

SUMMARY FUNDING TABLES

Table 1
Approved FY 2020 – FY 2029 Capital Improvement Program
Total Sources and Uses of Capital Improvement Program Funds

Source of Funds	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL FY 2020 - 2029
All City Cash Sources (Cash Capital)											
General Fund Planned Appropriations (Transfer from General Fund)	\$ 40,031,577	\$ 38,299,000	\$ 39,333,000	\$ 40,395,000	\$ 41,486,000	\$ 42,606,000	\$ 43,756,000	\$ 44,937,000	\$ 46,150,000	\$ 47,396,000	\$ 424,389,577
Reprogrammed Prior Year Balances	\$ 525,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 525,000
Use of Available Bond Premium	\$ 4,200,459	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,200,459
Use of CIP Designated Fund Balance	\$ 1,050,000	\$ 4,200,000	\$ 2,731,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,981,000
Subtotal, All Unrestricted City Cash Sources	\$ 45,807,036	\$ 42,499,000	\$ 42,064,000	\$ 40,395,000	\$ 41,486,000	\$ 42,606,000	\$ 43,756,000	\$ 44,937,000	\$ 46,150,000	\$ 47,396,000	\$ 437,096,036
Unrestricted Borrowing Sources											
General Obligation Bonds (Excl. Sewers/TIP/Potomac Yard)	\$ 47,446,594	\$ 195,315,039	\$ 119,728,267	\$ 116,291,865	\$ 53,523,276	\$ 48,234,638	\$ 50,007,698	\$ 60,679,243	\$ 29,590,738	\$ 66,452,952	\$ 787,270,310
General Obligation Bond Interest Earnings	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 2,500,000
Subtotal, All Unrestricted City Sources	\$ 93,503,630	\$ 238,064,039	\$ 162,042,267	\$ 156,936,865	\$ 95,259,276	\$ 91,090,638	\$ 94,013,698	\$ 105,866,243	\$ 75,990,738	\$ 114,098,952	\$ 1,226,866,346
Restricted City Sources											
Meals Tax Dedication for Affordable Housing	\$ 4,846,200	\$ 4,872,000	\$ 4,945,000	\$ 5,019,000	\$ 5,094,000	\$ 5,170,000	\$ 5,248,000	\$ 5,327,000	\$ 5,407,000	\$ 5,488,000	\$ 51,416,200
Pension Administrative Fees	\$ 50,000	\$ -	\$ -	\$ -	\$ 175,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Potomac Yard Special Tax District Revenue	\$ 226,226	\$ 237,200	\$ 248,600	\$ 260,700	\$ 273,400	\$ 286,700	\$ 300,600	\$ 315,200	\$ 330,500	\$ 346,600	\$ 2,825,726
Sanitary Sewer Fees	\$ 3,453,193	\$ 7,590,400	\$ 7,408,800	\$ 4,054,400	\$ 2,102,200	\$ 4,152,400	\$ 3,205,100	\$ 2,760,300	\$ 2,318,200	\$ 2,379,000	\$ 39,423,993
General Obligation Bonds - Sanitary Sewers	\$ -	\$ -	\$ -	\$ 2,000,000	\$ -	\$ 10,850,000	\$ 12,250,000	\$ 13,250,000	\$ -	\$ -	\$ 38,350,000
Stormwater Utility Fees	\$ 2,292,704	\$ 1,849,500	\$ 2,198,100	\$ 2,843,400	\$ 5,240,400	\$ 5,339,200	\$ 4,440,000	\$ 2,937,700	\$ 3,087,500	\$ 2,535,500	\$ 32,764,004
General Obligation Bonds - Stormwater Management	\$ 3,987,993	\$ 3,550,000	\$ 3,275,000	\$ 3,275,000	\$ 4,775,000	\$ 4,715,000	\$ 4,715,000	\$ 8,775,000	\$ 4,775,000	\$ 2,775,000	\$ 44,617,993
Use of Equipment Replacement Fund Balance	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Cash Capital - Transportation Improvement Program	\$ 1,030,566	\$ 1,787,100	\$ 700,200	\$ 1,913,700	\$ 1,477,600	\$ 1,741,900	\$ 1,506,700	\$ 1,771,900	\$ 1,787,500	\$ 1,803,600	\$ 15,520,766
Subtotal, Restricted City Sources	\$ 15,986,882	\$ 19,886,200	\$ 18,775,700	\$ 19,366,200	\$ 19,137,600	\$ 32,280,200	\$ 31,665,400	\$ 35,137,100	\$ 17,705,700	\$ 15,327,700	\$ 225,268,682
Non-City Sources											
CMAQ/RSTP	\$ 2,278,400	\$ 3,507,350	\$ 1,350,000	\$ 1,500,000	\$ 505,745	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,141,495
Comcast Revenues	\$ 1,700,000	\$ 1,700,000	\$ 908,000	\$ 939,000	\$ 970,000	\$ 1,004,000	\$ 1,040,000	\$ 1,080,000	\$ 1,080,000	\$ 1,080,000	\$ 11,501,000
Developer Contributions	\$ 1,045,213	\$ 3,580,000	\$ 16,280,000	\$ 16,780,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 38,165,213
NVTA 30%	\$ 3,038,911	\$ 2,125,000	\$ 2,700,000	\$ 1,400,000	\$ 2,100,000	\$ 1,400,000	\$ 1,400,000	\$ 1,400,000	\$ 1,400,000	\$ 1,400,000	\$ 18,363,911
NVTA 70%	\$ 13,195,491	\$ 14,133,161	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,328,652
Private Capital Contributions	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 2,000,000
State/Federal Grants	\$ 7,820,948	\$ 6,256,123	\$ 16,863,003	\$ 12,985,648	\$ 1,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,325,722
State Revenue Sharing	\$ 1,294,015	\$ 632,051	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 13,926,066
Subtotal, Non-City Sources	\$ 30,472,978	\$ 32,033,685	\$ 39,701,003	\$ 35,204,648	\$ 7,655,745	\$ 4,084,000	\$ 4,120,000	\$ 4,160,000	\$ 4,160,000	\$ 4,160,000	\$ 165,752,059
Total, All Sources	\$ 139,963,490	\$ 289,983,924	\$ 220,518,970	\$ 211,507,713	\$ 122,052,621	\$ 127,454,838	\$ 129,799,098	\$ 145,163,343	\$ 97,856,438	\$ 133,586,652	\$ 1,617,887,087

All Uses (CIP Document Section)	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL FY 2020 - 2029
Schools	\$ 36,829,355	\$ 114,543,770	\$ 70,458,717	\$ 55,929,515	\$ 30,014,085	\$ 26,580,308	\$ 13,222,748	\$ 33,090,329	\$ 15,782,876	\$ 51,824,252	\$ 448,275,955
Community Development	\$ 10,884,672	\$ 59,717,600	\$ 10,747,400	\$ 9,583,500	\$ 7,195,600	\$ 9,270,000	\$ 7,390,700	\$ 9,273,400	\$ 10,895,100	\$ 10,619,100	\$ 145,577,072
Recreation & Parks	\$ 7,769,213	\$ 7,829,000	\$ 7,647,000	\$ 8,397,000	\$ 12,747,000	\$ 8,147,000	\$ 8,122,000	\$ 8,817,000	\$ 8,612,000	\$ 8,612,000	\$ 86,699,213
Public Buildings	\$ 14,243,500	\$ 20,043,750	\$ 22,485,050	\$ 41,570,250	\$ 10,368,250	\$ 8,542,500	\$ 21,226,250	\$ 6,216,500	\$ 2,727,250	\$ 2,905,100	\$ 150,328,400
Transportation	\$ 46,903,839	\$ 54,626,634	\$ 61,268,003	\$ 57,465,648	\$ 27,635,745	\$ 25,080,000	\$ 24,630,000	\$ 27,330,000	\$ 27,357,000	\$ 28,130,000	\$ 380,426,869
Sanitary Sewers	\$ 2,255,990	\$ 6,525,000	\$ 6,300,000	\$ 4,900,000	\$ 900,000	\$ 13,750,000	\$ 14,150,000	\$ 14,650,000	\$ 900,000	\$ 900,000	\$ 65,230,990
Stormwater Management	\$ 5,970,000	\$ 4,880,000	\$ 4,920,000	\$ 5,530,000	\$ 9,390,000	\$ 9,390,000	\$ 8,450,000	\$ 10,965,000	\$ 7,070,000	\$ 4,471,000	\$ 71,036,000
Other Regional Contributions	\$ 777,708	\$ 867,000	\$ 875,000	\$ 884,000	\$ 893,000	\$ 901,000	\$ 911,000	\$ 920,000	\$ 929,000	\$ 938,000	\$ 8,895,708
IT Plan	\$ 8,097,000	\$ 8,065,500	\$ 5,749,000	\$ 5,728,000	\$ 5,468,000	\$ 5,738,500	\$ 6,261,000	\$ 5,813,000	\$ 6,235,500	\$ 7,402,000	\$ 64,557,500
Reservation of Bond Capacity/Cash Capital for City/School Facilities	\$ -	\$ 6,352,170	\$ 23,220,000	\$ 14,340,000	\$ 9,914,041	\$ 12,164,530	\$ 17,162,500	\$ 19,414,414	\$ 8,253,512	\$ 8,250,000	\$ 119,071,167
CIP Development & Implementation Staff	\$ 6,232,213	\$ 6,533,500	\$ 6,848,800	\$ 7,179,800	\$ 7,526,900	\$ 7,891,000	\$ 8,272,900	\$ 8,673,700	\$ 9,094,200	\$ 9,535,200	\$ 77,788,213
Grand Total	\$ 139,963,490	\$ 289,983,924	\$ 220,518,970	\$ 211,507,713	\$ 122,052,621	\$ 127,454,838	\$ 129,799,098	\$ 145,163,343	\$ 97,856,438	\$ 133,586,652	\$ 1,617,887,087
% from Bonds	36.7%	68.6%	55.8%	57.5%	47.8%	50.1%	51.6%	57.0%	35.1%	51.8%	53.8%
% from City and Other Cash Sources	63.3%	31.4%	44.2%	42.5%	52.2%	49.9%	48.4%	43.0%	64.9%	48.2%	46.2%

Table 2
Approved FY 2020 – FY 2029 Capital Improvement Program
Sources and Uses of Funds
For the Ten Fiscal Years Ending June 30, 2029

City Funded Sources	Recurring Cash Capital (1)	Projected G/F Debt Service (2)	Total General Fund
Planned Future General Fund Appropriations to Support Capital Projects, FY 2020 - 2029			
FY 2020	\$45,908,343	\$65,975,323	\$111,883,666
FY 2021	\$44,958,100	\$83,898,786	\$128,856,886
FY 2022	\$44,978,200	\$91,867,042	\$136,845,242
FY 2023	\$47,327,700	\$102,890,478	\$150,218,178
FY 2024	\$48,057,600	\$102,854,596	\$150,912,196
FY 2025	\$49,517,900	\$105,621,216	\$155,139,116
FY 2026	\$50,510,700	\$106,403,078	\$156,913,778
FY 2027	\$52,035,900	\$106,925,474	\$158,961,374
FY 2028	\$53,344,500	\$107,423,517	\$160,768,017
FY 2029	\$54,687,600	\$111,086,364	\$165,773,964
TOTAL Planned Future Appropriations	\$491,326,543	\$984,945,875	\$1,476,272,418
(1) Includes only recurring Cash Capital, TIP cash and Meals Tax Dedication for Affordable Housing, but not one-time cash sources.			
(2) Includes planned Landmark Development, and Potomac Yard debt service.			
Planned General Obligation Bond Issues (1)			
FY 2020	\$51,434,587		
FY 2021	\$198,865,039		
FY 2022	\$123,003,267		
FY 2023	\$121,566,865		
FY 2024	\$58,298,276		
FY 2025	\$63,799,638		
FY 2026	\$66,972,698		
FY 2027	\$82,704,243		
FY 2028	\$34,365,738		
FY 2029	\$69,227,952		
TOTAL Planned General Obligation Bond Issues	\$870,238,303		
(1) This reflects the planned capital expenditures per fiscal year that will be funded by GO Bonds. Actual schedule of borrowing may vary, dependent on the cash flow needs of existing on-going projects and planned future projects.			
Planned Other City Sources			
Reprogrammed Prior Year Balances	\$525,000		
Use of Available Bond Premium	\$4,200,459		
Use of CIP Designated Fund Balance	\$7,981,000		
General Obligation Bond Interest Earnings	\$2,500,000		
Pension Administrative Fees	\$250,000		
Potomac Yard Special Tax District Revenue	\$2,825,726		
Sanitary Sewer Fees	\$39,423,993		
Stormwater Utility Fees	\$32,764,004		
Use of Equipment Replacement Fund Balance	\$100,000		
TOTAL Planned Other City Sources	\$90,570,182		
TOTAL CITY SOURCES (FY 2020 - FY 2029)	\$2,437,080,903		

Table 2 (Continued)
 Approved FY 2020 – FY 2029 Capital Improvement Program
 Sources and Uses of Funds
 For the Ten Fiscal Years Ending June 30, 2029

Approved FY 2020 - FY 2029 City Funded CIP

FY 2020 Approved Capital Budget	\$109,490,512
FY 2021 Proposed Capital Budget	\$257,950,239
FY 2022 Proposed Capital Budget	\$180,817,967
FY 2023 Proposed Capital Budget	\$176,303,065
FY 2024 Proposed Capital Budget	\$114,396,876
FY 2025 Proposed Capital Budget	\$123,370,838
FY 2026 Proposed Capital Budget	\$125,679,098
FY 2027 Proposed Capital Budget	\$141,003,343
FY 2028 Proposed Capital Budget	\$93,696,438
FY 2029 Proposed Capital Budget	\$129,426,652

TOTAL CITY FUNDED USES (FY 2020 - FY 2029)	\$1,452,135,028
---	------------------------

Table 3

Approved FY 2020 – FY 2029 Capital Improvement Program Summary by Funding Source

Note: Projects with \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2020 - FY 2029
Bond Premiums											
ACPS											
ACPS Capital Program	4,200,459	0	0	0	0	0	0	0	0	0	4,200,459
ACPS Total	4,200,459	0	0	0	0	0	0	0	0	0	4,200,459
Bond Premiums Total	4,200,459	0	0	0	0	0	0	0	0	0	4,200,459
Cash Capital											
Community Development											
Affordable Housing Funding	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,000,000
Braddock Road Area Plan - Streetscape Improvements	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
Citywide Street Lighting	875,000	875,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	1,950,000
Development Studies	275,000	0	0	0	0	0	0	0	0	0	275,000
Environmental Restoration	0	150,000	0	150,000	0	150,000	0	150,000	0	150,000	750,000
Gadsby Lighting Fixtures & Poles Replacement	950,000	950,000	950,000	950,000	0	75,000	0	75,000	75,000	0	4,025,000
Office of Historic Alexandria Initiatives	390,000	125,000	0	0	0	0	0	0	0	0	515,000
Police Body-Worn Cameras (BWC's)	0	TBD	TBD	0	0	0	0	0	0	0	-
Public Art Acquisition	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Public Art Conservation Program	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	22,500	225,000
Transportation Signage & Wayfinding System	0	432,000	241,000	0	0	0	0	0	0	0	673,000
Community Development Total	3,807,500	3,849,500	2,533,500	2,442,500	1,342,500	1,567,500	1,342,500	1,567,500	1,417,500	1,492,500	21,363,000
Recreation & Parks											
Americans with Disabilities Act (ADA) Requirements	250,000	100,000	100,000	100,000	100,000	100,000	100,000	110,000	110,000	110,000	1,180,000
Athletic Field Improvements (incl. Synthetic Turf)	500,000	500,000	500,000	500,000	500,000	2,000,000	200,000	2,000,000	2,000,000	2,000,000	10,700,000
Ball Court Renovations	150,000	150,000	150,000	150,000	150,000	150,000	150,000	165,000	165,000	165,000	1,545,000
Cameron Run Regional Park Feasibility Study	0	0	0	0	0	200,000	TBD	TBD	TBD	0	200,000
Chinquapin Recreation Center CFMP	775,000	975,000	775,000	775,000	375,000	775,000	575,000	25,000	25,000	25,000	5,100,000
City Marina Maintenance	75,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	480,000
Citywide Parks Improvements Plan	0	100,000	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
Community Matching Fund	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Fort Ward Management Plan Implementation	0	170,000	0	150,000	0	200,000	0	200,000	0	0	720,000
Neighborhood Pool Demolition and Conversion	450,000	0	450,000	0	0	0	0	0	0	0	900,000
Old Town Pool Renovations	0	0	0	500,000	0	0	0	0	0	0	500,000
Open Space Acquisition and Develop.	200,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	1,619,555	1,700,000	7,019,555
Park Renovations CFMP	416,000	416,000	411,000	416,000	416,000	416,000	416,000	458,000	450,000	450,000	4,265,000
Pavement in Parks	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Playground Renovations CFMP	622,000	622,000	665,000	665,000	665,000	665,000	665,000	730,000	730,000	730,000	6,759,000
Proactive Maintenance of the Urban Forest	106,500	106,500	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,813,000
Public Pools	67,000	52,000	52,000	97,000	97,000	97,000	97,000	97,000	97,000	97,000	850,000
Recreation Centers CFMP	725,000	725,000	725,000	725,000	725,000	725,000	725,000	725,000	725,000	725,000	7,250,000
Soft Surface Trails	120,000	120,000	120,000	120,000	120,000	120,000	120,000	132,000	135,000	135,000	1,242,000
Tree & Shrub Capital Maintenance	219,500	219,500	326,000	326,000	326,000	326,000	326,000	360,000	360,000	360,000	3,149,000
Water Management & Irrigation	128,000	128,000	128,000	128,000	128,000	128,000	128,000	140,000	140,000	140,000	1,316,000
Waterfront Parks CFMP	50,000	50,000	50,000	50,000	50,000	50,000	50,000	55,000	55,000	55,000	515,000
Recreation & Parks Total	5,004,000	5,129,000	5,347,000	5,697,000	4,647,000	6,947,000	4,547,000	6,192,000	7,106,555	7,187,000	57,803,555
Public Buildings											
2355 Mill Road CFMP	1,389,000	193,000	0	0	1,219,000	0	960,000	0	0	0	3,761,000
Capital Planning & Building Assessment (Condition Assessment)	300,000	0	100,000	100,000	100,000	0	0	0	0	0	600,000
City Hall Renovation and HVAC Replacement	250,000	1,500,000	500,000	500,000	750,000	0	0	0	0	0	3,500,000
City Historic Facilities CFMP	1,650,000	470,000	550,000	110,000	2,330,000	290,000	190,000	400,000	400,000	400,000	6,790,000
Courthouse CFMP	1,100,000	1,100,000	1,100,000	0	0	0	0	0	0	0	3,300,000
Courthouse/PSC Security System Upgrade	0	0	0	0	0	0	0	3,500,000	0	0	3,500,000
DCHS Consolidation and Co-Location Study	TBD	0	0	0	0	0	0	0	0	0	TBD
Emergency Power Systems	401,000	401,000	140,000	293,000	25,000	105,000	250,000	0	0	0	1,615,000
Energy Management Program	275,000	475,000	475,000	383,000	475,000	360,000	375,000	375,000	375,000	375,000	3,943,000
Expansion of Police Property Evidence Storage Study	0	0	0	0	100,000	0	0	0	0	0	100,000
Fire & Rescue CFMP	2,050,371	745,000	970,000	90,000	585,000	120,000	970,000	150,000	150,000	150,000	5,980,371
Fire Station 203 (Cameron Mills)	500,000	0	0	0	0	0	0	0	0	0	500,000
Fire Station 205 (Cameron Street)	0	250,000	0	0	0	0	0	0	0	0	250,000
Fire Station 207 (Duke Street)	0	0	0	0	0	1,500,000	3,743,000	0	0	0	5,243,000
Fleet Building CFMP	0	823,000	300,000	360,000	0	0	1,700,000	110,000	110,000	197,000	3,600,000
General Services CFMP	1,013,500	1,011,750	969,750	928,250	987,250	996,500	956,250	766,500	777,250	788,100	9,195,100
Health Department CFMP	0	500,000	1,044,500	0	0	0	0	0	0	0	1,544,500
Library CFMP	0	0	300,000	66,000	87,000	0	0	0	0	0	453,000
Market Square Plaza and Garage Structural Repairs	0	1,590,000	0	0	0	0	0	0	0	0	1,590,000
Mental Health Residential Facilities CFMP	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	750,000
New Burn Building	0	0	540,000	0	0	0	0	0	0	0	540,000
Office of the Sheriff CFMP	1,254,000	2,300,000	2,000,000	1,900,000	2,345,000	1,456,000	0	0	0	80,000	11,335,000
Roof Replacement Program	40,000	0	220,000	0	0	200,000	210,000	0	255,500	250,000	1,175,500
Torpedo Factory Space Programming Study	250,000	0	0	0	0	0	0	0	0	0	250,000
Voia Lawson Animal Shelter	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	400,000
Public Buildings Total	10,587,871	11,473,750	9,324,250	4,845,250	9,118,250	5,142,500	9,469,250	5,416,500	2,182,750	2,355,100	69,915,471
ACPS											
ACPS Capital Program	5,952,005	1,318,680	3,821,250	2,570,650	7,678,309	7,651,170	6,589,550	6,436,586	10,216,083	9,347,300	61,581,583
ACPS Total	5,952,005	1,318,680	3,821,250	2,570,650	7,678,309	7,651,170	6,589,550	6,436,586	10,216,083	9,347,300	61,581,583

Note: Projects with \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2020 - FY 2029
CIP Development & Implementation Staff											
Capital Budget Analyst (1.00 FTE)	97,100	102,000	107,100	112,500	118,100	124,000	130,200	136,700	143,500	150,700	1,221,900
Capital Procurement Personnel (7.60 FTE)	962,500	1,010,500	1,061,000	1,114,000	1,169,500	1,228,000	1,289,500	1,354,000	1,422,000	1,493,000	12,104,000
Capital Project Development Team (2.00 FTE)	265,000	278,500	292,500	307,000	322,500	338,500	355,500	373,500	392,000	411,500	3,336,500
Capital Project Implementation Non-Personnel Expenditures	154,771	159,400	164,200	169,100	174,200	179,400	184,800	190,300	196,000	201,900	1,774,071
Capital Project Implementation Personnel (24.00 FTE)	1,504,616	1,576,700	1,655,500	1,738,300	1,825,200	1,916,500	2,012,300	2,112,900	2,218,500	2,329,400	18,886,916
Capital Project Managers (3.80 FTE)	536,600	563,500	591,600	621,200	652,300	684,900	719,200	755,200	793,000	832,700	6,750,200
Capital Project Superintendent (1.00 FTE)	108,900	114,300	120,000	126,000	132,300	138,900	145,800	153,100	160,800	168,800	1,368,900
CIP Coordinator Position (0.25 FTE)	33,000	34,700	36,400	38,200	40,100	42,100	44,200	46,400	48,700	51,100	414,900
IT Systems Implementation Staff (4.50 FTE)	465,000	488,300	512,700	538,300	565,200	593,500	623,200	654,400	687,100	721,500	5,849,200
Public Private Partnerships Coordinator (1.00 FTE)	105,000	110,500	116,000	122,000	128,000	134,500	141,000	148,000	155,500	163,000	1,324,000
CIP Development & Implementation Staff Total	4,229,487	4,438,400	4,657,000	4,886,600	5,127,400	5,380,300	5,645,700	5,924,500	6,217,100	6,524,100	53,030,587
IT Plan											
AJIS Enhancements	682,000	170,500	176,000	182,000	188,000	194,500	201,000	208,000	215,500	222,000	2,439,500
Application Portfolio Management	100,000	0	0	0	0	0	0	0	0	0	100,000
Business Tax System/Reciprocity Contractor System	375,000	0	0	0	0	0	0	0	0	0	375,000
Computer Aided Dispatch (CAD) System Replacement	250,000	0	0	0	0	0	0	0	0	0	250,000
Courtroom Trial Presentation Technology	0	100,000	0	0	85,000	85,000	0	0	0	0	270,000
Customer Relationship Management System	500,000	0	0	0	0	0	0	0	0	250,000	750,000
Database Infrastructure	30,000	40,000	40,000	40,000	40,000	40,000	0	80,000	80,000	80,000	470,000
Document Imaging	110,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	200,000
Electronic Citations Implementation	420,000	0	0	0	0	0	0	0	0	0	420,000
Electronic Government/Web Page	50,000	0	150,000	50,000	50,000	50,000	130,000	175,000	50,000	50,000	755,000
Enterprise Camera System	165,000	0	0	0	0	0	0	0	0	0	165,000
Enterprise Collaboration	40,000	40,000	40,000	40,000	20,000	20,000	40,000	40,000	40,000	40,000	360,000
Enterprise Data Storage Infrastructure	200,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	175,000	250,000	1,325,000
Enterprise Maintenance Mgmt System	40,000	40,000	40,000	40,000	40,000	20,000	40,000	40,000	40,000	40,000	380,000
Enterprise Resource Planning System	0	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	360,000
Enterprise Service Catalog	0	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	360,000
FOIA System Replacement	70,000	50,000	20,000	0	0	0	0	0	0	0	140,000
GIS Development	100,000	50,000	200,000	50,000	150,000	40,000	100,000	50,000	115,000	50,000	905,000
HIPAA & Related Health Information Technologies	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
Information Technology Equipment Replacement	530,000	405,000	460,000	460,000	450,000	450,000	470,000	500,000	500,000	600,000	4,825,000
Information Technology Lump Sum Funding	0	3,130,000	3,265,000	3,687,000	3,000,000	3,130,000	3,200,000	3,400,000	3,400,000	3,400,000	29,612,000
Library Public Access Computers and Print Mgmt System	0	0	85,000	0	0	0	0	0	0	0	85,000
Network Security	180,000	0	0	0	0	0	0	0	200,000	200,000	580,000
Network Server Infrastructure	100,000	0	0	0	0	0	0	0	0	400,000	500,000
Office of Voter Registrations and Elections Equipment Replacement	100,000	0	0	0	0	0	0	0	0	0	100,000
Personal Property Tax System	0	0	0	0	60,000	280,000	0	0	0	0	340,000
Phone, Web, Portable Device Payment Portals	200,000	0	0	0	0	160,000	0	0	0	0	360,000
Radio System Upgrade	1,565,000	1,200,000	0	0	0	0	0	0	0	0	2,765,000
Real Estate Account Receivable System	0	0	0	0	0	0	800,000	0	0	0	800,000
Real Estate Assessment System (CAMA)	15,000	850,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	985,000
Recreation Database System	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	100,000
Remote Access	90,000	65,000	125,000	0	0	0	0	0	200,000	200,000	680,000
Upgrade Work Station Operating Systems	300,000	0	0	0	0	0	0	0	0	400,000	700,000
Voice Over Internet Protocol (VoIP)	100,000	0	0	0	0	0	0	0	0	0	100,000
IT Plan Total	6,347,000	6,365,500	4,841,000	4,789,000	4,323,000	4,709,500	5,221,000	4,733,000	5,155,500	6,322,000	52,806,500
Other Regional Contributions											
Northern Virginia Community College (NVCC)	361,617	406,000	410,000	414,000	418,000	422,000	427,000	431,000	435,000	439,000	4,163,617
Northern Virginia Regional Park Authority (NVRPA)	416,091	461,000	465,000	470,000	475,000	479,000	484,000	489,000	494,000	499,000	4,732,091
Other Regional Contributions Total	777,708	867,000	875,000	884,000	893,000	901,000	911,000	920,000	929,000	938,000	8,895,708
Reservation of Bond Capacity/Cash Capital for City/School Facilities											
CIP Contingency Funding (City)	0	525,668	438,397	4,832,948	1,271,250	1,456,875	3,391,242	948,375	0	0	12,864,755
CIP Contingency Funding (Schools)	0	1,013,689	3,030,603	4,734,897	1,703,357	2,555,037	751,488	3,754,277	0	0	17,543,348
CIP Contingency Funding (Undesignated)	0	362,813	60,000	732,155	626,934	1,840,118	1,557,270	3,249,262	8,003,512	8,000,000	24,432,064
Planning / Feasibility Studies - Combined City & Schools	0	250,000	250,000	100,000	100,000	100,000	250,000	250,000	250,000	250,000	1,800,000
Witter/Wheeler Campus (includes ACPs Transportation Facility)	0	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	6,000,000
Reservation of Bond Capacity/Cash Capital for City/School Facilities Total	0	2,152,170	4,779,000	11,400,000	4,701,541	6,952,030	6,950,000	9,201,914	8,253,512	8,250,000	62,640,167
Transportation											
Fixed Transportation Equipment	150,000	150,000	150,000	150,000	175,000	175,000	150,000	565,000	565,000	600,000	2,830,000
Bridge Repairs	600,000	200,000	600,000	200,000	1,600,000	1,200,000	1,300,000	2,200,000	2,400,000	2,400,000	12,700,000
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Complete Streets	630,000	630,000	630,000	630,000	630,000	830,000	480,000	630,000	830,000	830,000	6,750,000
DASH Bus Fleet Replacements	567,006	675,000	675,000	700,000	0	0	0	0	0	0	2,617,006
DASH Hybrid Bus and Trolley Powertrain Replacement	379,000	350,000	400,000	500,000	550,000	450,000	450,000	450,000	450,000	450,000	4,429,000
Shared-Use Paths	300,000	0	300,000	0	300,000	0	300,000	0	0	0	1,200,000
Sidewalk Capital Maintenance	600,000	600,000	300,000	600,000	300,000	600,000	300,000	600,000	327,000	600,000	4,827,000
Transportation Total	3,326,006	2,705,000	3,155,000	2,880,000	3,655,000	3,355,000	3,080,000	4,545,000	4,672,000	4,980,000	36,353,006
Cash Capital Total	40,031,577	38,299,000	39,333,000	40,395,000	41,486,000	42,606,000	43,756,000	44,937,000	46,150,000	47,396,000	424,389,577
CMAQ/RSTP											
Transportation											
Capital Bikeshare	402,196	350,000	400,000	250,000	250,000	0	0	0	0	0	1,652,196
Citywide Parking - Parking Technologies	203,079	629,736	450,000	250,000	0	0	0	0	0	0	1,532,815
DASH Electronic Fare Payment	450,000	750,000	0	0	0	0	0	0	0	0	1,200,000
DASH Technologies	0	0	0	600,000	255,745	0	0	0	0	0	855,745
Mt. Vernon Avenue North Complete Streets	520,000	0	0	0	0	0	0	0	0	0	520,000
Transit Access & Amenities	203,125	823,123	500,000	400,000	0	0	0	0	0	0	1,926,248
Transitway Enhancements	500,000	454,491	0	0	0	0	0	0	0	0	954,491

Note: Projects with \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2020 - FY 2029
Transportation Master Plan Update	0	500,000	0	0	0	0	0	0	0	0	500,000
Transportation Total	2,278,400	3,507,350	1,350,000	1,500,000	505,745	0	0	0	0	0	9,141,495
CMAQ/RSTP Total	2,278,400	3,507,350	1,350,000	1,500,000	505,745	0	0	0	0	0	9,141,495

Note: Projects with \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2020 - FY 2029
Comcast Revenues											
IT Plan											
Connectivity Initiatives	552,000	579,000	608,000	639,000	670,000	704,000	740,000	780,000	780,000	780,000	6,832,000
Enterprise Data Storage Infrastructure	0	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,800,000
LAN/WAN Infrastructure	748,000	821,000	0	0	0	0	0	0	0	0	1,569,000
Network Security	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Network Server Infrastructure	300,000	0	0	0	0	0	0	0	0	0	300,000
IT Plan Total	1,700,000	1,700,000	908,000	939,000	970,000	1,004,000	1,040,000	1,080,000	1,080,000	1,080,000	11,501,000
Comcast Revenues Total	1,700,000	1,700,000	908,000	939,000	970,000	1,004,000	1,040,000	1,080,000	1,080,000	1,080,000	11,501,000
Developer Contribution											
Community Development											
Public Art Acquisition	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	800,000
Community Development Total	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	800,000
Recreation & Parks											
Braddock Area Plan Park	965,213	0	0	0	0	0	0	0	0	0	965,213
Recreation & Parks Total	965,213	0	0	0	0	0	0	0	0	0	965,213
Transportation											
Seminary Road at Beauregard Street Ellipse	0	3,500,000	16,200,000	16,700,000	0	0	0	0	0	0	36,400,000
Transportation Total	0	3,500,000	16,200,000	16,700,000	0	0	0	0	0	0	36,400,000
Developer Contribution Total	1,045,213	3,580,000	16,280,000	16,780,000	80,000	80,000	80,000	80,000	80,000	80,000	38,165,213
GO Bond Interest Earnings											
Transportation											
DASH Bus Fleet Replacements	200,000	0	0	0	0	0	0	0	0	0	200,000
WMATA Capital Contributions	50,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,300,000
Transportation Total	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
GO Bond Interest Earnings Total	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
GO Bonds											
Community Development											
Fire Department Vehicles & Apparatus	1,997,000	612,000	3,020,000	1,868,000	500,000	2,268,000	530,000	2,103,000	3,789,000	3,351,000	20,038,000
Waterfront Small Area Plan Implementation (w/ Construction Funding)	0	50,140,000	0	0	0	0	0	0	0	0	50,140,000
Community Development Total	1,997,000	50,752,000	3,020,000	1,868,000	500,000	2,268,000	530,000	2,103,000	3,789,000	3,351,000	70,178,000
Recreation & Parks											
Athletic Field Improvements (incl. Synthetic Turf)	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	0	1,800,000	0	0	0	9,300,000
Citywide Parks Improvements Plan	0	400,000	0	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,200,000
Old Town Pool Renovations	0	0	0	0	4,000,000	0	0	0	0	0	4,000,000
Open Space Acquisition and Develop.	0	500,000	500,000	500,000	900,000	500,000	1,075,000	1,500,000	380,445	300,000	6,155,445
Pavement in Parks	200,000	200,000	200,000	200,000	200,000	200,000	200,000	225,000	225,000	225,000	2,075,000
Restroom Renovations	0	0	0	0	0	0	0	400,000	400,000	400,000	1,200,000
Recreation & Parks Total	1,700,000	2,600,000	2,200,000	2,600,000	7,000,000	1,100,000	3,475,000	2,525,000	1,405,445	1,325,000	25,930,445
Public Buildings											
City Hall Renovation and HVAC Replacement	250,000	2,425,000	500,000	26,850,000	750,000	0	0	0	0	0	30,775,000
City Historic Facilities CFMP	250,000	250,000	0	0	0	0	0	0	0	0	500,000
Courthouse CFMP	900,000	900,000	900,000	0	0	0	0	0	0	0	2,700,000
Energy Management Program	400,000	400,000	300,000	400,000	500,000	400,000	300,000	300,000	300,000	300,000	3,600,000
Fire & Rescue CFMP	255,629	525,000	0	0	0	0	500,000	0	0	0	1,280,629
Fire Station 205 (Cameron Street)	0	0	3,150,000	7,875,000	0	0	0	0	0	0	11,025,000
Fire Station 207 (Duke Street)	0	0	0	0	0	2,000,000	10,957,000	0	0	0	12,957,000
Fleet Building CFMP	0	0	4,515,300	0	0	0	0	0	0	0	4,515,300
Health Department CFMP	0	1,750,000	795,500	0	0	0	0	0	0	0	2,545,500
Market Square Plaza and Garage Structural Repairs	0	1,910,000	3,000,000	0	0	0	0	0	0	0	4,910,000
New Burn Building	0	0	0	1,600,000	0	0	0	0	0	0	1,600,000
Office of the Sheriff CFMP	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
Roof Replacement Program	0	410,000	0	0	0	1,000,000	0	500,000	244,500	250,000	2,404,500
Public Buildings Total	3,555,629	8,570,000	13,160,800	36,725,000	1,250,000	3,400,000	11,757,000	800,000	544,500	550,000	80,312,929
ACPS											
ACPS Capital Program	25,101,891	113,225,090	66,637,467	53,358,865	22,335,776	18,929,138	6,633,198	26,653,743	5,566,793	42,476,952	380,918,913
ACPS Total	25,101,891	113,225,090	66,637,467	53,358,865	22,335,776	18,929,138	6,633,198	26,653,743	5,566,793	42,476,952	380,918,913
Reservation of Bond Capacity/Cash Capital for City/School Facilities											
City & School Land Acquisition and DCHS Colocation Investment	0	0	10,000,000	0	0	0	5,000,000	5,000,000	0	0	20,000,000
Witter/Wheeler Campus (includes ACPS Transportation Facility)	0	0	5,710,000	2,940,000	5,212,500	5,212,500	5,212,500	5,212,500	0	0	29,500,000
Reservation of Bond Capacity/Cash Capital for City/School Facilities Total	0	0	15,710,000	2,940,000	5,212,500	5,212,500	10,212,500	10,212,500	0	0	49,500,000
Transportation											
Fixed Transportation Equipment	700,000	700,000	700,000	2,200,000	700,000	700,000	750,000	335,000	335,000	300,000	7,420,000
Bridge Repairs	400,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,300,000
Complete Streets	500,000	500,000	200,000	200,000	200,000	0	200,000	200,000	0	0	2,000,000
Street Reconstruction & Resurfacing of Major Roads	4,205,985	4,867,949	4,000,000	2,800,000	2,475,000	2,475,000	1,800,000	2,800,000	2,500,000	2,500,000	30,423,934
WMATA Capital Contributions	9,286,089	14,000,000	14,000,000	13,500,000	13,750,000	14,050,000	14,550,000	14,950,000	15,350,000	15,850,000	139,286,089
Transportation Total	15,092,074	20,167,949	19,000,000	18,800,000	17,225,000	17,325,000	17,400,000	18,385,000	18,285,000	18,750,000	180,430,023
GO Bonds Total	47,446,594	195,315,039	119,728,267	116,291,865	53,523,276	48,234,638	50,007,698	60,679,243	29,590,738	66,452,952	787,270,310
GO Bonds (Sanitary)											
Sanitary Sewers											
AlexRenew Wastewater Treatment Plant Capacity	0	0	0	0	0	10,850,000	12,250,000	13,250,000	0	0	36,350,000
Citywide Sewershed Infiltration & Inflow	0	0	0	2,000,000	0	0	0	0	0	0	2,000,000
Sanitary Sewers Total	0	0	0	2,000,000	0	10,850,000	12,250,000	13,250,000	0	0	38,350,000
GO Bonds (Sanitary) Total	0	0	0	2,000,000	0	10,850,000	12,250,000	13,250,000	0	0	38,350,000

Note: Projects with \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2020 - FY 2029
GO Bonds (Stormwater)											
Stormwater Management											
MS4-TMDL Compliance Water Quality Imprv.	1,155,000	2,900,000	2,750,000	2,750,000	4,250,000	4,190,000	4,190,000	8,250,000	4,250,000	2,250,000	36,935,000
Storm Sewer System Spot Improvements	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Strawberry Run Stream Restoration	550,000	0	0	0	0	0	0	0	0	0	550,000
Stream & Channel Maintenance	287,993	350,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	2,437,993
Taylor Run Stream Restoration	1,695,000	0	0	0	0	0	0	0	0	0	1,695,000
Stormwater Management Total	3,987,993	3,550,000	3,275,000	3,275,000	4,775,000	4,715,000	4,715,000	8,775,000	4,775,000	2,775,000	44,617,993
GO Bonds (Stormwater) Total	3,987,993	3,550,000	3,275,000	3,275,000	4,775,000	4,715,000	4,715,000	8,775,000	4,775,000	2,775,000	44,617,993
Meals Tax Dedication for Affordable Housing											
Community Development											
Affordable Housing Funding	4,846,200	4,872,000	4,945,000	5,019,000	5,094,000	5,170,000	5,248,000	5,327,000	5,407,000	5,488,000	51,416,200
Community Development Total	4,846,200	4,872,000	4,945,000	5,019,000	5,094,000	5,170,000	5,248,000	5,327,000	5,407,000	5,488,000	51,416,200
Meals Tax Dedication for Affordable Housing Total	4,846,200	4,872,000	4,945,000	5,019,000	5,094,000	5,170,000	5,248,000	5,327,000	5,407,000	5,488,000	51,416,200
NVTA 30% Funds											
Transportation											
DASH Bus Fleet Replacements	2,154,000	2,125,000	2,700,000	1,400,000	2,100,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	17,479,000
DASH Hybrid Bus and Trolley Powertrain Replacement	521,000	0	0	0	0	0	0	0	0	0	521,000
WMATA Capital Contributions	363,911										363,911
Transportation Total	3,038,911	2,125,000	2,700,000	1,400,000	2,100,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	18,363,911
NVTA 30% Funds Total	3,038,911	2,125,000	2,700,000	1,400,000	2,100,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	18,363,911
NVTA 70% Funds											
Transportation											
DASH Facility and Fleet Expansion	0	11,933,161	0	0	0	0	0	0	0	0	11,933,161
Transit Corridor "B" - Duke Street	12,000,000	0	0	0	0	0	0	0	0	0	12,000,000
Transit Corridor "C" - West End Transitway	0	2,200,000	0	0	0	0	0	0	0	0	2,200,000
Transit Signal Priority	1,195,491	0	0	0	0	0	0	0	0	0	1,195,491
Transportation Total	13,195,491	14,133,161	0	0	0	0	0	0	0	0	27,328,652
NVTA 70% Funds Total	13,195,491	14,133,161	0	27,328,652							
Pension Admin. Fees											
IT Plan											
Employee Pension Administration System	50,000	0	0	0	175,000	25,000	0	0	0	0	250,000
IT Plan Total	50,000	0	0	0	175,000	25,000	0	0	0	0	250,000
Pension Admin. Fees Total	50,000	0	0	0	175,000	25,000	0	0	0	0	250,000
Private Capital Contributions											
Recreation & Parks											
Community Matching Fund	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Old Town Pool Renovations	0	0	0	0	1,000,000	0	0	0	0	0	1,000,000
Recreation & Parks Total	100,000	100,000	100,000	100,000	1,100,000	100,000	100,000	100,000	100,000	100,000	2,000,000
Private Capital Contributions Total	100,000	100,000	100,000	100,000	1,100,000	100,000	100,000	100,000	100,000	100,000	2,000,000
PY Special Tax District Revenue											
CIP Development & Implementation Staff											
Capital Project Implementation Non-Personnel Expenditures	17,411	17,900	18,400	19,000	19,600	20,200	20,800	21,400	22,000	22,700	199,411
Capital Project Implementation Personnel (24.00 FTE)	208,815	219,300	230,200	241,700	253,800	266,500	279,800	293,800	308,500	323,900	2,626,315
CIP Development & Implementation Staff Total	226,226	237,200	248,600	260,700	273,400	286,700	300,600	315,200	330,500	346,600	2,825,726
PY Special Tax District Revenue Total	226,226	237,200	248,600	260,700	273,400	286,700	300,600	315,200	330,500	346,600	2,825,726
Reprogrammed Prior Year Balances											
ACPS											
ACPS Capital Program	525,000	0	0	0	0	0	0	0	0	0	525,000
ACPS Total	525,000	0	0	0	0	0	0	0	0	0	525,000
Reprogrammed Prior Year Balances Total	525,000	0	0	0	0	0	0	0	0	0	525,000
Sanitary Sewer Fund											
Community Development											
Environmental Restoration	51,324	54,700	56,300	58,000	59,700	61,500	63,400	65,300	67,200	69,200	606,624
Community Development Total	51,324	54,700	56,300	58,000	59,700	61,500	63,400	65,300	67,200	69,200	606,624
Sanitary Sewers											
AlexRenew Wastewater Treatment Plant Capacity	0	0	0	0	0	2,000,000	1,000,000	500,000	0	0	3,500,000
Capital Support of CSO Mitigation Projects	1,355,990	0	0	0	0	0	0	0	0	0	1,355,990
Citywide Sewershed Infiltration & Inflow	0	3,075,000	2,850,000	2,000,000	0	0	0	0	0	0	7,925,000
Combined Sewer Assessment & Rehabilitation	0	2,550,000	2,550,000	0	0	0	0	0	0	0	5,100,000
Reconstructions & Extensions of Sanitary Sewers	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	9,000,000
Sanitary Sewers Total	2,255,990	6,525,000	6,300,000	2,900,000	900,000	2,900,000	1,900,000	1,400,000	900,000	900,000	26,880,990
Stormwater Management											
Green Infrastructure	350,000	175,000	175,000	175,000	175,000	175,000	175,000	175,000	175,000	175,000	1,925,000
Stormwater Management Total	350,000	175,000	175,000	175,000	175,000	175,000	175,000	175,000	175,000	175,000	1,925,000
CIP Development & Implementation Staff											
Capital Project Implementation Personnel (24.00 FTE)	795,879	835,700	877,500	921,400	967,500	1,015,900	1,066,700	1,120,000	1,176,000	1,234,800	10,011,379
CIP Development & Implementation Staff Total	795,879	835,700	877,500	921,400	967,500	1,015,900	1,066,700	1,120,000	1,176,000	1,234,800	10,011,379
Sanitary Sewer Fund Total	3,453,193	7,590,400	7,408,800	4,054,400	2,102,200	4,152,400	3,205,100	2,760,300	2,318,200	2,379,000	39,423,993

Note: Projects with \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2020 - FY 2029
State/Federal Grants											
Transportation											
Backlick Run Multi-Use Paths	0	0	2,210,003	2,100,648	300,000	0	0	0	0	0	4,610,651
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	203,079	223,123	1,000,000	400,000	600,000	0	0	0	0	0	2,426,202
DASH Facility and Fleet Expansion	0	3,706,000	5,332,000	2,096,000	0	0	0	0	0	0	11,134,000
Farrington Connector	0	0	0	0	500,000	0	0	0	0	0	500,000
Old Cameron Run Trail	1,409,000	1,360,000	0	0	0	0	0	0	0	0	2,769,000
Traffic Adaptive Signal Control	0	0	5,266,000	2,410,000	0	0	0	0	0	0	7,676,000
Transit Corridor "A" - Route 1	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000
Transit Corridor "C" - West End Transitway	0	967,000	3,055,000	5,979,000	0	0	0	0	0	0	10,001,000
Van Dorn/Beauregard Bicycle Facilities	1,208,869	0	0	0	0	0	0	0	0	0	1,208,869
Transportation Total	7,820,948	6,256,123	16,863,003	12,985,648	1,400,000	0	0	0	0	0	45,325,722
State/Federal Grants Total	7,820,948	6,256,123	16,863,003	12,985,648	1,400,000	0	0	0	0	0	45,325,722
Stormwater Utility											
Community Development											
Environmental Restoration	51,324	54,700	56,300	58,000	59,700	61,500	63,400	65,300	67,200	69,200	606,624
Community Development Total	51,324	54,700	56,300	58,000	59,700	61,500	63,400	65,300	67,200	69,200	606,624
Stormwater Management											
Four Mile Run Channel Maintenance	600,000	0	0	600,000	0	0	0	0	600,000	0	1,800,000
Green Infrastructure	0	175,000	175,000	175,000	175,000	175,000	175,000	175,000	175,000	175,000	1,575,000
MS4-TMDL Compliance Water Quality Imprv.	100,000	100,000	750,000	750,000	2,750,000	2,810,000	2,810,000	750,000	750,000	750,000	12,320,000
NPDES / MS4 Permit	160,000	165,000	170,000	175,000	180,000	185,000	190,000	195,000	195,000	195,000	1,810,000
Storm Sewer Capacity Assessment	475,000	475,000	0	0	0	0	0	500,000	0	0	1,450,000
Stormwater BMP Maintenance CFMP	135,000	140,000	150,000	155,000	1,110,000	1,105,000	160,000	170,000	175,000	176,000	3,476,000
Stream & Channel Maintenance	162,007	100,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	225,000	2,062,007
Stormwater Management Total	1,632,007	1,155,000	1,470,000	2,080,000	4,440,000	4,500,000	3,560,000	2,015,000	2,120,000	1,521,000	24,493,007
CIP Development & Implementation Staff											
Capital Project Implementation Personnel (24.00 FTE)	609,373	639,800	671,800	705,400	740,700	777,700	816,600	857,400	900,300	945,300	7,664,373
CIP Development & Implementation Staff Total	609,373	639,800	671,800	705,400	740,700	777,700	816,600	857,400	900,300	945,300	7,664,373
Stormwater Utility Total	2,292,704	1,849,500	2,198,100	2,843,400	5,240,400	5,339,200	4,440,000	2,937,700	3,087,500	2,535,500	32,764,004
TIP											
Community Development											
Environmental Restoration	51,324	54,700	56,300	58,000	59,700	61,500	63,400	65,300	67,200	69,200	606,624
Community Development Total	51,324	54,700	56,300	58,000	59,700	61,500	63,400	65,300	67,200	69,200	606,624
CIP Development & Implementation Staff											
Capital Project Implementation Personnel (24.00 FTE)	371,248	382,400	393,900	405,700	417,900	430,400	443,300	456,600	470,300	484,400	4,256,148
CIP Development & Implementation Staff Total	371,248	382,400	393,900	405,700	417,900	430,400	443,300	456,600	470,300	484,400	4,256,148
Transportation											
Citywide Trans. Mgmt. Tech. - Transportation Technologies	0	250,000	0	250,000	0	250,000	0	250,000	250,000	250,000	1,500,000
DASH Bus Fleet Replacements	607,994	0	0	0	0	0	0	0	0	0	607,994
EW & LVD Implementation - High Street Design/Engineering	0	0	0	500,000	0	0	0	0	0	0	500,000
Street Reconstruction & Resurfacing of Major Roads	0	0	0	700,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,700,000
WMATA Capital Contributions	0	1,100,000	250,000	0	0	0	0	0	0	0	1,350,000
Transportation Total	607,994	1,350,000	250,000	1,450,000	1,000,000	1,250,000	1,000,000	1,250,000	1,250,000	1,250,000	10,657,994
TIP Total	1,030,566	1,787,100	700,200	1,913,700	1,477,600	1,741,900	1,506,700	1,771,900	1,787,500	1,803,600	15,520,766
Use of CIP Designated Fund Balance											
ACPS											
ACPS Capital Program	1,050,000	0	0	0	0	0	0	0	0	0	1,050,000
ACPS Total	1,050,000	0	0	0	1,050,000						
Reservation of Bond Capacity/Cash Capital for City/School Facilities											
CIP Contingency Funding (Schools)	0	4,200,000	2,731,000	0	0	0	0	0	0	0	6,931,000
Reservation of Bond Capacity/Cash Capital for City/School Facilities Total	0	4,200,000	2,731,000	0	0	0	0	0	0	0	6,931,000
Use of CIP Designated Fund Balance Total	1,050,000	4,200,000	2,731,000	0	0	0	0	0	0	0	7,981,000
Use of Equipment Replacement Fund Balance											
Public Buildings											
Energy Management Program	100,000	0	0	0	0	0	0	0	0	0	100,000
Public Buildings Total	100,000	0	0	0	100,000						
Use of Equipment Replacement Fund Balance Total	100,000	0	0	0	100,000						
VDOT State Revenue Sharing											
Transportation											
Street Reconstruction & Resurfacing of Major Roads	1,294,015	632,051	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	13,926,066
Transportation Total	1,294,015	632,051	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	13,926,066
VDOT State Revenue Sharing Total	1,294,015	632,051	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	13,926,066
Grand Total	139,963,490	289,983,924	220,518,970	211,507,713	122,052,621	127,454,838	129,799,098	145,163,343	97,856,438	133,586,652	1,617,887,087

Table 4
Approved FY 2020 – FY 2029 Capital Improvement Program
Debt Service Indicators

Table 4				
Debt Service Indicators				
			General Government Expenditures	Assessed Value of Real Property (Thousands of Dollars) (1)
	Total Debt Service	Outstanding Debt		
FY 2003	\$17,739,094	\$143,615,000	\$488,044,085	\$19,225,926
FY 2004	\$18,938,838	\$197,520,000	\$516,275,303	\$22,757,185
FY 2005	\$22,938,317	\$241,890,000	\$545,688,442	\$27,359,650
FY 2006	\$27,101,086	\$296,540,000	\$623,774,871	\$32,906,719
FY 2007	\$31,232,166	\$278,525,000	\$689,280,260	\$35,554,958
FY 2008	\$30,775,390	\$260,350,000	\$688,844,141	\$35,102,817
FY 2009	\$32,412,775	\$383,950,000	\$720,924,777	\$33,964,198
FY 2010	\$34,844,533	\$364,485,000	\$705,338,251	\$31,649,490
FY 2011	\$38,735,420	\$415,720,000	\$722,966,982	\$32,631,952
FY 2012	\$43,438,079	\$459,060,000	\$735,769,542	\$33,782,698
FY 2013	\$48,571,714	\$508,700,000	\$763,516,075	\$34,725,071
FY 2014	\$57,029,259	\$539,780,000	\$820,080,010	\$35,895,604
FY 2015	\$61,515,268	\$540,495,000	\$817,311,890	\$37,146,860
FY 2016	\$63,548,772	\$500,826,453	\$808,809,675	\$38,195,319
FY 2017	\$65,046,321	\$557,233,000	\$860,542,894	\$38,987,294
FY 2018	\$66,457,089	\$680,021,000	\$919,273,102	\$39,897,987
FY 2019	\$70,500,549	\$675,283,620	\$1,063,437,379	\$40,977,242
FY 2020	\$69,398,019	\$702,569,622	\$1,022,652,627	\$42,206,559
FY 2021	\$87,808,361	\$835,400,764	\$1,206,189,742	\$43,472,756
FY 2022	\$99,979,352	\$980,190,901	\$1,164,408,659	\$44,776,939
FY 2023	\$112,185,347	\$1,051,186,120	\$1,183,509,650	\$46,120,247
FY 2024	\$114,543,012	\$1,047,484,588	\$1,114,365,000	\$47,503,854
FY 2025	\$118,432,302	\$1,045,602,012	\$1,136,961,117	\$48,928,970
FY 2026	\$120,549,583	\$1,051,846,754	\$1,170,788,763	\$50,396,839
FY 2027	\$124,152,946	\$1,065,311,837	\$1,215,008,101	\$51,908,744
FY 2028	\$125,854,336	\$1,027,428,370	\$1,218,170,529	\$53,466,007
FY 2029	\$129,937,056	\$1,020,354,429	\$1,290,306,786	\$55,069,987

(1) Presented on a calendar year basis. Future growth assumes a 3.0% increase annually.

Table 4 (Continued)
 Approved FY 2020 – FY 2029 Capital Improvement Program
 Debt Service Indicators

Table 4		
Debt Service Indicators		
Indicators Exclude Exempt Sanitary Sewer Debt & Stormwater Management Debt (1)		
Fiscal Year	Ratio of Debt Service to General Government Expenditures (2)	Outstanding Debt as a Percentage of Assessed Value of Real Property (3)
Ceiling	12.00%	2.50%
FY 2003	3.6%	0.8%
FY 2004	3.7%	0.9%
FY 2005	4.2%	0.9%
FY 2006	4.3%	0.9%
FY 2007	4.5%	0.8%
FY 2008	4.5%	0.7%
FY 2009	4.5%	1.1%
FY 2010	4.9%	1.2%
FY 2011	5.3%	1.3%
FY 2012	5.7%	1.4%
FY 2013	5.8%	1.5%
FY 2014	7.6%	1.5%
FY 2015	7.7%	1.4%
FY 2016	7.3%	1.3%
FY 2017	5.4%	1.4%
FY 2018	7.5%	1.5%
FY 2019	6.5%	1.6%
FY 2020	6.5%	1.6%
FY 2021	7.0%	1.9%
FY 2022	8.2%	2.1%
FY 2023	9.2%	2.2%
FY 2024	9.9%	2.1%
FY 2025	9.9%	2.0%
FY 2026	9.7%	2.0%
FY 2027	9.5%	1.9%
FY 2028	9.6%	1.8%
FY 2029	9.3%	1.7%

(1) Debt Service Indicators exempt Sanitary Sewer and Stormwater enterprise fund debt for FY 2018 and beyond. Prior to FY 2018, only Sanitary Sewer debt was exempt, but now Storm Sewers will be funded by an enterprise fund fee-based system.

(2) General Government expenditures beyond for FY 2020 and beyond are based budgeted long range forecast.

Table 5: General Obligation Bond Repayment Schedules

Table 5, below, summarizes the annual debt service for all currently outstanding general obligation bond issues of the City of Alexandria. Tables 6 through 29, on the following pages, show the date of issue, the years remaining on the payment schedule, and the amount of principal and interest due each year for the individual bond issues. (Debt service does not include \$256,070 for Commonwealth Transportation Board in the operating budget.) The debt service on these tables includes all general obligation bonded debt including that financed by sanitary sewer fees, open space dedicated real estate tax revenues, and affordable housing dedicated real estate tax revenues.

Table 5. City of Alexandria, VA			
Summary of Total General Obligation Debt Service			
Debt Outstanding at June 30, 2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$46,126,000	\$23,015,949	\$69,141,949
FY 2021	\$47,529,000	\$20,693,079	\$68,222,079
FY 2022	\$45,046,000	\$18,523,162	\$63,569,162
FY 2023	\$45,209,000	\$16,453,643	\$61,662,643
FY 2024	\$42,122,000	\$14,428,020	\$56,550,020
FY 2025	\$42,049,000	\$12,646,835	\$54,695,835
FY 2026	\$40,036,000	\$10,927,762	\$50,963,762
FY 2027	\$36,937,000	\$9,324,655	\$46,261,655
FY 2028	\$36,934,000	\$7,720,843	\$44,654,843
FY 2029	\$36,829,000	\$6,225,425	\$43,054,425
FY 2030	\$33,782,000	\$4,961,983	\$38,743,983
FY 2031	\$29,174,000	\$3,936,855	\$33,110,855
FY 2032	\$25,019,000	\$3,068,912	\$28,087,912
FY 2033	\$21,325,000	\$2,368,374	\$23,693,374
FY 2034	\$14,310,000	\$1,751,711	\$16,061,711
FY 2035	\$14,295,000	\$1,316,214	\$15,611,214
FY 2036	\$12,415,000	\$870,493	\$13,285,493
FY 2037	\$11,335,000	\$493,791	\$11,828,791
FY 2038	\$7,340,000	\$193,439	\$7,533,439
FY 2039	\$2,145,000	\$36,465	\$2,181,465
TOTAL	\$589,957,000	\$158,957,611	\$748,914,611

* Does not include NVTB Debt Service of \$256,070 annually through FY 2021.

** Of the FY 2020 debt service, \$28.1 million is debt service for Alexandria City Public Schools related general obligation bonds issued by the City.

Table 6. City of Alexandria, VA			
General Obligation Refunding Bonds of \$40.925 million (July 2018)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$750,000	\$1,676,400	\$2,426,400
FY 2021	\$1,500,000	\$1,620,150	\$3,120,150
FY 2022	\$2,150,000	\$1,528,900	\$3,678,900
FY 2023	\$2,150,000	\$1,421,400	\$3,571,400
FY 2024	\$2,150,000	\$1,313,900	\$3,463,900
FY 2025	\$2,150,000	\$1,206,400	\$3,356,400
FY 2026	\$2,150,000	\$1,098,900	\$3,248,900
FY 2027	\$2,150,000	\$991,400	\$3,141,400
FY 2028	\$2,150,000	\$883,900	\$3,033,900
FY 2029	\$2,150,000	\$776,400	\$2,926,400
FY 2030	\$2,150,000	\$668,900	\$2,818,900
FY 2031	\$2,150,000	\$583,975	\$2,733,975
FY 2032	\$2,150,000	\$520,550	\$2,670,550
FY 2033	\$2,150,000	\$454,975	\$2,604,975
FY 2034	\$2,150,000	\$387,788	\$2,537,788
FY 2035	\$2,145,000	\$319,605	\$2,464,605
FY 2036	\$2,145,000	\$250,429	\$2,395,429
FY 2037	\$2,145,000	\$180,180	\$2,325,180
FY 2038	\$2,145,000	\$108,859	\$2,253,859
FY 2039	\$2,145,000	\$36,465	\$2,181,465
TOTAL	\$40,925,000	\$16,029,475	\$56,954,475

Table 7. City of Alexandria, VA			
General Obligation Refunding Bonds of \$34.905 million (December 2017)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$0	\$0	\$0
FY 2021	\$0	\$872,625	\$872,625
FY 2022	\$2,950,000	\$1,671,500	\$4,621,500
FY 2023	\$2,995,000	\$1,522,875	\$4,517,875
FY 2024	\$3,035,000	\$1,372,125	\$4,407,125
FY 2025	\$3,075,000	\$1,219,375	\$4,294,375
FY 2026	\$3,110,000	\$1,064,750	\$4,174,750
FY 2027	\$3,850,000	\$890,750	\$4,740,750
FY 2028	\$3,900,000	\$697,000	\$4,597,000
FY 2029	\$3,945,000	\$500,875	\$4,445,875
FY 2030	\$3,995,000	\$302,375	\$4,297,375
FY 2031	\$4,050,000	\$101,250	\$4,151,250
TOTAL	\$34,905,000	\$10,215,500	\$45,120,500

Table 8. City of Alexandria, VA			
General Obligation Refunding Bonds of \$39.090 million (September 2017)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$0	\$931,800	\$931,800
FY 2021	\$3,585,000	\$1,773,975	\$5,358,975
FY 2022	\$2,130,000	\$1,631,100	\$3,761,100
FY 2023	\$3,595,000	\$1,487,975	\$5,082,975
FY 2024	\$3,635,000	\$1,307,225	\$4,942,225
FY 2025	\$3,670,000	\$1,124,600	\$4,794,600
FY 2026	\$4,415,000	\$922,475	\$5,337,475
FY 2027	\$4,460,000	\$700,600	\$5,160,600
FY 2028	\$4,505,000	\$476,475	\$4,981,475
FY 2029	\$4,550,000	\$250,100	\$4,800,100
FY 2030	\$4,545,000	\$68,175	\$4,613,175
TOTAL	\$39,090,000	\$10,674,500	\$49,764,500

Table 9. City of Alexandria, VA			
General Obligation Refunding Bonds of \$63.060 million (September 2017)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$1,365,000	\$2,897,075	\$4,262,075
FY 2021	\$2,630,000	\$2,802,200	\$5,432,200
FY 2022	\$1,000,000	\$2,725,200	\$3,725,200
FY 2023	\$7,390,000	\$2,544,200	\$9,934,200
FY 2024	\$6,960,000	\$2,205,450	\$9,165,450
FY 2025	\$6,975,000	\$1,857,075	\$8,832,075
FY 2026	\$7,035,000	\$1,506,825	\$8,541,825
FY 2027	\$7,095,000	\$1,153,575	\$8,248,575
FY 2028	\$7,160,000	\$797,200	\$7,957,200
FY 2029	\$3,145,000	\$539,575	\$3,684,575
FY 2030	\$3,125,000	\$414,075	\$3,539,075
FY 2031	\$3,085,000	\$305,500	\$3,390,500
FY 2032	\$3,060,000	\$182,600	\$3,242,600
FY 2033	\$3,035,000	\$60,700	\$3,095,700
TOTAL	\$63,060,000	\$19,991,250	\$83,051,250

Table 10. City of Alexandria, VA			
General Obligation Bond Issue of \$4.380 million (August 2017)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$220,000	\$123,740	\$343,740
FY 2021	\$220,000	\$117,965	\$337,965
FY 2022	\$220,000	\$111,915	\$331,915
FY 2023	\$220,000	\$105,590	\$325,590
FY 2024	\$220,000	\$98,990	\$318,990
FY 2025	\$220,000	\$92,390	\$312,390
FY 2026	\$220,000	\$86,175	\$306,175
FY 2027	\$220,000	\$80,235	\$300,235
FY 2028	\$220,000	\$74,075	\$294,075
FY 2029	\$220,000	\$67,640	\$287,640
FY 2030	\$220,000	\$60,930	\$280,930
FY 2031	\$220,000	\$54,000	\$274,000
FY 2032	\$220,000	\$46,905	\$266,905
FY 2033	\$220,000	\$39,700	\$259,700
FY 2034	\$220,000	\$32,440	\$252,440
FY 2035	\$215,000	\$25,263	\$240,263
FY 2036	\$215,000	\$18,114	\$233,114
FY 2037	\$215,000	\$10,911	\$225,911
FY 2038	\$215,000	\$3,655	\$218,655
TOTAL	\$4,160,000	\$1,250,633	\$5,410,633

Table 11. City of Alexandria, VA			
General Obligation Bond Issue of \$94.670 million (August 2017)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$3,000,000	\$3,749,250	\$6,749,250
FY 2021	\$4,985,000	\$3,549,625	\$8,534,625
FY 2022	\$4,985,000	\$3,300,375	\$8,285,375
FY 2023	\$4,985,000	\$3,051,125	\$8,036,125
FY 2024	\$4,985,000	\$2,801,875	\$7,786,875
FY 2025	\$4,985,000	\$2,552,625	\$7,537,625
FY 2026	\$4,985,000	\$2,303,375	\$7,288,375
FY 2027	\$4,980,000	\$2,054,250	\$7,034,250
FY 2028	\$4,980,000	\$1,805,250	\$6,785,250
FY 2029	\$4,980,000	\$1,556,250	\$6,536,250
FY 2030	\$4,980,000	\$1,381,950	\$6,361,950
FY 2031	\$4,980,000	\$1,207,650	\$6,187,650
FY 2032	\$4,980,000	\$1,008,450	\$5,988,450
FY 2033	\$4,980,000	\$859,050	\$5,839,050
FY 2034	\$4,980,000	\$709,650	\$5,689,650
FY 2035	\$4,980,000	\$560,250	\$5,540,250
FY 2036	\$4,980,000	\$404,625	\$5,384,625
FY 2037	\$4,980,000	\$242,775	\$5,222,775
FY 2038	\$4,980,000	\$80,925	\$5,060,925
TOTAL	\$92,670,000	\$33,179,325	\$125,849,325

Table 12. City of Alexandria, VA			
General Obligation Refunding Bond Issue of \$34.168 million (Nov. 2016)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$381,000	\$634,817	\$1,015,817
FY 2021	\$389,000	\$627,464	\$1,016,464
FY 2022	\$396,000	\$619,967	\$1,015,967
FY 2023	\$404,000	\$612,327	\$1,016,327
FY 2024	\$412,000	\$604,534	\$1,016,534
FY 2025	\$4,154,000	\$560,929	\$4,714,929
FY 2026	\$4,111,000	\$481,998	\$4,592,998
FY 2027	\$4,052,000	\$404,041	\$4,456,041
FY 2028	\$3,979,000	\$327,345	\$4,306,345
FY 2029	\$3,904,000	\$252,063	\$4,156,063
FY 2030	\$3,827,000	\$178,232	\$4,005,232
FY 2031	\$3,749,000	\$105,881	\$3,854,881
FY 2032	\$3,669,000	\$35,039	\$3,704,039
TOTAL	\$33,427,000	\$5,444,636	\$38,871,636

Table 13. City of Alexandria, VA			
General Obligation Issue of \$73.735 million (July 2016)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$2,800,000	\$2,662,531	\$5,462,531
FY 2021	\$3,515,000	\$2,522,231	\$6,037,231
FY 2022	\$3,995,000	\$2,352,056	\$6,347,056
FY 2023	\$3,995,000	\$2,152,306	\$6,147,306
FY 2024	\$3,995,000	\$1,952,556	\$5,947,556
FY 2025	\$3,995,000	\$1,752,806	\$5,747,806
FY 2026	\$3,995,000	\$1,553,056	\$5,548,056
FY 2027	\$3,995,000	\$1,353,306	\$5,348,306
FY 2028	\$3,995,000	\$1,153,556	\$5,148,556
FY 2029	\$3,995,000	\$953,806	\$4,948,806
FY 2030	\$3,995,000	\$813,981	\$4,808,981
FY 2031	\$3,995,000	\$731,584	\$4,726,584
FY 2032	\$3,995,000	\$636,703	\$4,631,703
FY 2033	\$3,995,000	\$529,338	\$4,524,338
FY 2034	\$3,995,000	\$416,978	\$4,411,978
FY 2035	\$3,995,000	\$299,625	\$4,294,625
FY 2036	\$3,995,000	\$179,775	\$4,174,775
FY 2037	\$3,995,000	\$59,925	\$4,054,925
TOTAL	\$70,235,000	\$22,076,122	\$92,311,122

Table 14. City of Alexandria, VA			
General Obligation Refunding Bond Issue of \$10.595 million (July 2015)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$1,140,000	\$184,275	\$1,324,275
FY 2021	\$1,100,000	\$164,990	\$1,264,990
FY 2022	\$1,065,000	\$142,293	\$1,207,293
FY 2023	\$1,040,000	\$114,445	\$1,154,445
FY 2024	\$1,010,000	\$84,958	\$1,094,958
FY 2025	\$980,000	\$57,105	\$1,037,105
FY 2026	\$950,000	\$28,890	\$978,890
FY 2027	\$155,000	\$12,199	\$167,199
FY 2028	\$145,000	\$7,329	\$152,329
FY 2029	\$140,000	\$2,450	\$142,450
TOTAL	\$7,725,000	\$798,933	\$8,523,933

Table 15. City of Alexandria, VA			
General Obligation Bond Issue of \$23.215 million (July 2015)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$1,165,000	\$780,700	\$1,945,700
FY 2021	\$1,165,000	\$722,450	\$1,887,450
FY 2022	\$1,165,000	\$664,200	\$1,829,200
FY 2023	\$1,165,000	\$605,950	\$1,770,950
FY 2024	\$1,165,000	\$547,700	\$1,712,700
FY 2025	\$1,165,000	\$489,450	\$1,654,450
FY 2026	\$1,165,000	\$431,200	\$1,596,200
FY 2027	\$1,165,000	\$372,950	\$1,537,950
FY 2028	\$1,165,000	\$314,700	\$1,479,700
FY 2029	\$1,165,000	\$268,100	\$1,433,100
FY 2030	\$1,165,000	\$233,150	\$1,398,150
FY 2031	\$1,165,000	\$198,200	\$1,363,200
FY 2032	\$1,165,000	\$163,250	\$1,328,250
FY 2033	\$1,165,000	\$127,572	\$1,292,572
FY 2034	\$1,165,000	\$91,166	\$1,256,166
FY 2035	\$1,165,000	\$54,031	\$1,219,031
FY 2036	\$1,080,000	\$17,550	\$1,097,550
TOTAL	\$19,720,000	\$6,082,319	\$25,802,319

Table 16. City of Alexandria, VA			
General Obligation Refunding Bond Issue of \$33.995 million (April 2015)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$410,000	\$596,130	\$1,006,130
FY 2021	\$415,000	\$588,458	\$1,003,458
FY 2022	\$3,490,000	\$552,141	\$4,042,141
FY 2023	\$3,430,000	\$487,785	\$3,917,785
FY 2024	\$3,365,000	\$424,592	\$3,789,592
FY 2025	\$6,240,000	\$335,265	\$6,575,265
FY 2026	\$6,100,000	\$220,503	\$6,320,503
FY 2027	\$3,015,000	\$135,734	\$3,150,734
FY 2028	\$2,935,000	\$80,398	\$3,015,398
FY 2029	\$2,855,000	\$26,551	\$2,881,551
TOTAL	\$32,255,000	\$3,447,557	\$35,702,557

Table 17. City of Alexandria, VA			
General Obligation Bond Issue of \$35.995 million (Nov. 2014)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$1,800,000	\$1,085,690	\$2,885,690
FY 2021	\$1,800,000	\$1,031,690	\$2,831,690
FY 2022	\$1,800,000	\$977,690	\$2,777,690
FY 2023	\$1,800,000	\$887,690	\$2,687,690
FY 2024	\$1,800,000	\$797,690	\$2,597,690
FY 2025	\$1,800,000	\$707,690	\$2,507,690
FY 2026	\$1,800,000	\$617,690	\$2,417,690
FY 2027	\$1,800,000	\$563,690	\$2,363,690
FY 2028	\$1,800,000	\$491,690	\$2,291,690
FY 2029	\$1,800,000	\$419,690	\$2,219,690
FY 2030	\$1,800,000	\$347,690	\$2,147,690
FY 2031	\$1,800,000	\$275,690	\$2,075,690
FY 2032	\$1,800,000	\$221,690	\$2,021,690
FY 2033	\$1,800,000	\$167,690	\$1,967,690
FY 2034	\$1,800,000	\$113,690	\$1,913,690
FY 2035	\$1,795,000	\$57,440	\$1,852,440
TOTAL	\$28,795,000	\$8,764,790	\$37,559,790

Table 18. City of Alexandria, VA			
General Obligation Refunding Bond Issue of \$18.635 million (March 2014)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$2,785,000	\$27,850	\$2,812,850
TOTAL	\$2,785,000	\$27,850	\$2,812,850

Table 19. City of Alexandria, VA			
General Obligation Bond Issue of \$63.800 million (July 2013)*			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$3,305,000	\$661,000	\$3,966,000
FY 2021	\$3,305,000	\$495,750	\$3,800,750
FY 2022	\$3,305,000	\$330,500	\$3,635,500
FY 2023	\$3,305,000	\$165,250	\$3,470,250
TOTAL	\$13,220,000	\$1,652,500	\$14,872,500

*FY 2024 - FY 2033 refinanced as part of the 2017C series.

Table 20. City of Alexandria, VA			
General Obligation Refunding Bond Issue of \$17.335 million (July 2012)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$0	\$330,600	\$330,600
FY 2021	\$0	\$330,600	\$330,600
FY 2022	\$0	\$330,600	\$330,600
FY 2023	\$2,750,000	\$330,600	\$3,080,600
FY 2024	\$5,630,000	\$248,100	\$5,878,100
FY 2025	\$2,640,000	\$79,200	\$2,719,200
TOTAL	\$11,020,000	\$1,649,700	\$12,669,700

Table 21. City of Alexandria, VA			
General Obligation Bond Issue of \$76.820 million (July 2012)*			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$4,000,000	\$1,211,925	\$5,211,925
FY 2021	\$4,000,000	\$1,011,925	\$5,011,925
FY 2022	\$4,000,000	\$811,925	\$4,811,925
FY 2023	\$0	\$611,925	\$611,925
FY 2024	\$0	\$611,925	\$611,925
FY 2025	\$0	\$611,925	\$611,925
FY 2026	\$0	\$611,925	\$611,925
FY 2027	\$0	\$611,925	\$611,925
FY 2028	\$0	\$611,925	\$611,925
FY 2029	\$3,980,000	\$611,925	\$4,591,925
FY 2030	\$3,980,000	\$492,525	\$4,472,525
FY 2031	\$3,980,000	\$373,125	\$4,353,125
FY 2032	\$3,980,000	\$253,725	\$4,233,725
FY 2033	\$3,980,000	\$129,350	\$4,109,350
TOTAL	\$31,900,000	\$8,567,975	\$40,467,975

*FY 2023 - FY 2028 refinanced as part of the 2017C series.

Table 22. City of Alexandria, VA			
General Obligation Refunding Bond Issue of \$63.625 million (April 2012)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$8,615,000	\$1,360,600	\$9,975,600
FY 2021	\$8,625,000	\$972,925	\$9,597,925
FY 2022	\$8,635,000	\$584,800	\$9,219,800
FY 2023	\$5,985,000	\$239,400	\$6,224,400
TOTAL	\$31,860,000	\$3,157,725	\$35,017,725

Table 23. City of Alexandria, VA			
General Obligation Bond Issue of \$39.870 million* (July 2011)			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$3,765,000	\$387,916	\$4,152,916
FY 2021	\$3,765,000	\$305,556	\$4,070,556
FY 2022	\$3,760,000	\$188,000	\$3,948,000
FY 2023	\$0	\$112,800	\$112,800
FY 2024	\$3,760,000	\$56,400	\$3,816,400
TOTAL	\$15,050,000	\$1,050,672	\$16,100,672

*FY 2025 - FY 2032 of this issuance refinanced as part of the 2016B Series.
FY 2023 refinanced through the 2017C Series.

Table 24. City of Alexandria, VA			
Build America Bond Issue of \$55.300 million-B (July 2010)*			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$3,700,000	\$2,158,775	\$5,858,775
FY 2021	\$3,700,000	\$1,041,000	\$4,741,000
TOTAL	\$7,400,000	\$3,199,775	\$10,599,775

*\$40.5 million of this issuance refinanced as part of the 2017D Series.

Table 25. City of Alexandria, VA			
Build America Bond Issue of \$44.500 million-B (June 2009)*			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$0	\$1,190,125	\$1,190,125
TOTAL	\$0	\$1,190,125	\$1,190,125

*FY 2021 - FY 2030 refinanced through the 2017 C series.

Table 26. City of Alexandria, VA			
General Obligation Bond Issue of \$35.200 million-A (June 2009)*			
Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$4,100,000	\$82,000	\$4,182,000
TOTAL	\$4,100,000	\$82,000	\$4,182,000

Table 27. City of Alexandria, VA General Obligation Bond Issue of \$22.800 million - A (May 2007) Debt Outstanding at June 30,2019			
Fiscal Year	Principal	Interest	Total
FY 2020	\$2,825,000	\$282,750	\$3,107,750
FY 2021	\$2,830,000	\$141,500	\$2,971,500
TOTAL	\$5,655,000	\$424,250	\$6,079,250