

**MOTION: WOLFE**

**May 8, 2023  
Regular Meeting  
Res No. R-2023-58**

**SECOND: OSINA**

**RE: RESOLUTION APPROVING THE CITY OF MANASSAS FISCAL YEAR 2024  
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM**

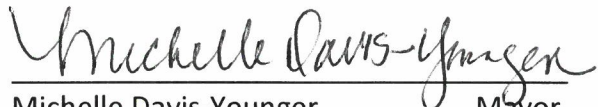
**WHEREAS**, the City of Manassas Planning Commission reviewed the FY 2024-2028 Five-Year Capital Improvement Program (CIP) on January 18, 2023, and approved the CIP on February 1, 2023; and

**WHEREAS**, the School Board of the Manassas City Public Schools approved the Manassas City Schools CIP on March 28, 2023, and transmitted to the City Council on March 29, 2023; and

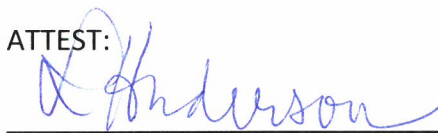
**WHEREAS**, the Manassas City Schools CIP is incorporated into the City of Manassas CIP; and

**WHEREAS**, the City Council held a public hearing on the CIP on April 24, 2023.

**NOW, THEREFORE, BE IT RESOLVED** by the Council of the City of Manassas meeting in regular session this 8<sup>th</sup> day of May, 2023, that the attached City of Manassas Fiscal Year 2024 Five-Year Capital Improvement Program containing capital projects necessary for the betterment of the community, is hereby approved.

  
Michelle Davis-Younger Mayor  
On behalf of the City Council  
of Manassas, Virginia

**ATTEST:**

  
Lee Ann Henderson City Clerk

**Votes:**

**Ayes:** Ellis, Osina, Sebesky, Smith, Vasquez Luna, Wolfe

**Nays:** None

**Absent from Vote:** None

**Absent from Meeting:** None

## SUMMARY OF CAPITAL PROJECTS BY PROGRAM

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
General Government	17,167	10,375	9,368	-	-	-	26,045	62,955	19,743
Culture & Recreation	13,780	-	-	6,550	-	-	4,300	24,630	6,550
Public Safety	130	2,000	-	-	-	-	29,790	31,920	2,000
Transportation	31,758	7,740	6,580	8,485	6,027	8,690	2,978	72,258	37,522
Sewer	7,465	-	29,100	2,000	-	-	-	38,565	31,100
Water	61,092	2,480	-	400	900	900	-	65,772	4,680
Electric	49,280	575	550	-	-	-	-	50,405	1,125
Stormwater	13,920	3,079	75	13,675	600	-	-	31,349	17,429
Airport	11,670	250	7,150	4,875	5,000	2,500	33,500	64,945	19,775
Schools	-	3,000	3,000	62,498	3,000	3,000	3,000	77,498	74,498
<b>Total Cost:</b>	<b>206,262</b>	<b>29,499</b>	<b>55,823</b>	<b>98,483</b>	<b>15,527</b>	<b>15,090</b>	<b>99,613</b>	<b>520,297</b>	<b>214,422</b>

### Funding Sources:

General Fund	5,991	75	-	-	-	-	3,060	9,126	75
Sewer Fund	4,382	2,265	-	2,980	-	-	1,450	11,077	5,245
Water Fund	15,704	1,944	-	400	900	900	1,500	21,348	4,144
Electric Fund	5,362	1,280	550	1,050	-	-	1,200	9,442	2,880
Stormwater Fund	200	-	75	2,375	600	-	-	3,250	3,050
Airport Fund	2,119	14	152	223	100	50	590	3,248	539
School Fund	-	3,000	3,000	3,000	3,000	3,000	3,000	18,000	15,000
Bonds	51,092	326	-	70,798	-	-	60,740	182,956	71,124
State	6,221	4,083	1,493	2,024	2,165	1,885	2,496	20,367	11,650
Federal	57,019	705	6,945	4,863	5,610	3,050	12,242	90,434	21,173
NVTA	5,044	2,732	1,165	2,610	1,252	860	-	13,663	8,619
Other Sources	53,128	13,075	42,443	8,160	1,900	5,345	13,335	137,386	70,923
<b>Total Funding:</b>	<b>206,262</b>	<b>29,499</b>	<b>55,823</b>	<b>98,483</b>	<b>15,527</b>	<b>15,090</b>	<b>99,613</b>	<b>520,297</b>	<b>214,422</b>

## CAPITAL PROJECTS LISTING

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
<b>General Government</b>									
Future Economic Development	-	6,000	-	-	-	-	-	6,000	6,000
City Hall	15,707	-	-	-	-	-	-	15,707	-
Public Works & Utilities Facility	1,460	300	-	-	-	-	13,250	15,010	300
City Hall Annex	-	-	-	-	-	-	11,035	11,035	-
City Hall / Downtown Parking	-	3,000	9,368	-	-	-	-	12,368	12,368
Fuel Island Upgrade at Public Work	-	1,075	-	-	-	-	-	1,075	1,075
Building Maintenance Shop Facility	-	-	-	-	-	-	1,760	1,760	-
<b>Program Total:</b>	<b>17,167</b>	<b>10,375</b>	<b>9,368</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26,045</b>	<b>62,955</b>	<b>19,743</b>
<b>Culture &amp; Recreation</b>									
Dean Park	9,614	-	-	-	-	-	-	9,614	-
Byrd Park	-	-	-	1,800	-	-	-	1,800	1,800
Annaburg Manor	4,166	-	-	-	-	-	4,300	8,466	-
Cedar Crest Park	-	-	-	500	-	-	-	500	500
Stonewall Park	-	-	-	4,250	-	-	-	4,250	4,250
<b>Program Total:</b>	<b>13,780</b>	<b>-</b>	<b>-</b>	<b>6,550</b>	<b>-</b>	<b>-</b>	<b>4,300</b>	<b>24,630</b>	<b>6,550</b>
<b>Public Safety</b>									
Animal Shelter Improvements	130	-	-	-	-	-	-	130	-
Fire/Rescue Station 1	-	-	-	-	-	-	29,790	29,790	-
Police Radio System Upgrade	-	2,000	-	-	-	-	-	2,000	2,000
<b>Program Total:</b>	<b>130</b>	<b>2,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>29,790</b>	<b>31,920</b>	<b>2,000</b>
<b>Transportation</b>									
Sudley Road Third Lane	8,005	1,815	-	-	-	-	-	9,820	1,815
Grant Avenue (Lee Avenue to Welli	12,620	893	-	-	-	-	-	13,513	893
Dean Drive (Animal Shelter to Welli	-	-	-	3,725	1,212	1,000	678	6,615	5,937
Liberia Avenue	-	-	-	1,610	1,900	5,345	-	8,855	8,855
Stonewall Park Trail Extension	-	250	695	735	570	-	-	2,250	2,250
Traffic Signal Span Wire to Mast Ar	869	532	-	-	-	-	-	1,401	532
Longstreet Water Line & Sidewalk	5,550	600	-	-	-	-	-	6,150	600
Roundabout Sudley/Centreville	425	625	3,975	-	-	-	-	5,025	4,600
Mathis Avenue	3,177	1,920	420	420	2,345	2,345	-	10,627	7,450
Wellington Road Shared-Use Path	961	190	-	-	-	-	-	1,151	190
Wakeman Tract Pond Trail	-	-	-	-	-	-	2,300	2,300	-
Dumfries Road Sidewalk Infill	151	430	-	-	-	-	-	581	430
Sudley Sidewalk	-	485	1,490	1,995	-	-	-	3,970	3,970
<b>Program Total:</b>	<b>31,758</b>	<b>7,740</b>	<b>6,580</b>	<b>8,485</b>	<b>6,027</b>	<b>8,690</b>	<b>2,978</b>	<b>72,258</b>	<b>37,522</b>
<b>Sewer</b>									
Upper Flat Branch Interceptor Repla	2,765	-	-	2,000	-	-	-	4,765	2,000

## CAPITAL PROJECTS LISTING

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Sewer Capacity Expansion	900	-	29,100	-	-	-	-	30,000	29,100
Airport Infrastructure Improvement	3,800	-	-	-	-	-	-	3,800	-
<b>Program Total:</b>	<b>7,465</b>	<b>-</b>	<b>29,100</b>	<b>2,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>38,565</b>	<b>31,100</b>
<b>Water</b>									
24" Transmission Main Replacemen	34,546	1,354	-	-	-	-	-	35,900	1,354
Finished Water Capacity Increases	7,600	-	-	-	-	-	-	7,600	-
Clear-Well Addition and Roof Reno	8,946	826	-	-	-	-	-	9,772	826
Nokesville Road Water Main Upgra	1,300	-	-	-	-	-	-	1,300	-
Surge Tank Expansion	2,000	-	-	-	-	-	-	2,000	-
Screw Press Decant	6,700	-	-	-	-	-	-	6,700	-
Super Pulsator PLC Replacement	-	300	-	-	-	-	-	300	300
Dry Storage Structure (Pole Barn)	-	-	-	200	400	400	-	1,000	1,000
Conventional Filter Underdrain Repl	-	-	-	200	500	500	-	1,200	1,200
<b>Program Total:</b>	<b>61,092</b>	<b>2,480</b>	<b>-</b>	<b>400</b>	<b>900</b>	<b>900</b>	<b>-</b>	<b>65,772</b>	<b>4,680</b>
<b>Electric</b>									
New Fiber Optic Loop/Ring	505	-	-	-	-	-	-	505	-
LED Streetlight Replacement	700	125	100	-	-	-	-	925	225
Manassas Airport Distribution Impr	1,325	450	-	-	-	-	-	1,775	450
Distribution Facility Relocations (Pr	50	-	450	-	-	-	-	500	450
AWS/BCG Substation	43,700	-	-	-	-	-	-	43,700	-
Lockheed Substation Relocation/U	3,000	-	-	-	-	-	-	3,000	-
<b>Program Total:</b>	<b>49,280</b>	<b>575</b>	<b>550</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,405</b>	<b>1,125</b>
<b>Stormwater</b>									
Euclid/Sills Warehouse Pond Retrofi	859	-	-	-	-	-	-	859	-
Liberia Stream Restoration	1,947	1,300	-	-	-	-	-	3,247	1,300
Sumner Lake Stream Restoration	-	-	-	4,900	-	-	-	4,900	4,900
Public Facilities Stormwater Manag	-	-	75	75	600	-	-	750	750
Round Elementary Pond Retrofit &	4,314	1,504	-	-	-	-	-	5,818	1,504
Winters Branch Pond Rehabilitation	1,050	-	-	-	-	-	-	1,050	-
Lucasville Regional Pond Retrofit	1,950	-	-	-	-	-	-	1,950	-
Cannon Branch/Flat Branch Stream	-	-	-	6,400	-	-	-	6,400	6,400
Battle/Ewell/West Street Drainage I	-	275	-	-	-	-	-	275	275
Oakenshaw Regional Ponds Retrofit	-	-	-	2,300	-	-	-	2,300	2,300
New Britain Regional Pond Retrofit	2,800	-	-	-	-	-	-	2,800	-
Stonewall Park Stormwater Enhance	1,000	-	-	-	-	-	-	1,000	-
<b>Program Total:</b>	<b>13,920</b>	<b>3,079</b>	<b>75</b>	<b>13,675</b>	<b>600</b>	<b>-</b>	<b>-</b>	<b>31,349</b>	<b>17,429</b>
<b>Airport</b>									
Air Traffic Control Tower	151	-	-	-	-	-	18,850	19,001	-

## CAPITAL PROJECTS LISTING

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Fuel Farm Upgrade	-	50	50	500	-	-	-	600	600
Taxiway A Rehabilitation with Lighti	3,441	-	-	-	-	-	-	3,441	-
North East Apron Expansion	-	-	-	-	-	-	2,200	2,200	-
Rehab/Widen Taxiway B with Lighti	5,578	-	-	-	-	-	-	5,578	-
Terminal Parking Lot Expansion	-	-	-	-	-	-	1,100	1,100	-
Installation of Backup Generators	-	-	-	-	-	-	550	550	-
West Corporate Development Site /	1,900	-	-	-	-	-	-	1,900	-
Rehabilitation of Runway 16L/34R	600	200	6,500	3,500	-	-	-	10,800	10,200
East Apron Rehabilitation	-	-	400	-	3,000	2,500	-	5,900	5,900
Runway 16L/34R Extension	-	-	-	275	-	-	3,500	3,775	275
South East Airport Complex Site De	-	-	-	400	-	-	7,300	7,700	400
South West Hangar Redevelopment	-	-	-	200	-	-	-	200	200
Design Construct Taxilane X-Ray	-	-	200	-	2,000	-	-	2,200	2,200
<b>Program Total:</b>	<b>11,670</b>	<b>250</b>	<b>7,150</b>	<b>4,875</b>	<b>5,000</b>	<b>2,500</b>	<b>33,500</b>	<b>64,945</b>	<b>19,775</b>
<b>Schools</b>									
District Wide - Classroom Trailers	-	200	200	-	-	250	250	900	650
District Wide - Technology Upgrad	-	200	200	200	200	200	200	1,200	1,000
District Wide - School Bus Addition	-	125	125	125	125	125	125	750	625
Osborn - Roof Replacement	-	1,000	1,000	-	1,000	-	-	3,000	3,000
Osborn - Fire Alarm System Repla	-	-	1,000	-	-	-	-	1,000	1,000
Osborn - Window/Door Replacem	-	-	-	-	275	275	-	550	550
Osborn - Turf Field Installation	-	-	-	-	-	-	2,425	2,425	-
Osborn - Concession Stand Refurb	-	-	-	-	400	-	-	400	400
Metz - Restroom Refurbishments	-	-	-	-	500	-	-	500	500
Metz - Window/Door Replacement	-	-	-	-	-	275	-	275	275
Metz - Fire Alarm System Replacem	-	575	-	-	-	-	-	575	575
Metz - Turf Field Installation	-	-	-	-	500	1,875	-	2,375	2,375
Haydon - Window/Door Replaceme	-	200	-	-	-	-	-	200	200
Round - Window/Door Replacemen	-	200	-	-	-	-	-	200	200
Round - Parking Lot Replacement	-	500	-	-	-	-	-	500	500
New Dean - Building Replacement	-	-	475	62,173	-	-	-	62,648	62,648
<b>Program Total:</b>	<b>-</b>	<b>3,000</b>	<b>3,000</b>	<b>62,498</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>77,498</b>	<b>74,498</b>
<b>CIP Total:</b>	<b>206,262</b>	<b>29,499</b>	<b>55,823</b>	<b>98,483</b>	<b>15,527</b>	<b>15,090</b>	<b>99,613</b>	<b>520,297</b>	<b>214,422</b>



## SUMMARY OF MAINTENANCE CAPITAL PROJECTS BY PROGRAM

(\$ in Thousands)

The City identifies Capital Projects with a cost greater than \$100,000 **and** a useful life of 10+ years. The City recognizes that there are additional projects/needs that are capital in nature but do not meet the requirement set forth for a capital project. These additional projects/needs are considered Maintenance Capital Projects, a list of which is provided below for all of the CIP program areas.

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
General Government	-	795	-	-	-	-	-	795	795
Culture & Recreation	2,618	450	660	300	710	300	-	5,038	2,420
Transportation	4,922	850	1,330	850	850	1,050	-	9,852	4,930
Sewer	1,133	450	450	450	450	450	-	3,383	2,250
Water	7,553	1,300	1,300	1,400	1,700	1,300	300	14,853	7,000
Electric	13,582	2,060	1,950	2,060	1,950	2,060	-	23,662	10,080
Stormwater	4,394	1,125	1,125	1,125	1,125	1,125	-	10,019	5,625
Airport	2,275	455	465	500	360	580	35	4,670	2,360
<b>Total Cost:</b>	<b>36,477</b>	<b>7,485</b>	<b>7,280</b>	<b>6,685</b>	<b>7,145</b>	<b>6,865</b>	<b>335</b>	<b>72,272</b>	<b>35,460</b>

### Funding Sources

General Fund	3,124	1,425	1,050	900	900	900	-	8,299	5,175
Sewer Fund	1,053	450	450	450	450	450	-	3,303	2,250
Water Fund	5,941	1,300	1,300	1,400	1,700	1,300	300	13,241	7,000
Electric Fund	13,438	2,060	1,950	2,060	1,950	2,060	-	23,518	10,080
Stormwater Fund	1,589	625	625	625	625	625	-	4,714	3,125
Airport Fund	490	183	165	151	72	116	7	1,184	687
School Fund	570	-	60	-	60	-	-	690	120
Bonds	3,591	-	-	-	-	-	-	3,591	-
State	2,175	272	395	124	288	504	28	3,786	1,583
Federal	842	-	385	225	-	160	-	1,612	770
NVTA	3,282	750	750	750	750	750	-	7,032	3,750
Other Sources	382	420	150	-	350	-	-	1,302	920
<b>Total Funding:</b>	<b>36,477</b>	<b>7,485</b>	<b>7,280</b>	<b>6,685</b>	<b>7,145</b>	<b>6,865</b>	<b>335</b>	<b>72,272</b>	<b>35,460</b>

## MAINTENANCE CAPITAL PROJECT LISTING

(\$ in Thousands)

The City identifies Capital Projects with a cost greater than \$100,000 and a useful life of 10+ years. The City recognizes that there are additional projects/needs that are capital in nature but do not meet the requirement set forth for a capital project. These additional projects/needs are considered Maintenance Capital Projects, a list of which is provided below for all of the CIP program areas.

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
<b>General Government</b>									
Cemetery Improvements	-	375	-	-	-	-	-	375	375
Building Lighting Upgrades	-	420	-	-	-	-	-	420	420
<b>Program Total:</b>	-	795	-	-	-	-	-	795	795
<b>Culture &amp; Recreation</b>									
School Playground Equipment	1,165	-	120	-	120	-	-	1,405	240
Candy Factory Improvements	438	150	150	-	-	-	-	738	300
Park Improvements	905	300	-	300	-	300	-	1,805	900
Stonewall Pool Improvements	110	-	90	-	90	-	-	290	180
Historic Site Improvements	-	-	300	-	150	-	-	450	450
Sport Fields Improvements	-	-	-	-	350	-	-	350	350
<b>Program Total:</b>	2,618	450	660	300	710	300	-	5,038	2,420
<b>Transportation</b>									
Sidewalk & Bicycle Infill	3,592	250	250	250	250	250	-	4,842	1,250
Traffic Signal Coordination &	730	300	780	300	300	300	-	2,710	1,980
Project Development	500	200	200	200	200	200	-	1,500	1,000
Culvert Maintenance	100	100	100	100	100	100	-	600	500
Bus Stops Enhancements	-	-	-	-	-	200	-	200	200
<b>Program Total:</b>	4,922	850	1,330	850	850	1,050	-	9,852	4,930
<b>Sewer</b>									
Sewer Main Replacement	1,133	450	450	450	450	450	-	3,383	2,250
<b>Program Total:</b>	1,133	450	450	450	450	450	-	3,383	2,250
<b>Water</b>									
Main Replacement / Looping	4,144	400	400	400	400	400	-	6,144	2,000
Water Plant Improvements	2,617	600	600	600	600	600	-	5,617	3,000
Conventional Filter Rehabilitation	488	-	-	-	300	300	300	1,388	600
Water Meter AMR Upgrade	304	300	300	400	400	-	-	1,704	1,400
<b>Program Total:</b>	7,553	1,300	1,300	1,400	1,700	1,300	300	14,853	7,000
<b>Electric</b>									
Electric T&D Maintenance and	6,147	800	800	800	800	800	-	10,147	4,000
Alternative Generation Initiatives	2,650	300	300	300	300	300	-	4,150	1,500
Place Overhead Lines	3,225	500	500	500	500	500	-	5,725	2,500
Substation Capacity and Reliability	1,300	350	350	350	350	350	-	3,050	1,750
Distribution Switching Capabilities	260	110	-	110	-	110	-	590	330

# MAINTENANCE CAPITAL PROJECT LISTING

(\$ in Thousands)

<b>Program Total:</b>	13,582	2,060	1,950	2,060	1,950	2,060	-	23,662	10,080
<b>Stormwater</b>									
SWMF Annual/Deferred	1,755	-	-	-	-	-	-	1,755	-
Floodplain Mapping Update	445	125	125	125	125	125	-	1,070	625
Drainage Maintenance &	1,144	500	500	500	500	500	-	3,644	2,500
Upstream Inspections & Repairs	1,050	500	500	500	500	500	-	3,550	2,500
<b>Program Total:</b>	4,394	1,125	1,125	1,125	1,125	1,125	-	10,019	5,625
<b>Airport</b>									
Airport Paving Program (outside	395	-	245	35	-	100	-	775	380
Master Plan Study	864	-	-	-	-	-	-	864	-
Airport Alternative Energy Study	-	-	-	-	-	-	35	35	-
Airfield Improvements	145	-	-	-	150	400	-	695	550
Airfield Paving Program	570	290	-	-	60	-	-	920	350
Air Traffic Control Tower Repairs	141	50	-	-	-	-	-	191	50
Environmental Assessment for	-	-	-	250	-	-	-	250	250
Airfield Marking	80	50	40	50	50	50	-	320	240
Airfield Fencing	-	-	-	45	100	30	-	175	175
Airside Tree Removal	-	-	90	-	-	-	-	90	90
Security Equipment Replacement	45	50	40	15	-	-	-	150	105
Terminal Building Improvements	35	-	20	75	-	-	-	130	95
Equipment Storage Building	-	15	30	30	-	-	-	75	75
<b>Program Total:</b>	2,275	455	465	500	360	580	35	4,670	2,360
<b>Total Costs</b>	<b>36,477</b>	<b>7,485</b>	<b>7,280</b>	<b>6,685</b>	<b>7,145</b>	<b>6,865</b>	<b>335</b>	<b>72,272</b>	<b>35,460</b>





## PLANNING COMMISSION RESOLUTION

**Re: City of Manassas FY2024-2028 – Capital Improvement Program (CIP)**

**WHEREAS**, the Planning Commission annually reviews and provides recommendations to the City Manager on the department recommended Capital Improvement Program in accordance with Section 15.2-2239 of the Code of Virginia;

**WHEREAS**, the Planning Commission is responsible for review of all proposed Capital Improvement Program projects for conformance with the adopted Comprehensive Plan in accordance with Section 15.2-2232 of the Code of Virginia; and

**WHEREAS**, the Planning Commission's CIP Committee held a worksession to review new projects in the proposed FY2024-2028 CIP on January 18, 2023.

**NOW THEREFORE BE IT RESOLVED**, that the Planning Commission does hereby **RECOMMEND APPROVAL** of the FY2024-2028 CIP, as submitted to the City Manager, on this the 25<sup>th</sup> day of January 2023.

**BE IT FUTHER RESOLVED**, that for project T-94, Sudley Sidewalk, the Commission endorses Alternative 1 (6-foot buffer between roadway and sidewalk) and recommends to the City Manager that the Engineering Department work directly with impacted property owners to mitigate the impacts of a wider buffer.

1-25-2023

Date



Elaine Trautwein  
Chairperson

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## GLOSSARY

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**Appropriation** – Authorization of the City Council to incur obligations for specific purposes. Appropriations are limited to amount, purpose, and time. All appropriations of the City Council lapse at June 30<sup>th</sup> as provided in the Code of Virginia.

**Bond** – A written promise to pay a designated sum of money (principal) as a specific date in the future, as well as periodic interest at a specified rate. The payments on bonds are identified as debt service.

**Bond Proceeds** – The money paid to the issuer by the purchaser or underwriter of a new issue of municipal securities. These moneys are used to finance the project or purpose for which the securities were issued and to pay certain costs of issuance as may be provided in the bond contract.

**Bond Ratings** – Rate given to a government by a third party agency to signify the government's capacity and willingness to repay its debt. In rating municipalities for the issuance of general obligation debt, credit rating agencies (Standard & Poor's, Moody's, Fitch) consider factors that are considered especially relevant to a government's "capacity and willingness" to repay its debt: (1) the local economic base including local employment, taxes, and demographics (for example, age, education, income level, and skills of the local population); (2) financial performance and flexibility including accounting and reporting methods, revenue and expenditure structure and patterns, annual operating and budgetary performance, financial leverage and equity position, budget and financial planning, and contingency financial obligations such as pension liability funding; (3) debt burden; and (4) administration including local autonomy and discretion regarding financial affairs, background and experience of key administrative officials, and frequency of elections. Bond ratings impact the interest rate and the cost of debt service in the operating budget.

**Bonding Power** – Power of government to borrow money.

**Bonds** – Type of security sold to finance capital improvement projects.

**Budget** – Financial plan for a specified period of time (fiscal year) that matches all planned revenues and expenditures with various municipal services. The budget is the primary tool by which most of the financing, acquisition, spending, and service delivery activities of a government are planned and controlled.

**Budget Resolution** – Method used by the City to establish and amend the budget.

**Capital Improvement Program** – A plan for future capital project expenditures. The multi-year plan serves as a roadmap for creating, maintaining, and funding present and future infrastructure requirements. The Capital Program addresses needs relating to the acquisition, expansion, and rehabilitation of long-lived facilities and systems. It serves as a planning instrument to identify needed capital projects and coordinate the financing and timing of these improvements.

**Capital Project** – Major construction, acquisition, or renovation activities which add value to a government's physical assets or significantly increase their useful life. In order to be a capital project, a project must have a cost greater than \$100,000 and a useful life of more than 10 years. If a project does not meet the criteria, it is considered to be a maintenance capital project.

**Capital Projects Funds** – Funds, defined by the State Auditor of Public Accounts, which account for the acquisition and/or construction of major capital facilities or capital improvements. These funds can include maintenance and renovation of capital facilities.

**Code of Virginia** – Laws of the Commonwealth of Virginia

**Costs of Issuance** – The expenses associated with the sale of a new issue of municipal securities, including such items as printing, legal and rating agency fees, and others.

**Debt** – Obligation or something owed to someone else.

**Debt Limit** – The maximum amount of debt which an issuer of municipal securities is permitted to incur under constitutional, statutory or charter provisions

**Debt Service** – Annual payment of principal and interest on the City's bonds

**Expenditure** – Cost of goods or services as recorded on a modified accrual basis of accounting

## GLOSSARY

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**Feasibility** – Degree to which something can be achieved

**Financial Policy** – City's policy with respect to taxes, spending, and debt management as related to the provision of City services, programs, and capital investment

**Fund** – Independent fiscal and accounting entity with a self-balancing set of accounts recording its assets, liabilities, fund balance/net assets, revenues, and expenditures/expenses

**General Obligation Bond** – Full faith and credit of the City, through its taxing authority, guarantees the principal and interest payments on debt

**Grant** – Cash award given by a government to a public agency in a lower level of government or special recipient for a specialized purpose

**Issuing Bonds** – To “issue” bonds means to sell, deliver, and receive payment for bonds

**Long-Term Debt** – Debt with a maturity of more than one year after the date of issuance.

**Maintenance Capital Project** – A project that is capital in nature but does not meet the cost and/or useful life criteria of a capital project (i.e. cost is less than \$100,000 and/or the useful life is less than 10 years).

**Pay-As-You-Go Financing (PAYGO)** – The portion of capital outlay which is financed from current revenue from the general fund, rather than by borrowing.

**Referendum** – A means by which a legislative body requests the electorate to approve or reject proposals such as constitutional amendments, long-term borrowing, and other special laws.

**Short-Term Debt** – Debt with a maturity of less than one year after the date of issuance.

**Strategic Planning** – Continuous and systematic process whereby guiding members of the City make decisions about its future, develop the necessary procedures and operations to achieve in the future, and determine how success will be measured

## ACRONYMS

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**ADA** – Americans with Disability Act – Federal law that prohibits discrimination and ensures equal opportunity for persons with disabilities in employment, state and local government services, public accommodations, commercial facilities, and transportation

**ALP** – Airport Layout Plan

**ARPA** – American Rescue Plan Act – Federal legislation that provides state, local, and Tribal governments across the country with support for their response to and recovery from the COVID-19 public health emergency

**AWS** – Amazon Web Services – Subsidiary of Amazon that provides on-demand cloud computing platforms and APIs to individuals, companies, and governments

**BAS** – Building Automation System

**BBJ** – Boeing Business Jet – Commercial airplane

**BCG** – Black Chamber Group

**CIP** – Capital Improvement Program – List of capital projects that are anticipated and scheduled over a five-year period

**CMAQ** – Congestion Mitigation and Air Quality Improvement Program – Provides funds to states for transportation projects designed to reduce traffic congestion and improve air quality

**DEQ** – Department of Environmental Quality – State regulatory agency charged with implementing and enforcing state and federal environmental rules and regulations

**FAA** – Federal Aviation Administration – Federal agency charged with regulating aircraft, airports and all other aspects of air travel

**FEMA** – Federal Emergency Management Agency – Federal agency responsible for leading the Nation's efforts to prepare for, mitigate against, respond to, and recover from the impacts of natural disasters and man-made incidents or terrorist events

**FY** – Fiscal Year – A 12-month period to which the annual operating budget applies. The City's fiscal year is July 1<sup>st</sup> through June 30<sup>th</sup>

**HVAC** – Heating, Ventilation, and Air Conditioning

**IT** – Information Technology

**kV** – Kilovolt – a unit of electromotive force

**LED** – Light-emitting diode – A semiconductor diode that emits light when conducting current and is used in electronic displays and both indoor and outdoor lighting

**MALSR** – Medium Approach Lighting System with Runway Alignment Indicator Lights– Lighting system installed in airport runway approach zones along the extended centerline of the runway

**MCPS** – Manassas City Public Schools

**mgd** – Million gallons per day as it relates to water service

**MS4** – Small Municipal Separate Storm Sewer System – Authorizes cities, counties, or other governmental entities to discharge stormwater collected by their storm sewer systems to waters of the United States

**MVA** – Megavolt amp – Power in an electrical circuit

**NERC** – North American Electric Reliability Corporation – International regulatory organization that works to reduce risks to power grid infrastructure



## ACRONYMS

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**NVTA** – Northern Virginia Transportation Authority – A regional body responsible for long range transportation planning, prioritization, and funding for regional transportation projects in Northern Virginia.

**PAPI** – Precision Approach Path Indicators – A set of lights positioned beside the runway to provide pilots with a visual indicator of their aircraft's position relative to the correct glidepath for the runway

**RSTP** – Regional Surface Transportation Program – Provides flexible funding that may be used by States and localities for projects to preserve and improve the conditions and performance on any Federal-aid highway, bridge and tunnel projects on any public road, pedestrian and bicycle infrastructure, and transit capital projects

**TMDL** – Total Maximum Daily Load – The calculation of the maximum amount of pollution a body of water can receive and still meet state water quality standards designed to ensure waterways meet a national primary goal of being swimmable and fishable

**UG** – Underground, as in underground electric distribution services

**USEPA** – United States Environmental Protection Agency – Federal agency to protect the human health and the environment

**VA** – State of Virginia

**VADEQ** – Virginia Department of Environmental Quality – State agency that oversees environmental protection services

**VDOT** – Virginia Department of Transportation – State agency responsible for building, maintaining, and operating the state's roads, bridges, and tunnels

**VPDES** – Virginia Pollutant Discharge Elimination System – Program established by the Clean Water Act to limit pollutants getting into streams, rivers, and bays