

# **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, ensuring 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 2023: AA by S&P and Aa2 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. Within the past five years the County has refunded \$24.39 million in June 2019 saving an additional \$1.93 million through 2030, \$24.75 million in February 2020 saving an additional \$2.86 million through 2037, \$16.5M in April 2022 saving an additional \$718,110 through 2034.

The County has established the following policies to guide its management of General Fund debt (calculations based on 2024 Budget):

1. Debt service costs paid through the General Fund will not exceed 5.5% of total General Fund revenue. For 2024, debt service costs are 3.60% 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 \$579.16 per capita and 0.781% of the County's full valuation. (Population source is 2020 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, 68% 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 August 8, 2023 the County will have exhausted 21.52% 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 August 08, 2023)

5 Year Average Full Valuation of Taxable Real Property		\$30,796,563,296
Debt Limit (7% of 5 year average)		\$2,155,759,431
Outstanding Indebtedness:		
Bonds	\$ 709,181,771	
Bond Anticipation Notes	\$ 4,280,000	
Outstanding Gross Indebtedness	\$ 713,461,771	
Less Exclusions	\$ (249,642,083)	
Total Net Indebtedness		\$463,819,688
Net Debt-Contracting Margin		\$1,691,939,743
Percentage of Debt-Contracting Power Exhausted		21.52% <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

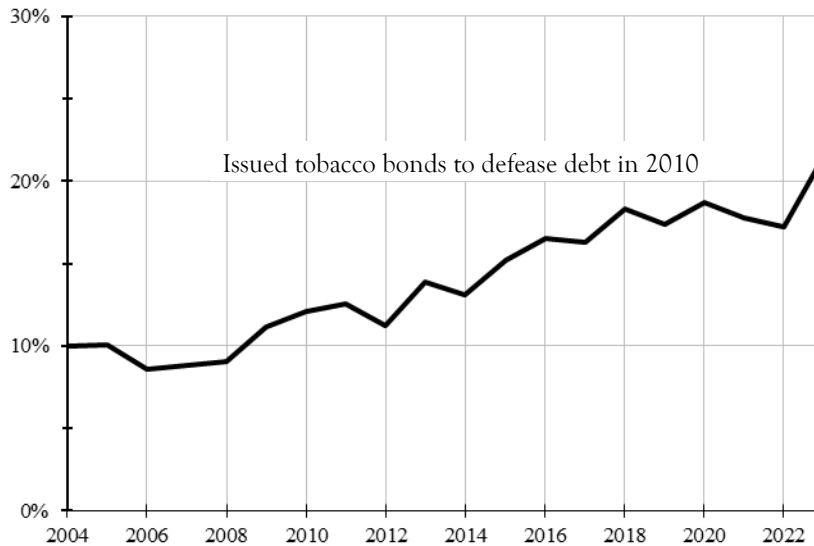
Onondaga County's use of its constitutional debt limit declined dramatically in 2001 when it defeased \$95M of general fund debt, using proceeds from tobacco revenue bonds. A second tobacco bond sale in 2005 enabled an additional \$20M in debt to be defeased. The current percentage of debt contracting power that has been exhausted is 21.52%, which is up in comparison to an average of 17.8% for the years 1994 - 2000. The debt margin is more than 3.6 times the total net indebtedness and provides ample flexibility to continue to meet the capital needs of the County.

### 2024 Debt Limit and Debt Margin (as of August 8, 2023)

Debt Limit	\$2,155,759,431
Total Net Indebtedness	\$463,819,688
Debt Margin	\$1,691,939,743
Percentage of Debt Limit Used	21.52%

**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

**2024**

	Countywide Tax Levy	Water/Ad Valorem Tax	WEP/Unit Charge	Total
<b>General Oblig. Principal</b>	23,903,402	2,207,389	10,714,210	<b>36,825,001</b>
<b>General Oblig. Interest</b>	10,762,253	980,890	6,213,066	<b>17,956,209</b>
<b>NYS EFC* Principal</b>	0	0	16,158,409	<b>16,158,409</b>
<b>NYS EFC* Interest</b>	0	0	3,475,553	<b>3,475,553</b>
<b>Fiscal Agent Fees</b>	530	0	571,336	<b>571,866</b>
<b>Debt Service Totals</b>	34,666,185	3,188,279	37,132,574	<b>74,987,038</b>
<b>RBD/Subsidy/Other**</b>	6,439,064	0	2,406,034	<b>8,845,098</b>
<b>Charges to Operating Fund</b>	<b>28,227,121</b>	<b>3,188,279</b>	<b>34,726,540</b>	<b>66,141,940</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 2024

Department/Fund	General Obligation		Fiscal Agent Fees	Debt Service Totals	RBD/ Fed Subsidy Other Sources	Charge to Operating Fund
	Principal	Interest				
Board of Elections	44,405	166,342	0	210,747	166,342	<b>44,405</b>
Office of Environment	329,010	50,700	0	379,710	39,713	<b>339,997</b>
Community College	2,684,942	794,864	0	3,479,806	0	<b>3,479,806</b>
OnCenter Complex	916,954	247,101	0	1,164,055	0	<b>1,164,055</b>
Information Technology	264,648	92,704	0	357,352	0	<b>357,352</b>
Facilities	2,835,728	1,579,391	530	4,415,649	135,129	<b>4,280,520</b>
Finance	618,121	747,286	0	1,365,407	1,365,407	<b>0</b>
County Clerk	61,430	1,536	0	62,966	0	<b>62,966</b>
Sheriff - Correction	1,567,357	642,488	0	2,209,845	580,448	<b>1,629,397</b>
Children & Family Services	577,482	188,380	0	765,862	0	<b>765,862</b>
Parks & Recreation	3,779,857	2,715,190	0	6,495,047	2,842,409	<b>3,652,638</b>
Library	279,539	131,584	0	411,123	0	<b>411,123</b>
Transportation	8,386,667	3,134,415	0	11,521,082	1,245,272	<b>10,275,810</b>
Emergency Communications	1,517,862	224,603	0	1,742,465	18,675	<b>1,723,790</b>
Emergency Management	39,400	45,669	0	85,069	45,669	<b>39,400</b>
<b>TOTALS</b>	<b>23,903,402</b>	<b>10,762,253</b>	<b>530</b>	<b>34,666,185</b>	<b>6,439,064</b>	<b>28,227,121</b>

## Debt Service Summary - Special Districts 2024

	Water District	Consol. San Dist	Meadowb rook DD	Bear Trap DD	Bloody Brook DD	Harbor Brook DD	Total
General Oblig. Principal	2,207,389	10,463,598	145,982	24,600	71,030	9,000	<b>12,921,599</b>
General Oblig. Interest	980,890	6,170,447	22,328	9,550	5,346	5,395	<b>7,193,956</b>
NYS EFC* Principal	0	16,158,409	0	0	0	0	<b>16,158,409</b>
NYS EFC* Interest	0	3,475,553	0	0	0	0	<b>3,475,553</b>
Fiscal Agent Fees	0	571,336	0	0	0	0	<b>571,336</b>
Debt Service Totals	3,188,279	36,839,343	168,310	34,150	76,376	14,395	<b>40,320,853</b>
RBD/Fed <sup>1</sup> Subsidy/ Other	0	2,406,034	0	0	0	0	<b>2,406,034</b>
<b>Charges to Operating Fund</b>	<b>3,188,279</b>	<b>34,433,309</b>	<b>168,310</b>	<b>34,150</b>	<b>76,376</b>	<b>14,395</b>	<b>37,914,819</b>

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

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

**As of August 1, 2023**

<b>Department</b>	<b>Authorized and Unissued</b>
Office of Environment	600,000
Facilities	3,539,299
Parks & Recreation	6,150,982
Finance	54,000,000
Children and Family Services	500
Transportation	8,761,150
Emergency Communications	2,131,736
Information Technology	130,000
Sheriff	1,613,000
Community College	41,010,205
Water Environment Protection	276,393,570
Metro Water Board	1,425,000
<b>Total</b>	<b>395,755,442</b>

## Serial Bonds 2024 Debt Service

Title of Bond	Final Maturity	Interest Rate*	Amount Issued	Initial Interest	2024 Principal	2024 Interest	Balance (P) 12/31/2024
N.Y.S. E.F.C. Bonds 2002G*	2028	4.06%	14,681,217	5,432,687	485,000	19,323	2,105,000
N.Y.S. E.F.C. Bonds 2004D*	2024	4.91%	9,579,475	4,760,948	565,000	0	0
N.Y.S. E.F.C. Bonds 2005A*	2024	4.55%	17,469,284	7,080,442	1,045,000	-143,990	0
N.Y.S. E.F.C. Bonds 2005B*	2025	3.93%	5,495,439	2,218,182	320,000	10,132	325,000
N.Y.S. E.F.C. Bonds 2006C*	2036	5.01%	44,610,657	44,610,657	1,575,000	342,755	19,450,000
N.Y.S. E.F.C. Bonds 2007D*	2036	4.91%	41,442,558	26,106,369	1,780,000	194,290	14,215,000
N.Y.S. E.F.C. Bonds 2008A&B*	2028	4.27%	1,645,373	801,562	90,000	3,408	385,000
N.Y.S. E.F.C. Bonds 2010C*	2030	3.56%	2,972,800	1,150,144	155,000	500	965,000
N.Y.S. E.F.C. Bonds 2011C*	2031	3.51%	15,603,494	6,787,783	825,000	47,106	6,200,000
N.Y.S. E.F.C. Bonds 2012B*	2034	2.55%	11,395,171	4,410,561	535,000	82,838	5,908,359
N.Y.S. E.F.C. Bonds 2012E*	2032	2.38%	4,100,953	1,238,401	215,000	28,853	1,835,000
N.Y.S. E.F.C. Bonds 2014B*	2044	3.77%	128,800,968	79,460,686	3,975,000	1,791,687	91,695,000
GO Refund Bonds 2014	2036	2.19%	19,600,000	5,951,257	1,650,000	207,750	3,330,000
General Obligation Bonds 2015	2045	3.43%	79,900,000	46,215,073	2,870,000	2,205,081	59,015,000
GO Refund Bonds 2015	2027	2.22%	11,370,000	3,592,519	1,115,000	170,125	2,845,000
QECB 2015	2025	3.50%	2,650,000	1,041,161	265,000	104,145	265,000
General Obligation Bonds 2016	2036	2.08%	26,500,000	7,770,442	1,280,000	406,731	14,800,000
GO Refund Bonds 2016	2030	1.72%	35,885,000	10,716,026	4,215,001	605,909	11,520,002
N.Y.S. E.F.C Bonds 2016B*	2037	2.48%	3,886,715	524,856	175,000	32,722	2,580,000
General Obligation Bonds 2017	2037	2.76%	21,780,000	8,219,576	1,165,000	556,425	14,695,000
GO Refund Bonds 2017	2033	2.21%	33,835,000	14,601,419	3,110,000	1,152,500	22,315,000
N.Y.S. E.F.C Bonds 2017C*	2038	2.98%	46,040,049	15,439,426	2,015,000	494,343	32,830,000
General Obligation Bonds 2018	2038	2.75%	51,960,000	15,232,562	2,450,000	1,450,550	38,065,000
General Obligation Bonds 2019	2039	2.59%	44,777,388	18,481,474	2,345,000	1,446,925	35,775,000
GO Refund Bonds 2019	2030	1.56%	24,395,000	4,711,988	2,285,000	409,625	7,050,000
N.Y.S. E.F.C Bonds 2019A*	2039	1.46%	23,741,220	6,689,311	1,055,000	232,752	18,510,000
General Obligation Bonds 2020	2041	1.73%	50,395,000	11,631,113	2,200,000	875,175	43,910,000
GO Refund Bonds 2020	2037	1.43%	24,750,000	7,147,204	2,380,000	773,050	14,950,000
N.Y.S. E.F.C Bonds 2020B*	2041	2.21%	2,231,291	478,654	90,000	15,709	1,885,000
General Obligation Bonds 2021	2041	1.60%	40,125,000	11,619,844	1,920,000	1,206,700	34,615,000
N.Y.S. E.F.C Bonds 2021B*	2042	3.33%	23,648,018	5,218,603	940,000	182,205	20,720,000
General Obligation Bonds 2022	2042	3.30%	66,525,000	29,798,595	3,000,000	2,770,700	61,480,000
GO Refund Bonds 2022	2034	2.63%	16,500,000	4,036,965	2,520,000	615,300	11,245,000
N.Y.S. E.F.C Bonds 2022B	2042	6.40%	7,763,409	3,327,246	318,409	140,919	7,135,000
General Obligation Bonds 2023	2043	3.31%	49,555,000	20,996,041	2,055,000	2,973,491	47,500,000
GO BAN (FED TAXED)	2024	6.25%	530,000	33,125	530,000	33,125	0
<b>TOTAL:</b>			<b>1,006,140,479</b>	<b>437,499,777</b>	<b>53,513,410</b>	<b>21,438,862</b>	<b>650,118,361</b>

\*Interest Rates for General Obligation Bonds are based on the True Interest Costs, while rates for EFC Loans are based on either the All In True Interest Cost, the refunding All In TIC, or budget year coupon per maturity where applicable.

## Serial Bonds 2024 Debt Service by Department

	No.	Year	Final	Interest	2024 Serial Bond Payments		
		Issued	Maturity	Rate	Principal	Interest	Total
<b>Board of Elections</b>							
General Obligation Bonds	900	2023	2043	3.31%	44,405	166,342	210,747
<b>Total: Board of Elections</b>					<b>44,405</b>	<b>166,342</b>	<b>210,747</b>
<b>Office of Environment</b>							
General Obligation Bonds	860	2019	2039	2.59%	153,570	3,839	157,409
General Obligation Bonds	870	2020	2041	1.73%	32,740	13,025	45,765
General Obligation Bonds	880	2021	2041	1.60%	94,710	14,825	109,535
General Obligation Bonds	900	2023	2043	3.31%	47,990	19,011	67,001
<b>Total: Office of Environment</b>					<b>329,010</b>	<b>50,700</b>	<b>379,710</b>
<b>County Clerk</b>							
General Obligation Bonds	860	2019	2039	2.59%	61,430	1,536	62,966
<b>Total: County Clerk</b>					<b>61,430</b>	<b>1,536</b>	<b>62,966</b>
<b>Onondaga Community College</b>							
General Obligation Refunding Bonds	811	2014	2026	2.19%	251,600	31,780	283,380
General Obligation Bonds	820	2015	2045	3.43%	2,200	1,081	3,281
General Obligation Refunding Bonds	821	2015	2027	2.22%	269,458	34,991	304,449
General Obligation Bonds	830	2016	2036	2.08%	245,000	91,576	336,576
General Obligation Refunding Bonds	831	2016	2033	1.72%	747,553	181,444	928,997
General Obligation Bonds	840	2017	2037	2.76%	46,000	27,090	73,090
General Obligation Refunding Bonds	841	2017	2033	2.21%	381,681	105,691	487,372
General Obligation Bonds	850	2018	2038	2.75%	36,000	23,610	59,610
General Obligation Bonds	860	2019	2039	2.59%	21,830	16,082	37,912
General Obligation Refunding Bonds	861	2019	2039	1.56%	348,100	120,263	468,363
General Obligation Bonds	870	2020	2041	1.73%	21,830	8,683	30,513
General Obligation Refunding Bonds	871	2020	2037	1.43%	68,800	22,362	91,162
General Obligation Bonds	880	2021	2041	1.60%	11,670	10,485	22,155
General Obligation Refunding Bonds	891	2022	2034	2.63%	204,932	27,801	232,733
General Obligation Bonds	900	2023	2043	3.31%	28,288	91,924	120,212
<b>Total: Community College</b>					<b>2,684,942</b>	<b>794,864</b>	<b>3,479,806</b>
<b>Correction</b>							
General Obligation Refunding Bonds	831	2016	2030	1.72%	141,885	32,940	174,825
General Obligation Bonds	850	2018	2038	2.75%	15,000	9,588	24,588
General Obligation Bonds	860	2019	2039	2.59%	16,070	11,837	27,907
General Obligation Bonds	870	2020	2041	1.73%	19,300	7,676	26,976
<b>Total: Corrections</b>					<b>192,255</b>	<b>62,040</b>	<b>254,295</b>

## Serial Bonds 2024 Debt Service by Department

	No.	Year	Final	Interest	2024 Serial Bond Payments		
		Issued	Maturity	Rate	Principal	Interest	Total
<b>OnCenter Complex</b>							
General Obligation Bonds	820	2015	2045	3.43%	24,600	12,081	36,681
General Obligation Bonds	830	2016	2036	2.08%	87,000	32,700	119,700
General Obligation Refunding Bonds	831	2016	2030	1.72%	551,490	131,518	683,008
General Obligation Refunding Bonds	841	2017	2033	2.21%	51,834	22,265	74,099
General Obligation Refunding Bonds	861	2019	2039	1.56%	146,600	44,275	190,875
General Obligation Refunding Bonds	871	2020	2037	1.43%	9,600	3,117	12,717
General Obligation Refunding Bonds	891	2022	2034	2.63%	45,830	1,146	46,976
<b>Total: OnCenter Complex</b>					<b>916,954</b>	<b>247,101</b>	<b>1,164,055</b>
<b>Information Technology</b>							
General Obligation Bonds	820	2015	2045	3.43%	48,700	23,888	72,588
General Obligation Bonds	870	2020	2041	1.73%	77,750	30,930	108,680
General Obligation Refunding Bonds	871	2020	2037	1.43%	85,100	27,659	112,759
General Obligation Bonds	880	2021	2041	1.60%	45,100	7,059	52,159
General Obligation Bonds	900	2023	2043	3.31%	7,998	3,168	11,166
<b>Total: Information Technology</b>					<b>264,648</b>	<b>92,704</b>	<b>357,352</b>
<b>Facilities Management</b>							
General Obligation Refunding Bonds	811	2014	2026	2.19%	163,100	20,603	183,703
General Obligation Bonds	820	2015	2045	3.43%	77,300	38,099	115,399
General Obligation Refunding Bonds	821	2015	2027	2.22%	111,500	14,088	125,588
QECCB	822	2015	2025	3.50%	265,000	104,145	369,145
General Obligation Refunding Bonds	831	2016	2030	1.72%	151,344	25,003	176,347
General Obligation Bonds	840	2017	2037	2.76%	85,000	50,395	135,395
General Obligation Refunding Bonds	841	2017	2033	2.21%	65,970	33,872	99,842
General Obligation Bonds	850	2018	2038	2.75%	495,000	321,039	816,039
General Obligation Bonds	860	2019	2039	2.59%	247,780	182,532	430,312
General Obligation Bonds	870	2020	2041	1.73%	72,060	28,666	100,726
General Obligation Refunding Bonds	871	2020	2037	1.43%	399,800	129,851	529,651
General Obligation Bonds	880	2021	2041	1.60%	28,300	12,193	40,493
General Obligation Bonds	890	2022	2042	3.30%	134,300	137,389	271,689
General Obligation Refunding Bonds	891	2022	2034	2.63%	406,745	206,582	613,327
General Obligation Bonds	900	2023	2043	3.31%	132,529	274,936	407,465
<b>Total: Facilities</b>					<b>2,835,728</b>	<b>1,579,391</b>	<b>4,415,119</b>

## Serial Bonds 2024 Debt Service by Department

	No.	Year	Final	Interest	2024 Serial Bond Payments		
		Issued	Maturity	Rate	Principal	Interest	Total
<b>Finance</b>							
General Obligation Bonds	870	2020	2041	1.73%	436,550	173,663	610,213
General Obligation Bonds	900	2023	2043	3.31%	181,571	573,623	755,194
<b>Total: Finance</b>					<b>618,121</b>	<b>747,286</b>	<b>1,365,407</b>
<b>Children and Family Services</b>							
General Obligation Refunding Bonds	811	2014	2026	2.19%	270,300	34,133	304,433
General Obligation Refunding Bonds	821	2015	2027	2.22%	65,042	8,218	73,260
General Obligation Bonds	850	2018	2038	2.75%	11,000	2,295	13,295
General Obligation Bonds	860	2019	2039	2.59%	152,820	112,580	265,400
General Obligation Bonds	870	2020	2041	1.73%	78,320	31,155	109,475
<b>Total: Children and Family Services</b>					<b>577,482</b>	<b>188,380</b>	<b>765,862</b>
<b>Parks &amp; Recreation</b>							
General Obligation Bonds	820	2015	2045	3.43%	1,370,000	1,470,713	2,840,713
General Obligation Bonds	830	2016	2036	2.08%	177,000	66,265	243,265
General Obligation Refunding Bonds	831	2016	2030	1.72%	75,672	1,475	77,147
General Obligation Bonds	840	2017	2037	2.76%	49,000	18,455	67,455
General Obligation Refunding Bonds	841	2017	2033	2.21%	348,697	70,308	419,005
General Obligation Bonds	850	2018	2038	2.75%	279,000	108,930	387,930
General Obligation Bonds	860	2019	2039	2.59%	354,820	227,245	582,065
General Obligation Refunding Bonds	861	2019	2039	1.56%	165,700	47,313	213,013
General Obligation Bonds	870	2020	2041	1.73%	116,710	46,427	163,137
General Obligation Refunding Bonds	871	2020	2037	1.43%	166,000	53,955	219,955
General Obligation Bonds	880	2021	2041	1.60%	300,560	206,572	507,132
General Obligation Bonds	890	2022	2042	3.30%	194,600	196,927	391,527
General Obligation Refunding Bonds	891	2022	2034	2.63%	144,552	27,075	171,627
General Obligation Bonds	900	2023	2043	3.31%	37,546	140,405	177,951
GO BAN (FEDERALLY TAXED)	902	2023	2024	6.25%	530,000	33,125	563,125
<b>Total: Parks &amp; Recreation</b>					<b>4,309,857</b>	<b>2,715,190</b>	<b>7,025,047</b>
<b>Library</b>							
General Obligation Bonds	820	2015	2045	3.43%	125,000	60,481	185,481
General Obligation Refunding Bonds	841	2017	2033	2.21%	131,939	63,770	195,709
General Obligation Refunding Bonds	871	2020	2037	1.43%	22,600	7,333	29,933
<b>Total: Library</b>					<b>279,539</b>	<b>131,584</b>	<b>411,123</b>

## Serial Bonds 2024 Debt Service by Department

	No.	Year Issued	Final Maturity	Interest Rate	2024 Serial Bond Payments		
					Principal	Interest	Total
<b>Transportation (County Road Fund)</b>							
General Obligation Refunding Bonds	811	2014	2026	2.19%	93,200	11,770	104,970
General Obligation Bonds	820	2015	2045	3.43%	335,000	165,075	500,075
General Obligation Bonds	830	2016	2036	2.08%	491,000	111,016	602,016
General Obligation Refunding Bonds	831	2016	2030	1.72%	1,047,086	79,237	1,126,323
General Obligation Bonds	840	2017	2037	2.76%	440,000	184,590	624,590
General Obligation Refunding Bonds	841	2017	2033	2.21%	706,818	152,073	858,891
General Obligation Bonds	850	2018	2038	2.75%	685,000	387,369	1,072,369
General Obligation Bonds	860	2019	2039	2.59%	300,000	159,150	459,150
General Obligation Refunding Bonds	861	2019	2039	1.56%	1,317,300	109,213	1,426,513
General Obligation Bonds	870	2020	2041	1.73%	557,180	221,642	778,822
General Obligation Refunding Bonds	871	2020	2037	1.43%	574,700	186,642	761,342
General Obligation Bonds	880	2021	2041	1.60%	522,180	278,216	800,396
General Obligation Bonds	890	2022	2042	3.30%	569,500	473,228	1,042,728
General Obligation Refunding Bonds	891	2022	2034	2.63%	568,555	143,952	712,507
General Obligation Bonds	900	2023	2043	3.31%	179,148	478,344	657,492
<b>Total: Transportation</b>					<b>8,386,667</b>	<b>3,141,515</b>	<b>11,528,182</b>
<b>E - 911</b>							
General Obligation Bonds	820	2015	2045	3.43%	17,200	8,451	25,651
General Obligation Refunding Bond	831	2016	2030	1.72%	945,902	18,439	964,341
General Obligation Bonds	840	2017	2040	2.76%	115,000	18,675	133,675
General Obligation Bonds	850	2018	2038	2.75%	14,000	9,014	23,014
General Obligation Bonds	860	2019	2039	2.59%	21,680	11,300	32,980
General Obligation Bonds	870	2020	2041	1.73%	208,480	82,932	291,412
General Obligation Bonds	880	2021	2041	1.60%	159,800	69,052	228,852
General Obligation Bonds	890	2022	2042	3.30%	35,800	6,740	42,540
<b>Total: E - 911</b>					<b>1,517,862</b>	<b>224,603</b>	<b>1,742,465</b>
<b>Emergency Management</b>							
General Obligation Bonds	890	2022	2042	3.30%	39,400	45,669	85,069
<b>Total: Emergency Management</b>					<b>39,400</b>	<b>45,669</b>	<b>85,069</b>
<b>Sheriff's Office</b>							
General Obligation Bonds	890	2022	2042	3.30%	418,100	200,161	618,261
General Obligation Bonds	900	2023	2043	3.31%	957,002	380,288	1,337,290
<b>Total: Sheriff's Office</b>					<b>1,375,102</b>	<b>580,449</b>	<b>1,955,551</b>



## Serial Bonds 2024 Debt Service by Department

	No.	Year	Final	Interest	2024 Serial Bond Payments		
		Issued	Maturity	Rate	Principal	Interest	Total
<b>Consolidated Sanitary District</b>							
N.Y.S. E.F.C. 2002 Series G Bonds	655	2002	2028	4.06%	485,000	19,323	504,323
N.Y.S. E.F.C. 2004 Series D Bonds	685	2004	2024	4.91%	565,000	0	565,000
N.Y.S. E.F.C. 2005 Series A Bonds	695	2005	2024	4.55%	1,045,000	-143,990	901,010
N.Y.S. E.F.C. 2005 Series B Bonds	705	2005	2025	3.93%	320,000	10,132	330,132
N.Y.S. E.F.C. 2006 Series C Bonds	715	2006	2036	5.01%	1,575,000	342,755	1,917,755
N.Y.S. E.F.C. 2007 Series D Bonds	725	2007	2036	4.91%	1,780,000	194,290	1,974,290
N.Y.S. E.F.C. 2008 Series A&B Bonds	735	2008	2028	4.27%	90,000	3,408	93,408
N.Y.S. E.F.C. 2010 Series C Bonds	755	2010	2030	3.56%	155,000	500	155,500
N.Y.S. E.F.C. 2011 Series C Bonds	765	2011	2031	3.51%	825,000	47,106	872,106
N.Y.S. E.F.C. 2012 Series B Bonds	775	2012	2034	2.55%	535,000	82,838	617,838
N.Y.S. E.F.C. 2012 Series E Bonds	795	2012	2032	2.38%	215,000	28,853	243,853
N.Y.S. E.F.C. 2014 Series B Bonds	805	2014	2044	3.77%	3,975,000	1,791,687	5,766,687
General Obligation Refunding Bonds	811	2014	2026	2.19%	710,200	89,305	799,505
General Obligation Bonds	820	2015	2045	3.34%	600,000	292,425	892,425
General Obligation Refunding Bonds	821	2015	2027	2.22%	548,208	91,718	639,926
General Obligation Bonds	830	2016	2036	2.08%	228,000	85,780	313,780
General Obligation Refunding Bonds	831	2016	2030	1.72%	549,339	135,148	684,487
N.Y.S E.F.G 2016 Series B Bonds	815	2016	2037	2.48%	175,000	32,722	207,722
N.Y.S E.F.G 2017 Series C Bonds	825	2017	2038	2.98%	2,015,000	494,343	2,509,343
General Obligation Bonds	840	2017	2037	2.76%	333,000	199,555	532,555
General Obligation Refunding Bonds	841	2017	2033	2.21%	730,379	364,221	1,094,600
General Obligation Bonds	850	2018	2038	2.75%	825,000	529,363	1,354,363
General Obligation Bonds	860	2019	2039	2.59%	910,000	645,150	1,555,150
General Obligation Refunding Bonds	861	2019	2039	1.56%	307,300	88,563	395,863
N.Y.S E.F.G 2019 Series A Bonds	835	2019	2039	1.46%	1,055,000	232,752	1,287,752
General Obligation Bonds	870	2020	2041	1.73%	503,770	200,419	704,189
General Obligation Refunding Bonds	871	2020	2037	1.43%	564,700	183,444	748,144
N.Y.S E.F.G 2020 Series B Bonds	845	2021	2041	2.21%	90,000	15,709	105,709
General Obligation Bonds	880	2021	2041	1.60%	757,680	608,299	1,365,979
N.Y.S E.F.G 2021 Series B Bonds	855	2021	2042	3.33%	940,000	182,205	1,122,205
General Obligation Bonds	890	2022	2042	3.30%	1,608,300	1,710,588	3,318,888
General Obligation Refunding Bonds	891	2022	2034	2.63%	849,199	101,021	950,220
N.Y.S.E.F.C. 2022 Series B Bonds	865	2022	2042	6.40%	318,409	140,919	459,328
General Obligation Bonds	900	2023	2043	3.31%	438,523	845,451	1,283,974
<b>Total: Consol. Sanitary District</b>					<b>26,622,007</b>	<b>9,646,000</b>	<b>36,268,007</b>

## Serial Bonds 2024 Debt Service by Department

	No.	Year Issued	Final Maturity	Interest Rate	2024 Serial Bond Payments		
					Principal	Interest	Total
<b>Drainage Districts</b>							
General Obligation Refunding Bonds	821	2015	2027	2.22%	120,792	21,111	141,903
General Obligation Refunding Bonds	831	2016	2030	1.72%	4,730	705	5,435
General Obligation Bonds	840	2017	2037	2.76%	15,000	8,915	23,915
General Obligation Refunding Bonds	871	2020	2037	1.43%	18,600	6,030	24,630
General Obligation Refunding Bonds	891	2022	2034	2.63%	91,490	5,857	97,347
<b>Total: Drainage Districts</b>					<b>250,612</b>	<b>42,619</b>	<b>293,231</b>
<b>Water District</b>							
General Obligation Refunding Bonds	811	2014	2026	2.19%	161,600	20,160	181,760
General Obligation Bonds	820	2015	2045	3.43%	270,000	132,788	402,788
General Obligation Bonds	830	2016	2036	2.08%	52,000	19,394	71,394
General Obligation Bonds	840	2017	2037	2.76%	82,000	48,750	130,750
General Obligation Refunding Bonds	841	2017	2033	2.21%	692,682	340,300	1,032,982
General Obligation Bonds	850	2018	2038	2.75%	90,000	59,344	149,344
General Obligation Bonds	860	2019	2039	2.59%	105,000	75,675	180,675
General Obligation Bonds	870	2020	2041	1.73%	75,310	29,957	105,267
General Obligation Refunding Bonds	871	2020	2037	1.43%	470,100	152,659	622,759
General Obligation Refunding Bonds	891	2022	2034	2.63%	208,697	101,865	310,562
<b>Total: Water District</b>					<b>2,207,389</b>	<b>980,890</b>	<b>3,188,279</b>
<b>Total: All Funds</b>					<b>53,513,410</b>	<b>21,438,862</b>	<b>74,952,272</b>

\* All payments are as scheduled with no subsidies, fiscal agent fees, other offsets, or bottom line adjustments 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. 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.

## **Plan Onondaga**

In 2023, the County Legislature adopted Plan Onondaga as the new official Onondaga County comprehensive plan, which establishes a shared set of values and priorities that can lead the community toward a vision of the future.

While the Countywide comprehensive plan provides broad planning guidance for municipalities, it also identifies the roles that the County can play in planning and land use: Advocate, Market, Invest, Build Capacity, Lead, and Establish Policy. The Capital Improvement Plan is one of these important County government roles in implementing the county comprehensive plan.

## **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 2024-2029 Capital Improvement Plan (CIP) includes 30 County Wide projects and 22 projects in the Sewer Fund. All 52 projects recommended for inclusion in the 6-year plan estimate total spending at \$875,645,000.

Total funds for the recommended County-wide project, for 6 years, are \$390,309,000 of which \$84,192,000 will be pay-as-you-go and \$141,829,000 will be debt. The rest is State and Federal Aid. The Sewer Funds projects are expected to cost \$485,336,000, of which \$34,667,000 will be pay-as-you-go and \$439,169,000 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.

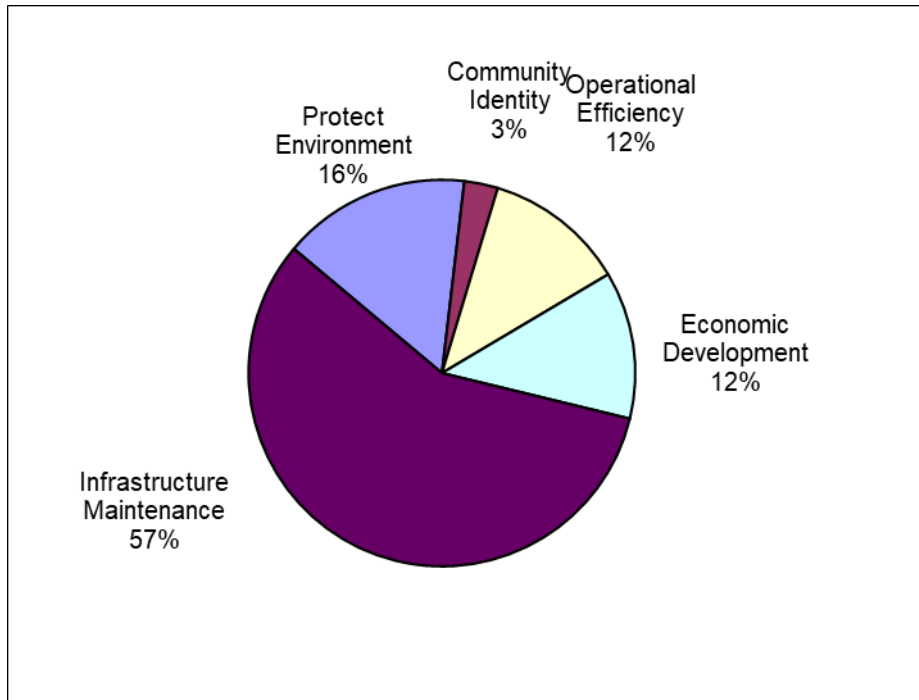
As an alternative to assuming debt, some capital projects are funded on a "pay-as-you-go" basis through departmental operating budgets. Most engineering studies are funded in this manner. Finally, operating costs associated with a project, such as utilities and maintenance, may cause a change in departmental 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 2024 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 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.

### 2024 – 2029 Capital Priorities



## CIP Proposed Projects

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

County Wide Department	Status	Project	2024-29 Total
<b>General Fund</b>			
EMERGENCY COMMUNICATIONS			
		Building a new E911 Center Facility	21,100
		Subtotal	\$21,000
FACILITIES MANAGEMENT			
		Community Plaza Garage	2,450
		Courthouse – HVAC Renovations	9,000
	NEW	Erie Canal Museum Rehabilitation & Repairs	1,300
		Facilities Various Capital Improvements	2,000
		OnCenter Rehabilitation	2,500
	NEW	War Memorial Upgrades	5,210
		Subtotal	\$22,460
HILLBROOK DETENTION HOME			
		Education, Recreation & Vocational Center at Hillbrook Detention Center	8,225
		Subtotal	\$8,225
OFFICE OF THE ENVIRONMENT			
		Ash Tree Management	3,000
		Subtotal	\$3,000
PARKS & RECREATION			
		Build African Savannah Exhibit	7,850
		Carpenters Brook Fish Hatchery Building Replacement	1,020
		County Multi Sports Complex	27,500
		Lights on the Lake Storage Facility	600
		Oneida Shores Facility Upgrade	690
	NEW	Onondaga Lake Park Marina Expansion & Rehabilitation	13,700
		Parks Various Infrastructure Rehabilitation & Improvement	19,477
		Subtotal	\$70,837
		<b>General Fund Total</b>	<b>\$125,522</b>
<b>Library Fund</b>			
ONONDAGA COUNTY PUBLIC LIBRARY			
		Mobile Library Outreach	380
		Subtotal	\$380
		<b>Library Total</b>	<b>\$380</b>
<b>Community College Fund</b>			
ONONDAGA COMMUNITY COLLEGE			
		Gordon Student Center – Student Service & Student Union Environment	18,000
		Information Technology Package	9,000
		Interior Finish Package	1,750
		Subtotal	\$28,750
		<b>Community College Total</b>	<b>\$28,750</b>

County Wide Department	Status	Project	2024-29 Total
<b>County Road</b>			
TRANSPORTATION			
		Bituminous Surface Treatment	16,500
		Bridges	10,943
		Capital Highway Construction	76,736
		Caughdenoy Road / NYS Route 31 Road Improvements	10,500
		Cold Mix Bituminous Paving	33,740
		Guide Rail	4,139
		Marcellus Maintenance Facility Sewer Connection	450
		Repaving Program (Hot Mix Bituminous)	75,232
		Testing, Drainage and Facilities Repair	4,898
		Traffic Systems Management	2,519
		Subtotal	\$235,657
		<b>County Road Total</b>	<b>\$235,657</b>
		<b>County Wide Total</b>	<b>\$390,309</b>

Special Funds Department	Status	Project	2024-29 Total
<b>Sewer Fund</b>			
WATER ENVIRONMENT PROTECTION			
		Baldwinsville Seneca Knolls & Oak Orchard WWTP Oxygen System Replacement	10,000
		Camillus Force Main Replacement	25,000
		Comprehensive Asset Renewal at Baldwinsville WWTP	4,886
		Comprehensive Asset Renewal at Brewerton WWTP	6,688
		Comprehensive Asset Renewal at Meadowbrook Limestone WWTP	16,777
		Comprehensive Asset Renewal at Metro WWTP	3,225
		Comprehensive Asset Renewal at Wetzel Rd. WWTP	4,100
		Davis Rd Pump Station and Forcemain Improvements	18,200
		Department Wide Building and Site improvements	12,096
		Department Wide Mechanical, Electrical and Process Improvements	13,080
		Harbor Brook Miscellaneous Culvert and Channel Improvements	1,500
		Ley Creek/Liverpool Force Main Rehabilitation/Replacement Project	90,000
		Meadowbrook Limestone & Brewerton WWTP - Drum Replacement	5,000
		Meadowbrook-Limestone WWTP Large Scale Upgrade	4,900
		Metro WWTP 1978 Plant Annex Asset Renewal - Phase I	81,700
		Oak Orchard Wastewater Treatment Plant Major Upgrade Project	10,000
		Route 81, Sanitary Sewer Betterments	18,000
		Sewer Consolidation	81,750
		Storm hazard mitigation in various affected facilities	1,500
		Velasko Road Dam Repairs & Improvements	1,150
		Wastewater Transportation System Improvements	40,784
		White Pine Industrial Park Conveyances	35,000
		Subtotal	\$485,336
		<b>Sewer Total</b>	<b>\$485,336</b>
		<b>Grand Total</b>	<b>\$875,645</b>

## FUNDING SOURCES OF PROPOSED PROJECTS

County Wide	2024	2025	2026	2027	2028	2029	6yr Total
<b>General Fund</b>							
Cash on Hand	210	-	-	-	-	-	210
Borrowing to be Authorized	28,593	39,435	12,465	4,850	3,875	367	89,587
Federal Aid	-	27,500	-	-	-	-	27,500
State Aid	8,225	-	-	-	-	-	8,225
<b>SUB TOTALS</b>	<b>\$37,030</b>	<b>\$66,935</b>	<b>\$12,465</b>	<b>\$4,850</b>	<b>\$3,875</b>	<b>\$367</b>	<b>\$125,522</b>
<b>County Road</b>							
Pay As You Go	6,000	8,677	12,544	15,364	18,386	23,011	83,982
Borrowing to be Authorized	7,262	6,251	9,325	8,652	3,532	2,465	37,487
Federal Aid	7,680	16,000	17,200	15,200	5,000	4,800	65,880
State Aid	7,237	8,662	8,574	8,424	7,724	7,687	48,308
<b>SUB TOTALS</b>	<b>\$28,179</b>	<b>\$39,590</b>	<b>\$47,643</b>	<b>\$47,640</b>	<b>\$34,642</b>	<b>\$37,963</b>	<b>\$235,657</b>
<b>Library</b>							
Borrowing to be Authorized	-	380	-	-	-	-	380
<b>SUB TOTALS</b>	<b>-</b>	<b>\$380</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$380</b>
<b>Community College</b>							
Borrowing to be Authorized	-	-	-	5,800	8,575	-	14,375
State Aid	-	-	-	5,800	8,575	-	14,375
<b>SUB TOTALS</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$11,600</b>	<b>\$17,150</b>	<b>-</b>	<b>\$28,750</b>
<b>COUNTY WIDE TOTALS</b>	<b>\$65,209</b>	<b>\$106,905</b>	<b>\$60,108</b>	<b>\$64,090</b>	<b>\$55,667</b>	<b>\$38,330</b>	<b>\$390,309</b>
<b>Special Funds</b>							
<b>Drain &amp; San</b>							
Cash on Hand	-	300	-	-	-	-	300
Special District Tax	-	8,811	8,407	5,990	6,870	4,689	34,367
Authorized Borrowing	75,200	28,000	-	-	-	-	103,200
Borrowing to be Authorized	49,545	96,292	95,049	67,083	28,000	-	335,969
State Aid	11,500	-	-	-	-	-	11,500
<b>SUB TOTALS</b>	<b>\$136,245</b>	<b>\$133,003</b>	<b>\$103,456</b>	<b>\$73,073</b>	<b>\$34,870</b>	<b>\$4,689</b>	<b>\$485,336</b>
<b>GRAND TOTAL</b>	<b>\$201,454</b>	<b>\$239,908</b>	<b>\$163,564</b>	<b>\$137,163</b>	<b>\$90,537</b>	<b>\$43,019</b>	<b>\$875,645</b>



## CIP Proposed Projects

### Summary of 2024 Estimated Expenses

<b>Department/Project</b>	<b>2024 Cost Only (\$ in 000's)</b>
<b>E-911</b>	
Building a new E911 Center Facility	\$1,000
<b>Sub Total</b>	<b>\$1,000</b>
<b>Facilities</b>	
Community Plaza Garage	\$2,450
Courthouse - HVAC Renovations	\$2,000
Erie Canal Museum Rehabilitation and Repairs.(NEW)	\$1,300
Facilities Various Capital Improvements	\$500
OnCenter Rehabilitations	\$500
War Memorial Upgrades (NEW)	\$5,210
<b>Sub Total</b>	<b>\$11,960</b>
<b>Hillbrook</b>	
Education, recreation and vocational center at Hillbrook detention Center	\$8,225
<b>Sub Total</b>	<b>\$8,225</b>
<b>Parks</b>	
Carpenters Brook Fish Hatchery building replacement	\$120
Oneida shores Facility Upgrade	\$90
Onondaga Lake Park Marina Expansion and Rehabilitation (NEW)	\$13,700
Parks Various Infrastructure Rehabilitation and Improvement	\$1,935
<b>Sub Total</b>	<b>\$15,845</b>
<b>DOT</b>	
Bituminous Surface Treatment	\$1,850
Bridges	\$1,650
Capital Highway Construction	\$9,600
Caughdenoy Road / NYS Route 31 Road Improvements	\$0
Cold Mix Bituminous Paving	\$3,940
Guide Rail	\$624
Marcellus Maintenance Facility Sewer Connection	\$450
Repaving Program (Hot Mix Bituminous)	\$8,947
Testing, Drainage and Facilities Repair	\$738
Traffic Systems Management	\$380
<b>Sub Total</b>	<b>\$28,179</b>

**COUNTY WIDE FUNDS TOTAL** **\$65,209**

**WEP**

Baldwinsville Seneca Knolls and Oak Orchard WWTP Oxygen System Replacement	\$5,000
Camillus Force Main Replacement	\$12,500
Comprehensive Asset Renewal at Meadowbrook Limestone WWTP	\$4,100
Comprehensive Asset Renewal at Metro WWTP	\$625
Davis Rd Pump Station and Forcemain Improvements	\$11,200
Ley Creek/Liverpool Force Main Rehabilitation/Replacement Project	\$25,000
Metro WWTP 1978 Plant Annex Asset Renewal	\$37,000
Sewer Consolidation	\$9,500
Storm Hazard Mitigation in Various Affected Facilities	\$1,500
Wastewater Transportation System Improvements	\$1,820
White Pine/Rt 31 Municipal Sewer Expansion	\$28,000
<b>Sub Total</b>	<b>\$136,245</b>

**ALL FUNDS TOTAL** **\$201,454**

## Proposed Capital Improvement Projects For 2024

The following is a listing with a very brief description of the capital projects that are anticipated to require funding in 2024. More detail can be found in the County's 2024-2029 Capital Improvement Plan.

### **EMERGENCY COMMUNICATIONS**

**Project: Building a new E911 Center Facility**

**Level of Development:** Preliminary

**Project Description:** The E911 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. We engaged the services of an architectural firm to make recommendations and provide cost estimates for new alternatives including relocation replacements/repairs, improvements, and adjustments required to accommodate advancements in technology. This study also included the former Hillbrook/Fire Control/OCSO South Station building which is currently used for storage and is in failing condition.

### **FACILITIES MANAGEMENT**

**Project: Community Plaza Garage**

**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: Courthouse - HVAC Renovations**

**Level of Development:** Advanced

**Project Description:** This project is designed to address the aging, 50+ year old HVAC systems in this important 106-year-old landmark building. The goal of this project is to extend and improve the mechanical life of the building's infrastructure without the need to displace the critical functions that take place during the renovation process.

**Project: Courthouse - Erie Canal Museum Rehabilitation and Repairs. (NEW)**

**Level of Development:** Preliminary

**Project Description:** The Erie Canal Museum is an historical property owned by Onondaga County. It is operated as a museum. It consists of the original Weigh lock Building and the Visitor Center addition. Recently a building condition assessment was performed by an engineering consultant. The result of that study was several recommendations for rehabilitative work. Included in those recommendations are: exterior masonry restoration at the north retaining wall, supplemental rafter and joist repair and reinforcement, repointing of the brick face, repointing of attic space interior masonry, various HVAC replacements, resetting of the visitor center entrance and various floor repairs

**Project: Facilities Various Capital Improvements**

**Level of Development:** Advanced

**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 in various facilities, as well as providing for the preservation of County assets. This will also include provisions for improvements designed to reduce the chance of pandemic spread by modifying work environments, creating biologic barriers, implementing additional disinfectant systems, introducing technologies of sensors and screening as well as strengthening the security and surveillance of our properties.

**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.

**Project: Community Plaza Garage**

**Level of Development:** Intermediate

**Project Description:** This project will replace the fatigued 13 years old demountable telescopic seats of the lower arena of War Memorial, and the obsolete several decades old sound system with current technology.

## **HILLBROOK**

**Project: Education, recreation and vocational center at Hillbrook detention center**

**Level of Development:** Intermediate

**Project Description:** We are proposing the creation of a dedicated vocational/recreation center with a dining hall. In addition to several multi-use programmatic rooms that could be used for a variety of purposes, we also sought input from residents who stated that they would greatly benefit from dedicated areas where they could learn a variety of skills/trades as well as a dog shelter. The additional space would allow for a much more enriching experience and would have a profound impact on all residents and staff.

## **PARKS & RECREATION**

**Project: Carpenters Brook Fish Hatchery Building Replacement**

**Level of Development:** Preliminary

**Project Description:** This project provides for replacement of the carpenters' brook hatchery, diet, oil storage, and office buildings, with a single more efficient building. The project also includes necessary repairs and upgrades to related fish rearing facilities.

**Project: Oneida Shores Facility Upgrade**

**Level of Development:** Preliminary

**Project Description:** Many of the Oneida Shores facilities are old and in need of upgrading and improvement. Portions of the shoreline are eroding.

**Project: Onondaga Lake Park Marina Expansion and Rehabilitation (NEW)**

**Level of Development:** Advanced

**Project Description:** The Onondaga Lake Marina will be renovated and expanded, including retaining wall replacement, addition of short-term dockage, addition of a fueling station, expanded parking, additional utility enhancements including lighting, water, shore power. Also, additional dredging will return the marina to the original depths.

**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.

**TRANSPORTATION**

**Project: Bituminous Surface Treatment**

**Level of Development:** Ongoing

**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**

**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: Guide Rail**

**Level of Development:** Ongoing

**Project Description:** This program involves the installation of guide rail at various locations on County highways.

**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.

**Project: Marcellus Maintenance Facility Sewer Connection (NEW)**

**Level of Development:** Intermediate

**Project Description:** The project consists of installing a new sanitary sewer system extending approximately 650-feet, connecting to the Town of Marcellus public sewer system. Excavation, backfill, structures and pipe, and pavement repairs will be required to complete the work. Easements will also be required to acquire the necessary property rights for the sewer system.

## **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: Camillus Force Main Replacement**

**Level of Development:** Ongoing

**Project Description:** Replacement of a 24 inch diameter 7 mile long wastewater pipeline.

**Project: Comprehensive Asset Renewal at Meadowbrook Limestone WWTP**

**Level of Development:** Intermediate

**Project Description:** This project takes a systematic approach to repair, replace and renovate various assets at Meadowbrook Limestone Wastewater Treatment Plant (WWTP).

The scope of this project is wide and will include repair or replacement of a large variety of small and midsize assets that are too small to be standalone projects or that are not included in a department wide project scope.

This project is created and will continuously be updated by strongly relying on our Asset Management System and the knowledge of our operations, maintenance and management teams. Assets considered under this project are analyzed and evaluated individually based on likelihood of failure and consequence of failure, which determine the priorities, the nature and the size of our capital investments.

**Project: Comprehensive Asset Renewal at Metro WWTP**

**Level of Development:** Intermediate

**Project Description:** This project takes a systematic approach to repair, replace and renovate various assets at Metro Wastewater Treatment Plant (WWTP).

The scope of this project is wide and will include repair or replacement of a large variety of small and midsize assets that are too small to be standalone projects or that are not included in a department wide project scope. This project is created and will continuously be updated by strongly relying on our Asset Management System and the knowledge of our operations, maintenance and management teams. Assets considered under this project are analyzed and evaluated individually based on likelihood of failure and consequence of failure, which determine the priorities, the nature and the size of our capital investments.

**Project: Davis Rd Pump Station and Force main Improvements**

**Level of Development:** Intermediate

**Project Description:** The project includes the replacement of mechanical and electrical equipment, HVAC systems, cranes & hoists, concrete and mortar repair, and other necessary improvements for the Davis Rd Pump Station (PS). The project will also include improvements to the Davis Rd PS Force Main system - with the end result being two separate Force Mains.

**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: Meadowbrook-Limestone WWTP Large Scale Upgrade**

**Level of Development:** Preliminary

**Project Description:** This project will address a potential large-scale upgrade of the Meadowbrook-Limestone WWTP so as to provide additional treatment plant capacity to support compliance with WWTP's NYSDEC SPDES permit and NYSDEC Compliance Order.

**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: Sewer Consolidation**

**Level of Development:** Ongoing

**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: Storm hazard mitigation in various affected facilities (NEW)**

**Level of Development:** Intermediate

**Project Description:** Between August 18th-19th 2021, WEP sustained damage caused by Tropical Storm Fred. Due to the extensive damage caused a Federal Disaster was declared by Federal Emergency Management Agency (FEMA), DR 4625. WEP will receive funding for repairs of the infrastructure affected by the storm and reimbursement for a portion of the cost to identify, evaluate, and potentially mitigate impacts from any future storms. WEP will receive 100% cost reimbursement (90% Federal, 10% State) for project costs.

**Project: Wastewater Transportation System Improvements**

**Level of Development:** Advanced

**Project Description:** This project consists of four primary or categorical elements: Pump Station/Force Main Maintenance and Improvements, Trunk Sewer Maintenance and Improvements, Facility Maintenance and Improvements and Combined Sewer Overflow (CSO) Abatement. Although we make our best efforts in being proactive to prevent failure of our assets, we recognize that sometimes unpredicted failures happen and we need to be financially prepared to handle these situations, therefore we have created the phase 5, Miscellaneous Emergency Repairs. The amount of funding for this phase is

based on past experiences and on the fact that at the present we are following a very proactive preventative approach to minimize the amount of emergency repairs.

**Project: White Pine/Rt 31 Municipal Sewer Expansion**

**Level of Development:** Intermediate

**Project Description:** This project will provide public sewer service to the White Pine Industrial Park and surrounding areas. These areas are located along and in the vicinity Route 31 and Caughdenoy Road in the Town of Clay, Onondaga County. The project will consist of a 5 MGD pumping station and two force mains main that will be approximately 20,000 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.