

# **Debt Service and Capital Planning**

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## **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 resolutions, 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 5 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 (5 years from the original date of borrowing), the BAN must be converted to a Serial Bond. There is an exception to the 4-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 received the following ratings in 2020: AA+ by Fitch, AA by S&P and Aa3 by Moody's.

### **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.

The County has been proactive in making debt management a priority. In 2009, the County took advantage of the available incentives and issued Build America Bonds (BAB's) and Recovery Zone Bonds (RZ's) totaling \$22.4 million. Over the 16 year life of the BAB's the County expected to realize the Federal Government's 35% interest subsidy of \$3.7 million and for the 20 years of the RZ's, a 45% subsidy totaling over \$2.3 million. The Federal Government's sequestration has eliminated a percentage of the annual subsidy beginning in March 2013 extending through September 20, 2023. The County refunded these bonds in June 2019, saving an additional \$1.93 million through 2030.

As part of the 2008 budget process, the County amended its 1999 resolution that established the 10% fund balance goal. The calculation for General Fund revenues was formally adjusted to reflect the 2006 NYS accounting change for sales tax passed-through to other municipalities. Since the County ended 2006 with its fund balance at 12.9% of General Fund revenues, the 2008 budget allocated \$8 million to fund projects for which the County had not yet borrowed. That provided approximately 15 years of \$750,000 annual tax relief.

The County actively monitors its outstanding debt, reviewing candidates for refunding. Taking advantage of the lowest interest-rate environment in forty years, the County over the past five years has refunded multiple debt issuances which include: approximately \$33.88 million in November 2016 saving \$3.75 million through 2030, \$36 million in October 2017 saving an additional \$3.39 million through 2033, \$24.4 million in July 2019 saving an additional \$1.93 million through 2030 and \$24.75 million in February 2020 saving an additional \$2.86 million through 2037.

The County has established the following policies to guide its management of General Fund debt (calculations based on 2021 Budget):

1. Debt service costs paid through the General Fund will not exceed 5.5% of total General Fund revenue. For 2021, debt service costs are 4.25% of revenues.
2. The County's General Fund total net direct indebtedness will not exceed \$700 per capita or 1.5% of the full valuation of taxable property in the County.
3. Net General Fund indebtedness is \$576.98 per capita and 0.977% of the County's full valuation. (Population source is 2010 U. S. Census Bureau)
4. Rapid pay down of debt will continue as a goal of the County's debt management policies, with a target of 65% of outstanding General Fund 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, 72% of the County's outstanding general fund debt is scheduled to be retired within 10 years.

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 60 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.

### **Debt Limits**

Local Finance Law prohibits the County from issuing debt in excess of the Debt Limit. The 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. As of September 4, 2020 the County will have exhausted 18.70% of its Debt-Contracting Power, an increase from the 15.5% in 2000. Despite the issuance of new debt the percentage of Debt-Contracting Power has increased marginally due to the use of tobacco bond revenues to defease \$115M of General Fund debt (2001 & 2005). The following table is the calculation of Total Net Indebtedness:

## Calculation of Total Net Indebtedness (As of October 15, 2020)

5 Year Average Full Valuation of Taxable Real Property		\$27,571,468,247
Debt Limit (7% of 5 year average)		\$1,930,002,777
Outstanding Indebtedness:		
Bonds	\$ 668,774,709	
Bond Anticipation Notes	\$ 12,451,421	
Outstanding Gross Indebtedness	\$ 681,226,130	
Less Exclusions	\$ (320,358,406)	
Total Net Indebtedness		\$360,867,724
Net Debt-Contracting Margin		\$1,569,135,053
Percentage of Debt-Contracting Power Exhausted		18.70% <sup>1</sup>

<sup>1</sup> 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

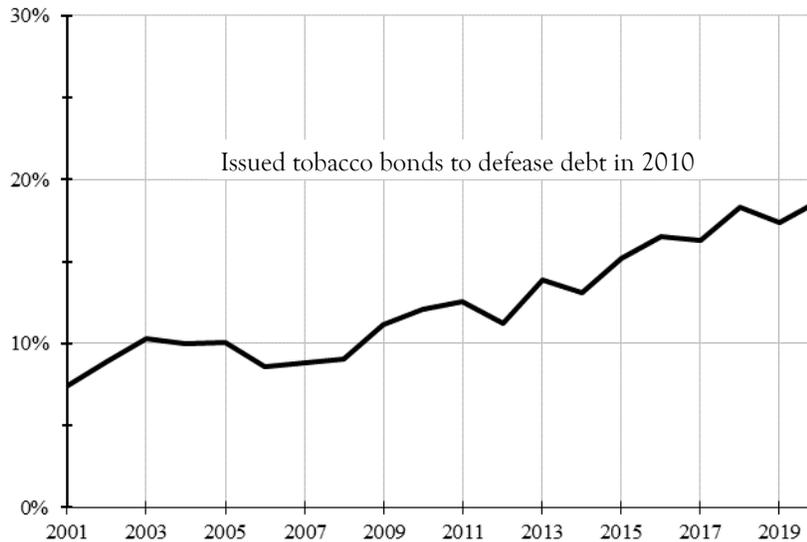
Onondaga County's use of its constitutional debt limit declined dramatically in 2001 when it defeased \$95M of general fund debt, using proceeds from tobacco revenue bonds. A second tobacco bond sale in 2005 enabled an additional \$20M in debt to be defeased. The current percentage of debt contracting power that has been exhausted is 16.03%, which is down in comparison to an average of 17.8% for the years 1994 - 2000. The debt margin is more than 5 times the total net indebtedness and provides ample flexibility to continue to meet the capital needs of the County.

### 2020 Debt Limit and Debt Margin (as of September 4, 2020)

Debt Limit	\$1,930,002,777
Total Net Indebtedness	\$360,867,724
Debt Margin	\$1,569,135,053
Percentage of Debt Limit Used	18.70%

**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 5 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

**2021**

	Countywide Tax Levy	Van Duyn	Water/Ad Valorem Tax	WEP/Unit Charge	Total
<b>General Oblig. Principal</b>	23,078,653	405,147	2,142,094	8,306,496	<b>33,932,390</b>
<b>General Oblig. Interest</b>	9,826,799	50,833	1,252,415	4,147,061	<b>15,277,108</b>
<b>NYS EFC* Principal</b>	0	0	0	14,023,261	<b>14,023,261</b>
<b>NYS EFC* Interest</b>	0	0	0	3,924,639	<b>3,924,639</b>
<b>Estimated EFC* Principal</b>	0	0	0	0	<b>0</b>
<b>Estimated EFC* Interest</b>	0	0	0	400,000	<b>400,000</b>
<b>Fiscal Agent Fees</b>	40,530	0	0	605,043	<b>645,573</b>
<b>Debt Service Totals</b>	32,945,982	455,980	3,394,509	31,406,500	<b>68,202,971</b>
<b>RBD/Subsidy/Other**</b>	4,593,602	0	45,413	1,072,025	<b>5,711,040</b>
<b>Charges to Operating Fund</b>	<b>28,352,380</b>	<b>455,980</b>	<b>3,349,096</b>	<b>30,334,475</b>	<b>62,491,931</b>

Note: WEP - Water Environment Protection (Consolidated Sanitary District and Drainage Districts)

\*EFC – Environmental Facilities Corporation, a New York State agency financing environmental projects.

\*\*Includes subsidies for Oneida Exclusivity

## Debt Service Summary - Countywide Debt Service 2021

Department/Fund	General Obligation		Fiscal Agent Fees	Debt Service Totals	RBD/ Fed Subsidy Other Sources	Charge to Operating Fund
	Principal	Interest				
Office of Environment	336,230	45,206	0	381,436	45,206	<b>336,230</b>
Board of Elections	49,870	857	0	50,727	0	<b>50,727</b>
Community College	2,694,220	1,060,910	0	3,755,130	9,534	<b>3,745,596</b>
OnCenter Complex	846,868	369,511	40,000	1,256,379	0	<b>1,256,379</b>
Information Technology	1,061,623	148,318	0	1,209,941	33,959	<b>1,175,982</b>
Facilities	4,092,278	1,561,956	530	5,654,764	439,793	<b>5,214,971</b>
Finance	0	190,669	0	190,669	190,669	<b>0</b>
County Clerk	146,890	21,922	0	168,812	10,422	<b>158,390</b>
Sheriff - Correction	123,875	85,828	0	209,703	22,572	<b>187,131</b>
Children & Family Services	468,274	262,386	0	730,660	168,742	<b>561,918</b>
Parks & Recreation	3,623,687	2,661,426	0	6,285,113	3,286,819	<b>2,998,294</b>
Library	281,872	171,049	0	452,921	40,553	<b>412,368</b>
Transportation	7,809,360	2,916,851	0	10,726,211	243,346	<b>10,482,865</b>
Emergency Communications	1,543,606	329,910	0	1,873,516	101,987	<b>1,771,529</b>
<b>TOTALS</b>	<b>23,078,653</b>	<b>9,826,799</b>	<b>40,530</b>	<b>32,945,982</b>	<b>4,593,602</b>	<b>28,352,380</b>

## Debt Service Summary - Special Districts 2021

	Van Duyn	Water District	Consol. San Dist	Meadowb rook DD	Bear Trap DD	Bloody Brook DD	Harbor Brook DD	Total
General Oblig. Principal	405,147	2,142,094	7,970,433	222,063	27,000	79,000	8,000	<b>10,853,737</b>
General Oblig. Interest	50,833	1,252,415	4,065,122	49,288	12,770	13,161	6,720	<b>5,450,309</b>
NYS EFC* Principal	0	0	14,023,261	0	0	0	0	<b>14,023,261</b>
NYS EFC* Interest	0	0	3,924,639	0	0	0	0	<b>3,924,639</b>
Estimated EFC* Principal	0	0	0	0	0	0	0	<b>0</b>
Estimated EFC* Interest	0	0	400,000	0	0	0	0	<b>400,000</b>
Fiscal Agent Fees	0	0	605,043	0	0	0	0	<b>605,043</b>
Debt Service Totals	455,980	3,394,509	30,988,498	271,351	39,770	92,161	14,720	<b>35,256,989</b>
RBD/Fed <sup>1</sup> Subsidy/ Other	0	45,413	1,072,025	0	0	0	0	<b>1,117,438</b>
<b>Charges to Operating Fund</b>	<b>455,980</b>	<b>3,349,096</b>	<b>29,916,473</b>	<b>271,351</b>	<b>39,770</b>	<b>92,161</b>	<b>14,720</b>	<b>34,139,551</b>

<sup>1</sup> Includes Reserves for Bonded Debt

**County Indebtedness**  
**Authorized and Unissued**

**As of October 15, 2020**

<b>Department</b>	<b>Authorized and Unissued</b>
Office of Environment	1,425,000
Facilities	2,578,299
Parks & Recreation	15,770,911
Finance	64,000,000
Children and Family Services	500
Transportation	16,773,328
Emergency Communications	1,958,276
Information Technology	430,000
Sheriff	100,000
Community College	1,000,205
Water Environment Protection	156,700,012
Metro Water Board	1,425,000
<b>Total</b>	<b>262,161,531</b>

## Serial Bonds 2021 Debt Service

Title of Bond	Final Maturity	Interest Rate*	Amount Issued	Initial Interest	2021 Principal	2021 Interest	Balance (P) 12/31/2021
N.Y.S. E.F.C. Bonds 2001B*	2021	2.31%	2,195,433	1,108,934	125,000	1,069	0
N.Y.S. E.F.C. Bonds 2002A*	2021	4.52%	1,980,745	1,980,745	110,884	-9,092	0
N.Y.S. E.F.C. Bonds 2002G*	2028	1.31%	14,681,217	5,432,687	685,000	91,472	3,760,000
N.Y.S. E.F.C. Bonds 2003A*	2022	4.31%	1,128,465	1,583,722	60,000	0	60,000
N.Y.S. E.F.C. Bonds 2003F*	2023	3.82%	4,657,961	1,868,010	265,000	4,152	545,000
N.Y.S. E.F.C. Bonds 2004D*	2024	4.49%	9,579,475	4,760,948	535,000	23,172	1,670,000
N.Y.S. E.F.C. Bonds 2005A*	2024	3.89%	17,469,284	7,080,442	990,000	0	3,080,000
N.Y.S. E.F.C. Bonds 2005B*	2025	3.69%	5,495,439	2,218,182	305,000	29,050	1,270,000
N.Y.S. E.F.C. Bonds 2006C*	2036	4.96%	44,610,657	44,610,657	1,515,000	413,154	24,105,000
N.Y.S. E.F.C. Bonds 2007D*	2036	4.18%	41,442,558	26,106,369	1,700,000	245,322	19,475,000
N.Y.S. E.F.C. Bonds 2008A&B*	2028	4.27%	1,645,373	801,562	85,000	15,692	650,000
N.Y.S. E.F.C. Bonds 2010C*	2030	2.41%	2,972,800	1,150,144	145,000	30,054	1,415,000
N.Y.S. E.F.C. Bonds 2011C*	2031	1.75%	15,603,494	6,787,783	775,000	176,927	8,625,000
N.Y.S. E.F.C. Bonds 2012B*	2034	1.02%	11,395,171	4,410,561	0	126,045	7,600,000
GO Refund Bonds 2012	2025	2.51%	20,615,000	3,844,196	1,010,000	123,263	2,565,000
N.Y.S. E.F.C. Bonds 2012E*	2032	0.78%	4,100,953	1,238,401	200,000	38,440	2,465,000
General Obligation Bonds 2013	2033	3.17%	67,870,000	30,461,070	4,075,000	101,871	0
N.Y.S. E.F.C. Bonds 2014B*	2044	0.62%	128,800,968	79,460,686	3,800,000	1,915,584	103,440,000
General Obligation Bonds 2014	2034	2.63%	34,800,000	12,060,823	2,400,000	777,438	19,000,000
GO Refund Bonds 2014	2036	2.19%	19,600,000	5,951,257	2,090,000	459,750	8,150,000
General Obligation Bonds 2015	2045	3.43%	79,900,000	46,215,073	2,640,000	2,618,331	67,395,000
GO Refund Bonds 2015	2027	2.22%	11,370,000	3,592,519	1,270,000	314,800	6,245,000
QECB 2015	2025	3.50%	2,650,000	1,041,161	265,000	104,145	1,060,000
General Obligation Bonds 2016	2036	2.08%	26,500,000	7,770,442	2,050,000	613,981	18,560,000
GO Refund Bonds 2016	2030	1.72%	35,885,000	10,716,026	5,235,002	1,241,169	25,000,004
N.Y.S. E.F.C Bonds 2016B*	2037	2.48%	3,886,715	524,856	0	35,363	3,090,000
General Obligation Bonds 2017	2037	2.76%	21,780,000	8,219,576	1,215,000	735,175	18,245,000
GO Refund Bonds 2017	2033	2.21%	33,835,000	14,601,419	5,000	1,580,850	33,210,000
N.Y.S. E.F.C Bonds 2017C*	2038	3.64%	46,040,049	15,439,426	1,740,946	534,483	38,750,000
General Obligation Bonds 2018	2038	2.75%	51,960,000	15,232,562	2,825,000	1,876,425	46,395,000
General Obligation Bonds 2019	2039	3.90%	44,777,388	18,481,474	2,152,388	1,784,610	42,625,000
GO Refund Bonds 2019	2030	4.75%	24,395,000	4,711,988	3,885,000	911,375	16,285,000
N.Y.S. E.F.C Bonds 2019A*	2039	2.11%	23,741,220	6,689,311	986,431	253,754	21,600,000
General Obligation Bonds 2020	2041	1.73%	50,395,000	11,631,113	0	960,875	50,395,000
GO Refund Bonds 2020	2037	1.43%	24,750,000	7,147,204	2,815,000	1,073,050	21,935,000
<b>TOTAL:</b>			<b>932,510,365</b>	<b>414,931,328</b>	<b>47,955,651</b>	<b>19,201,746</b>	<b>618,665,004</b>

\*Interest Rates for General Obligation Bonds are based on the True Interest Costs, while rates for EFC Loans are based on the budget year coupon per maturity

## Serial Bonds 2021 Debt Service by Department

	No.	Year	Final	Interest	2021 Serial Bond Payments		
		Issued	Maturity	Rate	Principal	Interest	Total
<b>Office of Environment</b>							
General Obligation Bonds	830	2016	2036	2.08%	194,000	4,850	198,850
General Obligation Bonds	860	2019	2039	2.59%	142,230	26,056	168,286
General Obligation Bonds	870	2020	2041	1.73%	0	14,300	14,300
<b>Total: Office of Environment</b>					<b>336,230</b>	<b>45,206</b>	<b>381,436</b>
<b>Board of Elections</b>							
General Obligation Refunding Bonds	831	2016	2030	1.00%	49,870	857	50,727
<b>Total: Board of Elections</b>					<b>49,870</b>	<b>857</b>	<b>50,727</b>
<b>County Clerk</b>							
General Obligation Bonds	850	2018	2038	2.75%	90,000	11,500	101,500
General Obligation Bonds	860	2019	2039	2.59%	56,890	10,422	67,312
<b>Total: Office of Environment</b>					<b>146,890</b>	<b>21,922</b>	<b>168,812</b>
<b>Onondaga Community College</b>							
General Obligation Refunding Bonds	790	2012	2025	2.51%	169,000	29,433	198,433
General Obligation Bonds	800	2013	2033	3.17%	480,000	12,000	492,000
General Obligation Bonds	810	2014	2034	2.63%	85,000	24,025	109,025
General Obligation Refunding Bonds	811	2014	2026	2.19%	243,900	68,193	312,093
General Obligation Bonds	820	2015	2045	3.43%	2,000	1,396	3,396
General Obligation Refunding Bonds	821	2015	2027	2.22%	263,407	67,880	331,287
General Obligation Bonds	830	2016	2036	2.08%	227,000	126,976	353,976
General Obligation Refunding Bonds	831	2016	2033	1.72%	688,074	277,991	966,065
General Obligation Bonds	840	2017	2037	2.76%	41,000	33,615	74,615
General Obligation Refunding Bonds	841	2017	2033	2.21%	589	157,048	157,637
General Obligation Bonds	850	2018	2038	2.75%	34,000	28,860	62,860
General Obligation Bonds	860	2019	2039	2.59%	19,750	19,219	38,969
General Obligation Refunding Bonds	861	2019	2039	1.55%	359,100	173,703	532,803
General Obligation Bonds	870	2020	2041	1.73%	0	9,533	9,533
General Obligation Refunding Bonds	871	2020	2037	1.43%	81,400	31,038	112,438
<b>Total: Community College</b>					<b>2,694,220</b>	<b>1,060,910</b>	<b>3,755,130</b>
<b>Correction</b>							
General Obligation Refunding Bonds	831	2016	2030	1.00%	95,345	51,543	146,888
General Obligation Bonds	850	2018	2038	2.75%	14,000	11,713	25,713
General Obligation Bonds	860	2019	2039	2.59%	14,530	14,145	28,675

## Serial Bonds 2021 Debt Service by Department

	No.	Year	Final	Interest	2021 Serial Bond Payments		
		Issued	Maturity	Rate	Principal	Interest	Total
General Obligation Bonds	870	2020	2041	1.73%	0	8,428	8,428
<b>Total: Corrections</b>					<b>123,875</b>	<b>85,828</b>	<b>209,703</b>
<b>OnCenter Complex</b>							
General Obligation Refunding Bonds	790	2012	2024	2.51%	66,000	7,835	73,835
General Obligation Bonds	800	2013	2033	3.17%	55,000	1,375	56,375
General Obligation Bonds	820	2015	2045	3.43%	22,700	15,623	38,323
General Obligation Bonds	830	2016	2036	2.08%	82,000	45,375	127,375
General Obligation Refunding Bonds	831	2016	2030	0.00%	476,100	201,223	677,323
General Obligation Refunding Bonds	841	2017	2033	2.21%	68	28,303	28,371
General Obligation Refunding Bonds	861	2019	2039	1.55%	133,600	65,440	199,040
General Obligation Bonds	870	2020	2041	1.73%	11,400	4,337	15,737
<b>Total: OnCenter Complex</b>					<b>846,868</b>	<b>369,511</b>	<b>1,216,379</b>
<b>Information Technology</b>							
General Obligation Bonds	800	2013	2033	3.17%	445,000	11,125	456,125
General Obligation Bonds	820	2015	2045	3.43%	44,900	30,898	75,798
General Obligation Refunding Bonds	831	2016	2030	0.00%	470,477	8,086	478,563
General Obligation Refunding Bonds	841	2017	2033	2.21%	546	25,867	26,413
General Obligation Bonds	870	2020	2041	1.73%	0	33,958	33,958
General Obligation Refunding Bonds	871	2020	2037	1.43%	100,700	38,384	139,084
<b>Total: Information Technology</b>					<b>1,061,623</b>	<b>148,318</b>	<b>1,209,941</b>
<b>Facilities Management</b>							
General Obligation Refunding Bonds	790	2012	2025	2.51%	122,000	15,488	137,488
General Obligation Bonds	800	2013	2033	3.17%	250,000	6,250	256,250
General Obligation Bonds	810	2014	2034	2.63%	365,000	202,438	567,438
General Obligation Refunding Bonds	811	2014	2026	2.19%	164,100	44,953	209,053
General Obligation Bonds	820	2015	2045	3.43%	69,500	49,124	118,624
General Obligation Refunding Bonds	821	2015	2027	2.22%	112,889	28,086	140,975
QECCB	822	2015	2025	3.50%	265,000	104,145	369,145
General Obligation Refunding Bonds	831	2016	2030	0.00%	152,552	45,718	198,270
General Obligation Bonds	840	2017	2037	0.00%	77,000	62,495	139,495
General Obligation Refunding Bonds	841	2017	2033	2.21%	307	57,075	57,382
General Obligation Bonds	850	2018	2038	2.75%	501,000	398,339	899,339
General Obligation Bonds	860	2019	2039	2.59%	224,130	218,133	442,263
General Obligation Refunding Bonds	861	2019	2039	1.55%	1,316,000	118,000	1,434,000

## Serial Bonds 2021 Debt Service by Department

	No.	Year	Final	Interest	2021 Serial Bond Payments		
		Issued	Maturity	Rate	Principal	Interest	Total
General Obligation Bonds	870	2020	2041	1.73%	0	31,474	31,474
General Obligation Refunding Bonds	871	2020	2037	1.43%	472,800	180,238	653,038
<b>Total: Facilities</b>					<b>4,092,278</b>	<b>1,561,956</b>	<b>5,654,234</b>
<b>Finance</b>							
General Obligation Bonds	870	2020	2041	1.73%	0	190,669	190,669
<b>Total: Board of Elections</b>					<b>0</b>	<b>190,669</b>	<b>190,669</b>
<b>Children and Family Services</b>							
General Obligation Refunding Bonds	811	2014	2026	2.19%	262,600	74,250	336,850
General Obligation Refunding Bonds	821	2015	2027	2.22%	56,444	15,449	71,893
General Obligation Bonds	850	2018	2038	2.75%	11,000	3,945	14,945
General Obligation Bonds	860	2019	2039	2.59%	138,230	134,536	272,766
General Obligation Bonds	870	2020	2041	1.73%	0	34,206	34,206
<b>Total: Children and Family Services</b>					<b>468,274</b>	<b>262,386</b>	<b>730,660</b>
<b>Parks &amp; Recreation</b>							
General Obligation Bonds	800	2013	2033	3.17%	345,000	8,625	353,625
General Obligation Bonds	810	2014	2034	2.63%	140,000	42,050	182,050
General Obligation Bonds	820	2015	2045	3.43%	1,260,000	1,668,213	2,928,213
General Obligation Bonds	830	2016	2036	2.08%	165,000	91,965	256,965
General Obligation Refunding Bonds	831	2016	2030	0.00%	429,132	52,578	481,710
General Obligation Bonds	840	2017	2037	0.00%	43,000	25,355	68,355
General Obligation Refunding Bonds	841	2017	2033	2.21%	423	109,964	110,387
General Obligation Bonds	850	2018	2038	2.75%	377,000	164,630	541,630
General Obligation Bonds	860	2019	2039	2.59%	320,932	278,185	599,117
General Obligation Refunding Bonds	861	2019	2039	1.55%	346,700	93,993	440,693
General Obligation Bonds	870	2020	2041	1.73%	0	50,973	50,973
General Obligation Refunding Bonds	871	2020	2037	1.43%	196,500	74,895	271,395
<b>Total: Parks &amp; Recreation</b>					<b>3,623,687</b>	<b>2,661,426</b>	<b>6,285,113</b>
<b>Library</b>							
General Obligation Bonds	800	2013	2033	2.17%	140,000	3,500	143,500
General Obligation Bonds	820	2015	2045	3.43%	115,000	78,231	193,231
General Obligation Refunding Bonds	841	2017	2033	2.21%	172	79,138	79,310
General Obligation Bonds	870	2020	2041	1.73%	26,700	10,180	36,880
<b>Total: Library</b>					<b>281,872</b>	<b>171,049</b>	<b>452,921</b>

## Serial Bonds 2021 Debt Service by Department

	No.	Year	Final	Interest	2021 Serial Bond Payments		
		Issued	Maturity	Rate	Principal	Interest	Total
<b>Transportation (County Road Fund)</b>							
General Obligation Refunding Bonds	790	2012	2024	2.51%	389,000	32,916	421,916
General Obligation Bonds	800	2013	2033	3.17%	660,000	16,496	676,496
General Obligation Bonds	810	2014	2034	2.63%	853,000	211,300	1,064,300
General Obligation Refunding Bonds	811	2014	2026	2.19%	342,500	31,903	374,403
General Obligation Bonds	820	2015	2045	3.43%	310,000	213,700	523,700
General Obligation Refunding Bonds	821	2015	2027	2.22%	94,074	5,625	99,699
General Obligation Bonds	830	2016	2036	2.08%	461,000	182,366	643,366
General Obligation Refunding Bonds	831	2016	2030	0.00%	1,396,984	244,542	1,641,526
General Obligation Bonds	840	2017	2037	0.00%	397,000	247,415	644,415
General Obligation Refunding Bonds	841	2017	2033	2.21%	809	230,664	231,473
General Obligation Bonds	850	2018	2038	2.75%	635,000	486,619	1,121,619
General Obligation Bonds	860	2019	2039	2.59%	278,193	202,855	481,048
General Obligation Refunding Bonds	861	2019	2039	1.55%	1,312,300	308,033	1,620,333
General Obligation Bonds	870	2020	2041	1.73%	0	243,345	243,345
General Obligation Refunding Bonds	871	2020	2037	1.43%	679,500	259,071	938,571
<b>Total: Transportation</b>					<b>7,809,360</b>	<b>2,916,851</b>	<b>10,726,211</b>
<b>E - 911</b>							
General Obligation Refunding Bonds	811	2014	2026	2.19%	281,400	7,035	288,435
General Obligation Bonds	820	2015	2045	3.43%	15,900	10,934	26,834
General Obligation Refunding Bonds	821	2015	2027	2.22%	75,259	1,505	76,764
General Obligation Refunding Bond	831	2016	2030	0.00%	953,447	147,909	1,101,356
General Obligation Bonds	840	2017	2040	0.00%	105,000	34,925	139,925
General Obligation Bonds	850	2018	2038	2.75%	13,000	10,989	23,989
General Obligation Bonds	860	2019	2039	2.59%	19,600	14,410	34,010
General Obligation Refunding Bonds	861	2019	2039	1.55%	80,000	11,150	91,150
General Obligation Bonds	870	2020	2041	1.73%	0	91,054	91,054
<b>Total: E - 911</b>					<b>1,543,606</b>	<b>329,910</b>	<b>1,873,516</b>
<b>Van Duyn</b>							
General Obligation Bonds	800	2013	2033	3.17%	120,000	3,000	123,000
General Obligation Refunding Bonds	841	2017	2033	2.21%	147	11,208	11,355
General Obligation Bonds	850	2018	2038	2.75%	285,000	36,625	321,625
<b>Total: Van Duyn</b>					<b>405,147</b>	<b>50,833</b>	<b>455,980</b>

## Serial Bonds 2021 Debt Service by Department

	No.	Year	Final	Interest	2021 Serial Bond Payments		
		Issued	Maturity	Rate	Principal	Interest	Total
<b>Consolidated Sanitary District</b>							
N.Y.S. E.F.C. 2001 Series B Bonds	635	2001	2021	2.31%	125,000	1,069	126,069
N.Y.S. E.F.C. 2002 Series A Bonds	645	2002	2021	4.52%	110,884	-9,092	101,792
N.Y.S. E.F.C. 2002 Series G Bonds	655	2002	2028	1.31%	685,000	91,472	776,472
N.Y.S. E.F.C. 2003 Series A Bonds	665	2003	2022	4.31%	60,000	0	60,000
N.Y.S. E.F.C. 2003 Series F Bonds	675	2003	2023	3.82%	265,000	4,152	269,152
N.Y.S. E.F.C. 2004 Series D Bonds	685	2004	2024	4.49%	535,000	23,172	558,172
N.Y.S. E.F.C. 2005 Series A Bonds	695	2005	2024	3.89%	990,000	0	990,000
N.Y.S. E.F.C. 2005 Series B Bonds	705	2005	2025	3.69%	305,000	29,050	334,050
N.Y.S. E.F.C. 2006 Series C Bonds	715	2006	2036	4.96%	1,515,000	413,154	1,928,154
N.Y.S. E.F.C. 2007 Series D Bonds	725	2007	2036	4.18%	1,700,000	245,322	1,945,322
N.Y.S. E.F.C. 2008 Series A&B Bonds	735	2008	2028	4.27%	85,000	15,692	100,692
N.Y.S. E.F.C. 2010 Series C Bonds	755	2010	2030	2.41%	145,000	30,054	175,054
N.Y.S. E.F.C. 2011 Series C Bonds	765	2011	2031	1.75%	775,000	176,927	951,927
N.Y.S. E.F.C. 2012 Series B Bonds	775	2012	2034	1.02%	0	126,045	126,045
General Obligation Refunding Bonds	790	2012	2025	2.51%	159,000	21,144	180,144
N.Y.S. E.F.C. 2012 Series E Bonds	795	2012	2032	0.78%	200,000	38,440	238,440
General Obligation Bonds	800	2013	2033	3.17%	900,000	22,500	922,500
N.Y.S. E.F.C. 2014 Series B Bonds	805	2014	2044	0.62%	3,800,000	1,915,584	5,715,584
General Obligation Bonds	810	2014	2034	2.63%	755,000	193,075	948,075
General Obligation Refunding Bonds	811	2014	2026	2.19%	638,700	189,503	828,203
General Obligation Bonds	820	2015	2045	3.34%	550,000	378,425	928,425
General Obligation Refunding Bonds	821	2015	2027	2.22%	545,631	159,979	705,610
General Obligation Bonds	830	2016	2036	2.08%	873,000	135,505	1,008,505
General Obligation Refunding Bonds	831	2016	2030	0.00%	518,254	209,368	727,622
N.Y.S E.F.G 2016 Series B Bonds	815	2016	2037	0.00%	0	35,363	35,363
N.Y.S E.F.G 2017 Series C Bonds	825	2017	2038	3.64%	1,740,946	534,483	2,275,429
General Obligation Bonds	840	2017	2037	0.00%	465,000	259,805	724,805
General Obligation Refunding Bonds	841	2017	2033	2.21%	1,105	461,367	462,472
General Obligation Bonds	850	2018	2038	2.75%	780,000	650,738	1,430,738
General Obligation Bonds	860	2019	2039	2.59%	848,343	776,359	1,624,702
General Obligation Refunding Bonds	861	2019	2039	1.55%	268,300	132,683	400,983
N.Y.S E.F.G 2019 Series A Bonds	835	2019	2039	1.46%	986,431	253,754	1,240,185
General Obligation Bonds	870	2020	2041	1.73%	0	220,045	220,045
General Obligation Refunding Bonds	871	2020	2037	1.43%	668,100	254,627	922,727
<b>Total: Consol. Sanitary District</b>					<b>21,993,694</b>	<b>7,989,761</b>	<b>29,983,455</b>

## Serial Bonds 2021 Debt Service by Department

	No.	Year	Final	Interest	2021 Serial Bond Payments		
		Issued	Maturity	Rate	Principal	Interest	Total
<b>Drainage Districts</b>							
General Obligation Refunding Bonds	790	2012	2025	2.51%	105,000	16,446	121,446
General Obligation Refunding Bonds	821	2015	2027	2.22%	122,296	36,276	158,572
General Obligation Refunding Bonds	831	2016	2030	0.00%	4,767	1,352	6,119
General Obligation Bonds	840	2017	2037	0.00%	13,000	11,115	24,115
General Obligation Refunding Bonds	861	2019	2039	1.55%	69,000	8,375	77,375
General Obligation Refunding Bonds	871	2020	2037	1.43%	22,000	8,375	30,375
<b>Total: Drainage Districts</b>					<b>336,063</b>	<b>81,939</b>	<b>418,002</b>
<b>Water District</b>							
General Obligation Bonds	800	2013	2033	3.17%	680,000	17,000	697,000
General Obligation Bonds	810	2014	2034	2.63%	202,000	104,550	306,550
General Obligation Refunding Bonds	811	2014	2026	2.19%	156,800	43,915	200,715
General Obligation Bonds	820	2015	2045	3.34%	250,000	171,788	421,788
General Obligation Bonds	830	2016	2036	2.08%	48,000	26,944	74,944
General Obligation Bonds	840	2016	2037	0.00%	74,000	60,450	134,450
General Obligation Refunding Bonds	841	2017	2033	2.21%	834	420,216	421,050
General Obligation Bonds	850	2018	2038	2.75%	85,000	72,469	157,469
General Obligation Bonds	860	2019	2039	2.59%	89,560	90,289	179,849
General Obligation Bonds	870	2020	2041	1.73%	0	32,890	32,890
General Obligation Refunding Bonds	871	2020	2037	1.43%	555,900	211,905	767,805
<b>Total: Water District</b>					<b>2,142,094</b>	<b>1,252,415</b>	<b>3,394,509</b>
<b>Total: All Funds</b>					<b>47,955,651</b>	<b>19,201,746</b>	<b>67,157,398</b>

\* All payments are as scheduled with no subsidies or other offsets applied

# 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, 3 spending priorities emerge: Infrastructure maintenance, operational efficiency and environmental protection.

Capital planning involves the County Executive, members of the County Legislature, heads of various County departments, and a citizen advisory board in a process that determines capital needs, alternatives, and priorities. The development of the Capital Improvement Plan takes place over several months, beginning in March of each year, and includes 5 major phases:

1. In March, department heads begin preparation of project proposals in accordance with executive guidelines.
2. In May, proposals are submitted to the CIP Coordinator at Department of Facilities Management. The proposals are analyzed by CIP Coordinator in conjunction with County Executive's Office, various departments, the Syracuse-Onondaga County Planning Agency and the Department of Finance. The Law Department is consulted as needed.
3. By September, a tentative CIP is approved by the County Executive and then presented to the Capital Planning Committee (a committee of legislators and representatives from the executive branch of County government)
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. In the same month the CIP is presented to the County Planning Board (a citizen advisory group).
5. From October to March, research on capital planning and management is conducted, and the prior year's process is revised for improvement.

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:

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

The final product of this process is a 6-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 Guide was updated with current demographic and economic data, better graphics, and a more concise, understandable format. The updated Guide was approved by the County Legislature on June 1, 1998, and is now the official Onondaga County plan. The County is currently working on an update to the Guide.

New water lines, sewers, and roads have the effect of creating new developable land. The Guide seeks to prevent premature public expenditures, which foster urban sprawl and create unnecessary capital and operating expenses. The Guide stresses the desirability of infill development in areas served by utilities, in order to balance trends toward sprawl with the ability of a static population to pay for infrastructure. Decisions to extend utilities to provide new urban land will be related to economic growth and job creation, as well as the capacity of complementary infrastructure systems to support growth in a particular location.

## **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 5 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 2021-2026 Capital Improvement Plan (CIP) includes 34 County Wide projects and 13 projects in the Sewer Fund. All 47 projects recommended for inclusion in the 6-year plan estimate total spending at \$670,626,000.

Total funds for the recommended County-wide project, for 6 years, are \$269,876,000 of which \$59,406,000 will be pay-as-you-go and \$129,990,000 will be debt. The rest is State and Federal Aid. The Sewer Funds projects are expected to cost \$400,750,000, of which \$76,329,000 will be pay-as-you-go and \$322,196,000 will be debt.

## **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 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.

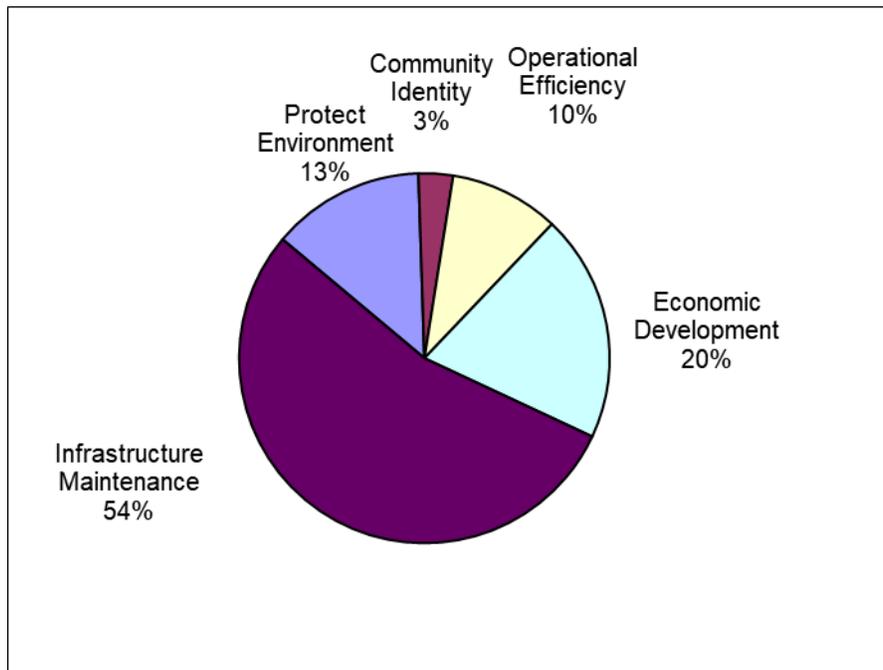
As an alternative to assuming debt, some capital projects are funded on a "pay-as-you-go" basis through departmental operating budgets. Most engineering studies are funded in this manner. Finally, operating costs associated with a project, such as utilities and maintenance, may cause a change in departmental 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 require funding in 2021 is included in this section. Additionally included are:

1. Estimated 6 year costs for the proposed projects in the CIP
2. The proposed source of funding for those projects
3. Summary of the estimated debt service for:
  - currently scheduled debt
  - debt which has been authorized but not yet issued
  - 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.

### 2021 – 2026 Capital Priorities



## CIP Proposed Projects

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

#### County Wide

Department	STATUS	PROJECT	2021 - 26 Total
<b>General Fund</b>			
DEPARTMENT OF CORRECTIONS			
		Physical Plant Improvements and Security Upgrades	690
		Subtotal	\$ 690
EMERGENCY COMMUNICATIONS			
		Next Generation 911 (NG-911) Telephone System Replacement/Refresh	2,350
		Repave E911 Center Parking Lot	344
		Tower Site Shelter Rehabilitation	1,091
		Subtotal	\$ 3,785
FACILITIES MANAGEMENT			
		Carnegie Library Rehabilitation	4,101
		Community Plaza Garage	1,581
		Courthouse - HVAC Renovations	9,000
		Facilities Various Capital Improvements	7,500
		Oncenter Rehabilitations	2,500
		Subtotal	\$ 24,682
OFFICE OF ENVIRONMENT			
		Ash Tree Management	2,625
		Subtotal	\$ 2,625
PARKS & RECREATION DEPT.			
	<b>new</b>	Build an African Savannah Exhibit (NEW)	7,050
	<b>new</b>	Carpenters Brook Fish Hatchery building replacement (NEW)	850
	<b>new</b>	County Sports Complex (NEW)	20,000
		Lights on the Lake Storage Facility	370
		Long Branch Park Improvements	1,000
	<b>new</b>	Oneida Shores Facility Upgrade (NEW)	850
		Oneida Shores Park Shoreline Rehabilitation	750
		Parks Various Infrastructure Rehabilitation and Improvement	14,247
	<b>new</b>	Veterans Cemetery Lawn Crypts (NEW)	1,100
		Subtotal	\$ 46,217
		<b>General Fund Total</b>	<b>\$ 77,999</b>
<b>Library</b>			
ONONDAGA COUNTY PUBLIC LIBRARY			
		Mobile Library Outreach	260
		Petit Branch Library addition and improvements	1,400
		<b>Library Total</b>	<b>\$ 1,660</b>
<b>Community College</b>			
ONONDAGA COMMUNITY COLLEGE			
		Allyn Hall Upgrades and Improvements	2,780
		Elevator Replacement and Upgrades/ Protection of the Campus E-mail and Phone Servers	646
		Infrastructure - Campus Wide	10,488
		Site Improvements	2,718
		<b>Community College Total</b>	<b>\$ 16,632</b>

## County Wide

Department	STATUS	PROJECT	2021 - 26 Total
<b>County Road</b>			
TRANSPORTATION			
		Bituminous Surface Treatment	13,149
		Bridges	9,580
		Capital Highway Construction	45,275
		Caughdenoy Road / NYS Route 31 Road Improvements	4,400
		Cold Mix Bituminous Paving	28,145
		Guide Rail	2,800
		Repaving Program (Hot Mix Bituminous)	64,987
		Testing, Drainage and Facilities Repair	3,119
		Traffic Systems Management	2,130
			-----
		<b>County Road Total</b>	<b>\$ 173,585</b>
		<b>County Wide Total</b>	<b>\$ 269,876</b>

## Special Funds

Department	STATUS	PROJECT	2021 - 26 Total
<b>Sewer</b>			
WATER ENVIRONMENT PROTECTION			
		Baldwinsville Seneca Knolls WWTP Disinfection and Phase II Asset Renewal Improvements	37,809
		Camillus Force Main Replacement	10,000
		Combined Sewer Overflow 067 Abatement Project	23,200
		Davis Rd Pump Station and Force main Improvements	13,426
		Harbor Brook Miscellaneous Culvert and Channel Improvements	200
		Ley Creek/Liverpool Force Main Rehabilitation/Replacement Project	17,150
		Metro WWTP 1978 Plant Annex Asset Renewal - Phase I	31,379
<b>new</b>		Oak Orchard Wastewater Treatment Plant Major Upgrade Project (NEW)	62,905
		Oak Orchard WWTP Secondary Clarifier Rehabilitation	7,618
		Route 481/298 Industrial Corridor Sewer Improvements	6,250
		Sewer Consolidation	98,391
		Wastewater Transportation System Improvements	74,822
<b>new</b>		White Pine Industrial Park Conveyances (NEW)	17,600
			-----
		<b>Sewer Total</b>	<b>\$ 400,750</b>
		<b>Grand Total</b>	<b>\$ 670,626</b>

## FUNDING SOURCES OF PROPOSED PROJECTS

County Wide	2021	2022	2023	2024	2025	2026	6yr Total
<b>General Fund</b>							
Borrowing to be Authorized	8,487	35,251	11,551	16,560	3,525	2,625	77,999
<b>SUB TOTALS</b>	<b>\$8,487</b>	<b>\$35,251</b>	<b>\$11,551</b>	<b>\$16,560</b>	<b>\$3,525</b>	<b>\$2,625</b>	<b>\$77,999</b>
<b>County Road</b>							
Pay As You Go	635	5,653	8,720	11,923	14,852	17,623	59,406
Borrowing to be Authorized	7,845	12,020	6,690	6,050	5,040	4,770	42,415
Federal Aid	7,020	6,880	6,880	6,880	4,000	4,000	35,660
State Aid	5,614	6,070	6,070	6,070	6,140	6,140	36,104
<b>SUB TOTALS</b>	<b>\$21,114</b>	<b>\$30,623</b>	<b>\$28,360</b>	<b>\$30,923</b>	<b>\$30,032</b>	<b>\$32,533</b>	<b>\$173,585</b>
<b>Library</b>							
Borrowing to be Authorized	1,260						1,260
State Aid	400						400
<b>SUB TOTALS</b>	<b>\$1,660</b>						<b>\$1,660</b>
<b>Community College</b>							
Borrowing to be Authorized		8,316					8,316
State Aid		8,316					8,316
<b>SUB TOTALS</b>		<b>\$16,632</b>					<b>\$16,632</b>
<b>County Wide TOTALS</b>	<b>\$31,261</b>	<b>\$82,506</b>	<b>\$39,911</b>	<b>\$47,483</b>	<b>\$33,557</b>	<b>\$35,158</b>	<b>\$269,876</b>
<b>Special Funds</b>							
<b>Drain &amp; San</b>							
Pay as You Go	6,331	14,694	13,065	13,929	13,305	15,005	76,329
Authorized Borrowing	21,438	15,051	575	118	37,182		
Borrowing to be Authorized	4,367	43,975	54,398	58,467	68,949	54,858	285,014
State Aid	1,725	500	2,225				
<b>TOTALS</b>	<b>\$32,136</b>	<b>\$75,445</b>	<b>\$68,538</b>	<b>\$72,514</b>	<b>\$82,254</b>	<b>\$69,863</b>	<b>\$400,750</b>
<b>GRAND TOTAL</b>	<b>\$63,397</b>	<b>\$157,951</b>	<b>\$108,449</b>	<b>\$119,997</b>	<b>\$115,811</b>	<b>\$105,021</b>	<b>\$670,626</b>

**CIP Proposed Projects**  
**Summary of 2021 Estimated Expenses**

<b>Department/Projects</b>	<b>2021 Cost Only (\$ in 000's)</b>
<b>Corrections</b>	
Physical Plant Improvements and Security Upgrades	\$368
<b>Sub Total</b>	<b>\$368</b>
<b>E-911</b>	
Next Generation 911 (NG-911) Telephone System Replacement/refresh	\$2,350
Repave E911 Center Parking Lot	\$344
<b>Sub Total</b>	<b>\$2,694</b>
<b>Facilities</b>	
Carnegie Library Rehabilitation	\$2,365
OnCenter Rehabilitations	\$750
<b>Sub Total</b>	<b>\$2,865</b>
<b>Parks</b>	
Oneida Shores Park Shoreline Rehabilitation (NEW)	\$300
Parks Various Infrastructure Rehabilitation and Improvement (NEW)	\$2,160
Veterans Cemetery Lawn Crypts	\$100
<b>Sub Total</b>	<b>\$2,560</b>
<b>Library</b>	
Mobile Library Outreach	\$260
Petit Branch Library addition and improvements	\$1,400
<b>Sub Total</b>	<b>\$1,660</b>
<b>DOT</b>	
Bridges	\$1,410
Capital Highway Construction	\$8,475
Cold Mix Bituminous Paving	\$3,390
Repaving Program (Hot Mix Bituminous)	\$7,074

Testing, Drainage and Facilities Repair	\$425
Traffic Systems Management	\$340
<b>Sub Total</b>	<b>\$21,114</b>

**COUNTY WIDE FUNDS TOTAL** **\$31,261**

**WEP**

Baldwinsville Seneca Knolls WWTP Disinfection and Phase II Asset Renewal Improvements	\$16,668
Harbor Brook Miscellaneous Culvert and Channel Improvements	\$200
Ley Creek/Liverpool Force Main Rehabilitation/Replacement Project	\$650
Metro WWTP 1978 Plant Annex Asset Renewal	\$667
Oak Orchard WWTP Secondary Clarifier Rehabilitation	\$345
Route 481/298 Industrial Corridor Sewer Improvements	\$3500
Sewer Consolidation	\$5,466
Wastewater Transportation System Improvements	\$4,140
White Pine Industrial Park Conveyances	\$500
<b>Sub Total</b>	<b>\$32,136</b>

**ALL FUNDS TOTAL** **\$63,397**

## Proposed Capital Improvement Projects For 2021

The following is a listing with a very brief description of the capital projects that are anticipated to require funding in 2021. More detail can be found in the County's 2021-2026 Capital Improvement Plan.

### DEPARTMENT OF CORRECTIONS

**Project:** Physical Plant Improvements and Security Upgrades

**Level of Development:** Advanced

**Project Description:** This project provides for improvement to original structures, building equipment and enhances security around the facility. Building repairs include repair/replacement of kitchen flooring, housing unit entries, programs corridor ceiling replacement, air conditioning in Housing Units 1, 2, 3, 4, and the replacement of inmate housing unit entry and cell doors. The kitchen dishwasher and the food service delivery carts need to be replaced and a large laundry washing machine needs to be purchased. Security enhancement includes the installation of lighting on facility roadways and an alternative entry and egress from the facility. Grounds and exterior improvements include resurfacing of roadways and parking lots of the facility. The completion of these projects will maintain the safety and security of the facility and the compliance of health and safety standards.

### EMERGENCY COMMUNICATIONS

**Project:** Next Generation 911 (NG-911) Telephone System Replacement/Refresh

**Level of Development:** Intermediate

**Project Description:** This project will involve the replacement of Next Generation 911 (NG-911) call taking solution that was originally installed in 2016 at both the main 911 Center and the Backup Operations Center (BOC). Equipment was originally leased under contract (5 years) with Verizon and will need to be replaced and maintained through a private vendor in 2021. This will also replace the NICE recording system which was installed in 2014 and reached the end of its useful service life for 24x7 critical public safety system use.

**Project:** Repave E911 Center Parking Lot

**Level of Development:** Advanced

**Project Description:** Repave, restripe, and add new conduit underneath the Onondaga County Department of Emergency Communications parking lot at 3911 Central Avenue, Syracuse, New York 13215. Project includes milling, 4" of new pavement, and striping of 43,082 square feet of existing parking lot and the addition of 1,027 square feet of new area pavement. Parking lot will be 29 years old in 2020 and is used 24/7 by E911 employees and visitors. Parking lot is in a state of deterioration and is a safety hazard; some areas no longer have any sub-base. Also, running beneath the parking lot is the Center's main conduit for channeling fiber and copper cables for phone, power, and radio. There is no more room in the current conduit and a second is needed. E911 received an updated quote in 2020 and can keep the cost the same even with the addition of the conduit installation.

## **FACILITIES MANAGEMENT**

**Project:** Carnegie Library Rehabilitation

**Level of Development:** Advanced

**Project Description:** The Carnegie Library Building (circa 1912), is a registered Historical treasure that has been vacant since the Syracuse City School District ceased operating it as a special program location and returned it to Onondaga County. The building underwent a renovation 25 years ago, in 1994. The County intends to rehabilitate the building by performing renovations that will prepare the building for department occupation and services.

**Project:** OnCenter Rehabilitations

**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, but will not be limited to, theater enhancements of acoustical treatments, ADA upgrades and appurtenances, building systems modifications, as well as lighting and insulation replacements.

## **ONONDAGA COUNTY PUBLIC LIBRARY**

**Project:** Mobile Library Outreach

**Level of Development:** Advanced

**Project Description:** Mobile outreach through bookmobile service would allow us to provide equal access to library resources, instruction and vital technology support to ensure a complete census count of all individuals across our county. Beyond the census, bookmobile service would continue as an integral part of library outreach to daycare centers, nursing homes, housing units, senior centers, and other neighborhood stops in the city, suburbs and rural locations.

**Project:** Petit Branch Library addition and improvements

**Level of Development:** Intermediate

**Project Description:** The goal of this project is to build a community room as an addition to Petit Library. In addition this project will include various interior and exterior upgrades.

## **PARKS & RECREATION**

**Project:** Oneida Shores Park Shoreline Rehabilitation

**Level of Development:** Intermediate

**Project Description:** Replace the degraded portion of the Oneida Shores boat launch and retaining wall. Also add a weigh station to support the professional fishing tournaments held at Oneida Shores Park.

**Project:** Parks Various Infrastructure Rehabilitation and Improvement

**Level of Development:** Advanced

**Project Description:** Much of the Parks Infrastructure is decades old and is need of replacement. Some equipment is obsolete and spare parts are unavailable. Buildings are in need of renovations and updates to meet current standards. Playgrounds are aging and need new equipment and resurfacing. Park roads, parking areas and trails need continuing repair and repaving. This project will take a systematic approach to replacing old and obsolete equipment, systems and surfaces at various facilities in the Parks Department.

**Project: Veterans Cemetery Lawn Crypts**

**Level of Development:** Advanced

**Project Description:** Use of lawn crypts will allow new graves to be placed closer together therefore increasing the capacity in the remaining portions of the cemetery property. Installing crypts would also allow reduced labor for burials by reducing the digging.

## **TRANSPORTATION**

**Project: Bridges**

**Level of Development:** Ongoing

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

**Project: Capital Highway Construction**

**Level of Development:** Ongoing

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

**Project: Cold Mix Bituminous Paving**

**Level of Development:** Ongoing

**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)**

**Level of Development:** Ongoing

**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**

**Level of Development:** Ongoing

**Project Description:** This project provides support programs for the Department of Transportation's Annual Work Plan.

**Project: Traffic Systems Management**

**Level of Development:** Ongoing

**Project Description:** This program addresses Traffic System improvements on County highways.

## **WATER ENVIRONMENT PROTECTION**

**Project: Baldwinsville Seneca Knolls WWTP Disinfection and Phase II Asset Renewal Improv.**

**Level of Development:** Advanced

**Project Description:** The Baldwinsville-Seneca Knolls Wastewater Treatment Plant was issued a renewed SPDES Discharge Permit in June 2014 by the New York State Department of Environmental Conservation (NYSDEC) which included modifications to the effluent total residual chlorine (TRC) limit from 2.0 mg/L to 0.08 mg/L. The new TRC permit limits became effective May 15, 2018. The disinfection portion of this project has been completed in accordance with the SPDES permit. Additionally, the plant is over thirty-seven years old. Various small and discrete improvements and repairs have been done to the facility as a means of operational enhancements and infrastructure maintenance. However, there is a

contemporary need to implement a robust infrastructure renewal project for many of the treatment plant's assets so as to ensure continued satisfactory operation and extend its service life. This project is for Phase II asset renewal improvements and odor control improvements. Additional work is also being pursued for rehabilitating the primary and secondary clarifier tanks as a next phase of the asset renewal program.

**Project: Harbor Brook Miscellaneous Culvert and Channel Improvements**

**Level of Development:** Advanced

**Project Description:** Repair and rehabilitation of 110 year old culvert and channel sections within the Harbor Brook Drainage District. Project would include rehabilitation of the concrete wing walls near Delaware and Amy Streets and rehabilitation of selected culvert sections

**Project: Ley Creek/Liverpool Force Main Rehabilitation/Replacement Project**

**Level of Development:** Preliminary

**Project Description:** Rehabilitation/Replacement of the Ley Creek 42-inch wastewater force main and the Liverpool 18-inch wastewater force main. Both force mains have exceeded their expected service life and have resulted in costly emergency repairs and additional regulatory scrutiny. The project schedule is driven by a September 2019 Consent Order from NYSDEC.

**Project: Metro WWTP 1978 Plant Annex Asset Renewal - Phase I**

**Level of Development:** Preliminary

**Project Description:** Large-scale asset renewal project for numerous improvements to Metro WWTP's 1978 annex infrastructure. Various civil, electrical, mechanical, and other infrastructure rehabilitation and replacement measures to be performed in accordance with an asset management evaluation report.

**Project: Oak Orchard WWTP Secondary Clarifier Rehabilitation**

**Level of Development:** Advanced

**Project Description:** The Oak Orchard WWTP has been in operation since 1980. The secondary clarifiers, critical to the successful operation of the plant, are original to the plant and have been identified for asset renewal.

**Project: Route 481/298 Industrial Corridor Sewer Improvements**

**Level of Development:** Preliminary

**Project Description:** Several significant industrial users are located in the vicinity of Fly Road in the Town of DeWitt. The newly constructed wastewater pumping station would provide the necessary capacity to allow these industries to expand in the future.

**Project: Sewer Consolidation**

**Level of Development:** Preliminary

**Project Description:** The ultimate end goal of this project is a (service connection to treatment) single service provider who can manage the assets more effectively and efficiently, leverage funding sources and grants to lessen the financial impacts, restore the assets, programmatically over time and remove devastating regulatory violations and compliance orders.

**Project: Wastewater Transportation System Improvements**

**Level of Development:** Ongoing

**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:** White Pine Industrial Park and surrounding areas Conveyances

**Level of Development:** Ongoing

**Project Description:** This project will provide public sewer service to the White Pine Industrial Park and surrounding areas. This areas are located along and in the vicinity Route 31 and Caughdenoy Road in the Town of Clay, Onondaga County. The project is estimated to cost \$17.6 million and will consist of an 8 MGD pumping station and a 24" 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.