bituminous Paving/Economic Development	\$3,150
	Replacement of North Area and Camillus Highway Maintenance Facilities	\$4,000
New	Caughdenoy Road / NYS Route 31 Road Improvements	\$530
	Subtotal	\$45,415
	 County Wide Total	 \$58,772

Special Funds

Water Environment Protection		
	Metro WWTP(002) Bypass Treatment	\$1,212
	Metro WWTP Phosphorus Treatment System Optimization	\$710
	Wastewater Transportation System Improvements	\$4,082
New	Oneida Lake PS	\$1,000
New	Brewerton WWTP Improvements	\$850
	Energy Efficiency Improvements	\$5,000
New	Metro WWTP Primary and Thickener Pump Replacement	\$1,520
New	Clay Industrial Park (forcemain)	\$1,060
	Subtotal	\$15,434
	 Special Funds Total	 \$15,434
	 Grand Total	 \$74,206

Proposed Capital Improvement Projects For 2013

The following is a listing with a very brief description of the capital projects that are projected for presentation to the County Legislature for authorization during the year 2013. More detail can be found in the County's 2013-2018 Capital Improvement Plan.

FACILITIES MANAGEMENT

Project:	Downtown Campus Various Capital Improvements
Purpose:	Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment, Addition Capacity
Level of Development:	Ongoing
Project Description:	This project will generate improvements in structural integrity, mechanical systems, energy efficiency systems, life/safety issues, office environments, building exteriors, infrastructure, ADA improvements and security and fire alarm systems of buildings and grounds within the Downtown Campus, as well as providing for the preservation of County assets.
Project:	Edward Kochian County Office Building Rehab./Renovation
Purpose:	Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment
Level of Development:	Ongoing
Project Description:	This project entails the continued renovation of the Edward Kochian County Office Building, giving it an extended useful life of forty-five to fifty years with improved fire safety, reduced maintenance, and energy cost savings as a result of complete asbestos abatement, replacement of the existing exterior window curtain wall, upgrading finishes, mechanical systems, fire protection, lighting, and improved energy management. Three of the eight floors (3, 7, and 8), as well as the basement, have been completed. Renovations are planned to coincide with space availability due to staged renovations within the Civic Center complex. Attention to solutions for those with mobility and other unique challenges has been short sighted. Past efforts have met minimum or grandfathered standards and regulations. Onondaga County is striving to achieve comfortable inclusion for the public we serve and our employees.

Project: **Community Plaza Garage**
Purpose: Public/Employee Safety/Health, Maintain Existing Investment
Level of Development: Intermediate

Project Description: The floor of the Community Plaza parking garage has continued to delaminate as a result of chloride contamination of the steel reinforcing bars in the upper level of the slab. The floor of the garage is, in fact, the foundation for the entire structure, including the plaza above. This project is intended to offer a long-term solution to prolong the life of the garage. The sump covers and trench drains are deteriorated, as well, and in desperate need of replacement.

Project: **Oncenter Rehabilitations (NEW)**
Purpose: Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment, Community/Economic Development
Level of Development: Advanced

Project Description: We propose to replace, rehabilitate and restore various fatigued, out of date and failing systems and components within the Oncenter Building group. This will include theater enhancements of acoustical treatments, ADA upgrades and appurtances, building systems modifications, lighting replacements insulation replacements and press box renovations.

Project: **Civic Center Re-roof**
Purpose: Reduce Operating Costs/Efficiency, Maintain Existing Investment
Level of Development: Intermediate

Project Description: The roofs on the Civic Center Office Tower are thirty-nine years old and at the end of their expected life. Several incidents of leaks into the IT server room make this project imperative to our asset protection. This project will require a complete re-roofing of all roofs including replacement of coping covers, pointing of brick veneer at the penthouse, and all associated flashings. We also anticipate improving the thermal insulation value per code, which will offset some of the capital cost with ongoing added energy savings.

Project: Remodeling TA Intake (NEW)
Purpose: Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment, Addition Capacity
Level of Development: Advanced (A)

Project Description: This project will provide for efficiency improvements in the Department of Social Services by renovating the Division of Temporary Assistance Intake - with attention to congestion reduction, staff and public safety, and security - to allow for streamlined and effective delivery of services. This is only the first phase of the project in which we will prepare the study and design.

EMERGENCY COMMUNICATIONS

Project: Replacement of Cooling Tower & Computer Room Cooling (NEW)
Purpose: Maintain Existing Investment
Level of Development: Advanced

Project Description: This project will replace two cooling units in the E9-1-1 Center Computer Room as well as the primary E9-1-1 Center's cooling tower. The two cooling units were designed to be operated in main and alternate configuration. With the addition of the Onondaga County Interoperable Communications System (OCICS) Master Site and Prime Site, as well as other computer servers (including equipment added by the Department of Information Technology), the current air conditioners cannot adequately keep up during hot weather and there is no headroom in the event that one fails. This project will replace the two cooling units with two units that can be operated in main/alternate configuration. This project will also replace the cooling tower which has been in use since the E9-1-1 Center opened in 1992.

Project: Radio Tower & Property Rehabilitation (NEW)
Purpose: Public/Employee Safety/Health
Level of Development: Intermediate

Project Description: The Onondaga County Department of Emergency Communications maintains nineteen radio tower sites located throughout the County. These sites must be maintained in good condition and secured from

intrusion/disruption to protect the integrity of public safety critical radio and microwave systems. This project will ensure that radio tower sites are maintained in good working order.

Project: E9-1-1 Center Facility Rehabilitation (NEW)
Purpose: Public/Employee Safety/Health
Level of Development Preliminary

Project Description The E9-1-1 Center was built in 1991 and has not undergone any significant improvements since then, despite a growth in staff size and specialization, call taking and dispatch activity, and technology systems. This is the first phase of a project that involves engaging the services of an architectural firm to make recommendations and provide cost estimates for replacements/repairs, improvements, and adjustments required to accommodate advancements in technology. This study will also include the former OCSO South Station building which is currently used for storage.

PARKS & RECREATION DEPT.

Project: Park roads, parking areas, and trail paving
Purpose: Maintain Existing Investment, Community/Economic Development
Level of Development: Preliminary

Project Description: This project proposes reconstructing or resurfacing all park roads, parking lots, and trails in need of repair that have not been addressed in recent Parks for Tomorrow Projects or Parks Capital Projects. The new components of this project seek to address various park needs that were not addressed with the authorized bonding in 2011 and the "Loop the Lake" project.

Project: Zoo HVAC Rehabilitation (NEW)
Purpose: Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment
Level of Development: Advanced

Project Description: The Rosamond Gifford Zoo HVAC system is in need of rehabilitation and replacement. Facilities Management began a study in the spring of 2012. The study now in hand has recognized the need to replace Air Handling

Units 2, 5 and 6, as well as the cooling tower, sumps, and reheat coils.

Project: Highland Forest Parking Improvements (NEW)
Purpose: Public/Employee Safety/Health, Maintain Existing Investment, Community/Economic Development
Level of Development: Intermediate
Project Description: The Skyline Lodge parking lot will be repaved and expanded by fifty spaces. Six parking lot lights will also be installed.

Project: Various improvements in Onondaga Lake Park (Willow Bay) (NEW)
Purpose: Maintain Existing Investment, Community/Economic Development
Level of Development: Preliminary
Project Description: This project will result in the design and construction of a continuous recreation trail that encircles Onondaga Lake.

INFORMATION TECHNOLOGY

Project: E-Mail Archiving/ E-Discovery (NEW)
Purpose: Reduce Operating Costs/Efficiency
Level of Development: Advanced
Project Description: This project will equip the County with a system that will allow for efficient retention and retrieval of county e-mails required for litigation and Freedom of Information Law requests.

SHERIFF - CUSTODY

Project: Behavioral Health Unit at the Justice Center (NEW)
Purpose: Public/Employee Safety/Health, Maintain Existing Investment, Federal/State Mandate, Addition Capacity, Other
Level of Development: Preliminary (A)
Project Description: This project is to build a new mental health unit at the site of the fourth tower at the Onondaga County Justice Center Jail. This unit would create space to house approximately

100 inmates and would include a constant supervision that would enable assigned officers to observe four or five inmates on suicide watch, thereby reducing the overtime cost of such details.

SHERIFF – CIVIL

Project: **Special Operations Facility Replacement (NEW)**
Purpose: Public/Employee Safety/Health, Maintain Existing Investment, Addition Capacity
Level of Development: Intermediate (A)
Project Description: This project will renovate the Sheriff's special operations facility, which houses the Sheriff's Office Special Enforcement Section. This section is made up of Aviation, Navigation, K-9, Snowmobile, Underwater Search & Recovery, Hazardous Device Disposal, SWAT, Firearms Training and the Armorer. The building serves as the base of operation for these units and houses a variety of Sheriff's Office vehicles and equipment. This project will also provide for additional space to consolidate the property and evidence facility and provide space for an impound lot.

ONONDAGA COUNTY PUBLIC LIBRARY

Project: **Central Library Reconstruction**
Purpose: Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Community/Economic Development
Level of Development: Intermediate
Budget Impact: **(\$527,000)**
Project Description: Reconstruction of the Onondaga County Public Library's (OCPL's) Robert P. Kinchen Central Library to consolidate public service areas, improve access and visibility, maximize public services, and increase overall operational efficiency.

TRANSPORTATION DEPT.

Project: **Bituminous Surface Treatment**
Purpose: Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment
Level of Development: Ongoing (A)
Project Description: This project provides for the treatment of County highways with a bituminous surface treatment to prolong the life of the wearing surface.

Project: **Bridges**
Purpose: Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment, Federal/State Mandate, Community/Economic Development
Level of Development: Ongoing

Project Description: This program addresses the maintenance and repair of bridges within the County highway system.

Project: **Capital Highway Construction**
Purpose: Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment, Community/Economic Development, Maximize Outside Funding
Level of Development: Ongoing (A)

Project Description: This project involves construction of major highway improvements.

Project: **Cold Mix Bituminous Paving**
Purpose: Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment
Level of Development: Ongoing (A)

Project Description: This project entails the repaving of the 375 miles of secondary County roads on a rotating basis.

Project: **Repaving Program (Hot Mix Bituminous)**
Purpose: Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment, Community/Economic Development, Maximize Outside Funding
Level of Development: Ongoing (A)

Project Description: This program provides for the repaving of major, high volume County roads to maintain our investment in the transportation system.

Project: **Testing, Drainage and Facilities Repair**
Purpose: Public/Employee Safety/Health, Reduce Operating

	Costs/Efficiency, Maintain Existing Investment
Level of Development:	Advanced (A)
Project Description:	Support programs for our Annual Work Plan
Project:	Traffic Systems Management
Purpose:	Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment
Level of Development:	Ongoing (A)
Project Description:	This program addresses Traffic System improvements on County highways.
Project:	Guide Rail
Purpose:	Public/Employee Safety/Health, Maintain Existing Investment
Level of Development:	Ongoing (A)
Project Description:	This program involves the installation of guiderail at various locations on County highways.
Project:	Hot Mix Bituminous Paving/Economic Development (NEW)
Purpose:	Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment, Community/Economic Development
Level of Development:	Intermediate
Project Description:	This project provides for road improvements to support economic development efforts in 2013.
Project:	Replacement of North Area and Camillus Highway Maintenance Facilities
Purpose:	Public/Employee Safety/Health, Reduce Operating Costs/Efficiency
Level of Development:	Intermediate
Budget Impact:	(\$196,454)
Project Description:	This project replaces the Department of Transportation's aging North Area and Camillus maintenance facilities with a new facility centrally located in the northern half of Onondaga County.
Project:	Caughdenoy Road / NYS Route 31 Road Improvements (NEW)

Purpose: Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment, Community/Economic Development, Maximize Outside Funding, Addition Capacity

Level of Development: Preliminary

Project Description: This project will improve Caughdenoy Road from NYS Route 31 to 0.61 miles north in conjunction with the Clay Business Park Development. The intersection of NYS Route 31 and Caughdenoy Road will also be improved.

WATER ENVIRONMENT PROTECTION

Project: Metro WWTP (002) Bypass Treatment

Purpose: Federal/State Mandate

Level of Development: Preliminary

Project Description: As a result of the new Metro Waste Water Treatment Plant State Pollutant Discharge Elimination System (SPDES) permit, bypasses from Metro must be treated to simultaneously meet specific fecal coliform bacteria and residual chlorine limits. The existing infrastructure is inadequate to meet those new limits. New and additional process tankage and chemical treatment systems will be installed to meet those limits.

Project: Metro WWTP Phosphorus Treatment System Optimization

Purpose: Reduce Operating Costs/Efficiency, Maintain Existing Investment, Federal/State Mandate

Level of Development: Intermediate (A)

Project Description: This project is for various modifications, upgrades, and improvements to Metro Waste Water Treatment Plant Biological Aerated Filter (BAF) and High-Rate Flocculated Settling (HRFS) systems so as to enhance and maximize system performance. The BAF and HRFS systems are those unit processes used at Metro to remove ammonia and phosphorus, respectively, in accordance with NYSDEC SPDES permit mandates. The project will also serve to respond to the improvement needs borne out of the November 2009 4th Stipulation of the ACJ and the Onondaga Lake Total Maximum Daily Load (TMDL) for phosphorus.

Project: **Wastewater Transportation System Improvements**
Purpose: Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment, Federal/State Mandate
Level of Development: Ongoing (A)

Project Description: This project consists of three primary or categorical elements: pump station improvements, trunk sewer improvements, and facility maintenance improvements (i.e., paving, roofing, and larger-scale maintenance activities).

Project: **Oneida Lake PS (NEW)**
Purpose: Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment, Federal/State Mandate
Level of Development: Preliminary

Project Description: The Onondaga County Department of Water Environment Protection will be evaluating the rehabilitation/upgrades to the Oneida Lake Pump Stations and associated sewer forcemains, including Harbor Village, Long Point, Maple Bay, Muskrat Bay, Polar Beach, Shepard Point, and South Bay.

Project: **Brewerton WWTP Improvements (NEW)**
Purpose: Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment
Level of Development: Preliminary

Project Description: The Brewerton Waste Water Treatment Plant is over forty years old. Various small and discrete improvements and repairs have been done to the facility as a means of operational enhancements and infrastructure maintenance. There is a contemporary need to evaluate the overall condition of the treatment plant's infrastructure so as to ensure continued satisfactory operation and extend its service life. Final design and construction will be performed for a variety of infrastructure improvements to enhance regulatory compliance and reduce energy consumption. This project is to include installation of a new dechlorination system to comply with new NYSDEC SPDES requirements.

Project: Energy Efficiency Improvements/Performance Contracting/Power Purchase Agreement
Purpose: Reduce Operating Costs/Efficiency, Other
Level of Development: Preliminary

Project Description: As part of the County's effort to pursue sustainability, effect the goals of the County's Climate Action Plan and reduce annual operating costs, the Department intends to seek legislative authorization in calendar year 2013, to undertake a project or projects in which the County and selected vendors analyze systems and operating performance in an effort to identify opportunities for cost-neutral performance contracting, energy efficiency enhancements supported by the State's Cleaner Greener Community program, or through the deployment of renewable energy resources via Power Purchase Agreements (PPAs).

Project: Metro WWTP Primary and Thickener Pump Replacement (NEW)
Purpose: Maintain Existing Investment
Level of Development: Intermediate

Project Description: This project seeks to provide for the replacement of select primary sludge and thickener sludge pumps installed more than thirty years ago at the Metro Waste Water Treatment Plant. This project shall also involve the installation of macerators for providing additional conditioning of sludge sent to Metro's digesters, and provide for increased operational monitoring and control of associated pumping systems.

Project: Clay Industrial Park (forcemain) (NEW)
Purpose: Community/Economic Development
Level of Development: Advanced

Project Description: This project will provide public sewer service to the Clay Industrial Park, which is located along Route 31 and Caughdenoy Road in the Town of Clay, Onondaga County. The project is estimated to cost \$5.3 million and will consist of a pumping station and a dual 6" and 12" PVC sanitary forced pressure main that will be approximately 20,500 feet in length and will be routed to the Oak Orchard Wastewater Treatment Plant that is located along the Oneida River in the Town of Clay.

