



CITY OF MANASSAS VIRGINIA



Adopted
FY 2024
Five-Year Capital Improvement Program

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FY 2024 PROJECT

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July 1, 2023

Mayor Davis-Younger and Members of the City Council:

The Adopted FY 2024 Five-Year Capital Improvement Program (CIP), prepared in alignment with the City Council priorities and the adopted strategic plan goals, is published and available for public review at www.manassasva.gov/budget.

The FY 2024 – FY 2028 CIP totals \$214 million and contains 59 projects to be started during the five-year planning period. Another \$99 million in projects are also shown for future funding consideration. Education projects, at \$74 million, would receive the most funding during this five-year planning cycle with Dean School replacement as the largest project. These projects support our educational attainment goals.

Significant funding is also going to utility infrastructure projects in Sewer (\$31 million), Stormwater (\$17 million), Water (\$4 million) and Airport (\$20 million), funded primarily by utility funds and grants. These projects will facilitate our economic prosperity goals with expansion of our sewer capacity, rehabilitation of airport runways, and general maintenance of our utility infrastructure. Utility infrastructure projects that are shown as already funded include \$48 million in electric substation improvements, \$41 million in water transmission main and sewer main replacements, \$25 million in water plant improvements and \$14 million in stormwater enhancements.

Under the goal of transformative mobility, transportation projects are allocated \$37 million. Projects include Dean Drive, Liberia Avenue, Mathis Avenue and a variety of sidewalk and trail extensions to increase bike and pedestrian safety and mobility. Some funding is allocated towards the completion of ongoing transportation projects like Grant Avenue, Sudley Road and Longstreet Drive.

Community vitality goals are supported by Culture and Recreation projects (\$6 million), which include improvements at Byrd Park, Cedar Crest Park and Stonewall Park. Projects underway include the Museum expansion, Dean Park field development and Annaburg Park enhancements to complement the preservation of the manor house on this site.

General Government and Public Safety projects (\$22 million) are supporting economic vitality and sustainable government goals. In public safety, we have recently completed Fire and Rescue Station #21 and the Public Safety Facility. We will now begin preparations for the replacement of Fire and Rescue Station #1. Two projects to enhance customer service are the City Hall renovations, which are ongoing, and the planning for Social Services' relocation. Funds have been set aside for future economic development projects like the recent purchase of the Olde Towne Inn and historic downtown parking enhancements in support of economic prosperity goals.

A tremendous amount of time and effort have gone into the completion of this planning document and towards maintaining our "AAA" rated bonding capacity that supports 33% (\$71 million) of funding in this CIP. I want to express my appreciation to the staff that are working on the completion of these strategic community project priorities.

Respectfully,

William Patrick Pate
City Manager

CAPITAL IMPROVEMENT PROGRAM CALENDAR

Developing the CIP

Friday, November 4, 2022

Mon.-Fri., December 12-16, 2022

Wednesday, January 18, 2023

Wednesday, February 1, 2023

Department CIP Due

City Manager / Department Meetings

Planning Commission Review

Planning Commission Approval

City Council Work Sessions (Budget & CIP)

Monday, February 27, 2023

Monday, March 6, 2023

Tuesday, March 7, 2023

Wednesday, March 15, 2023

Wednesday, March 22, 2023

Wednesday, March 29, 2023

Wednesday, April 12, 2023

Monday, April 24, 2023

Tuesday, April 25, 2023

Monday, May 8, 2023

Presentation of Proposed Budget & CIP

Budget & CIP Worksession

Budget & CIP Worksession

Budget & CIP Worksession

Budget & CIP Worksession

Schools Budget & CIP Worksession

Budget & CIP Worksession

Public Hearing on Proposed Budget & CIP

Budget & CIP Worksession

Adoption of CIP by Resolution

Staff Preparation
Planning Commission
Presentations or Public Hearings
City Council Worksessions
Adoption

DECEMBER 2022							JANUARY 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3	1	2	3	4	5	6	7
4	5	6	7	8	9	10	8	9	10	11	12	13	14
11	12	13	14	15	16	17	15	16	17	18	19	20	21
18	19	20	21	22	23	24	22	23	24	25	26	27	28
25	26	27	28	29	30	31	29	30	31				

FEBRUARY 2023							MARCH 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4				1	2	3	4
5	6	7	8	9	10	11	5	6	7	8	9	10	11
12	13	14	15	16	17	18	12	13	14	15	16	17	18
19	20	21	22	23	24	25	19	20	21	22	23	24	25
26	27	28					26	27	28	29	30	31	

APRIL 2023							MAY 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1		1	2	3	4	5	6
2	3	4	5	6	7	8	7	8	9	10	11	12	13
9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	31			
30													

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

INTRODUCTION

The **Capital Improvement Program (CIP)** is a multi-year plan for major capital expenditures, such as the construction, reconstruction, renovation, or replacement of a public building or facility or surveys and studies leading to such physical improvements mentioned above. The adoption of the CIP by the City Council is an indication of its support of both the capital projects that the City intends to pursue and a plan for the anticipated levels of financing needed to fund these capital projects over the five-year period. The adoption of the CIP is neither a firm commitment to a particular project nor a limitation to a particular cost. It is a basic tool for prioritizing and scheduling anticipated projects and financing, a key element in planning and managing future debt service requirements.

A capital improvement project should have a cost greater than \$100,000 and a useful life of at least 10 years. Projects that do not meet the \$100,000 and 10-year useful life criteria are considered to be maintenance capital projects, a summary of which is provided at the end of each CIP program area. Capital projects generally require significant engineering design and construction, whereas maintenance capital projects (like road paving and sidewalk replacement) require routine upkeep every few years. These projects are not considered to be part of the Five-Year Capital Improvement Program.

The cost estimates in the CIP are intended to capture the entire estimated project cost, including as applicable, land acquisition, design, negotiated agreements, and construction. The total request for each project is evaluated and, based upon funding, is prioritized to meet the needs of the City. The CIP is updated annually and is subject to change with each update.

CAPITAL IMPROVEMENT PLANNING & POLICIES

The capital improvement program is the result of a detailed planning process. The purpose is to address the City's immediate and long-term capital needs in a conscious effort to best provide services and facilities to the citizens of Manassas. The process begins in October when departments begin their work on the Department Recommended Five-Year CIP. In December, the City Manager meets with department staff to discuss their recommended CIP. The Department Recommended CIP is presented to the Planning Commission in January who provides their recommendation to the City Manager in February. The purpose of the Planning Commission is to ensure that all projects are in conformance with the City's Comprehensive Plan. During this time, the City Manager works closely with the Budget Office to evaluate the feasibility of funding sources and the impact projects will have on the operating budget. In March, the City Manager presents the City Manager Proposed Five-Year CIP to the City Council along with the Proposed Budget. City Council then holds several Budget and CIP work sessions as well as a public hearing during the months of March and April and adopts the CIP along with the budget in May.

The following tasks related to the capital improvement program are outlined in the City's Financial Policies (Policy Statement P-2016-01):

- The City will prioritize all capital improvements in accordance with an adopted capital improvement program.
- The City will develop a five-year plan for capital improvements and review the plan annually.
- The City will coordinate the development of the capital improvement program along with the development of the operating budget.
- The City will use intergovernmental assistance to finance only those capital improvements that are consistent with the capital improvement plan and City priorities.
- The City will maintain all its assets at a level adequate to protect the City's capital investment and to minimize future maintenance and replacement costs.
- The City will identify the estimated costs and potential funding sources for each capital project proposal before it is submitted for approval.
- The City will attempt to determine the least costly and most flexible financing method for all capital projects.

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

PLANNING COMMISSION

The projects contained in the CIP support the goals and objectives outlined in the City's Comprehensive Plan and are intended to establish the long-term spending priorities identified by the City Council. The Planning Commission votes in January or February to recommend approval of the CIP for inclusion in the Operating Budget and Five-Year Capital Improvement Program.

CITY COUNCIL ADOPTION

The City Council adopts the Five-Year Capital Improvement Program in May. The City Council Resolution of adoption is included in the Supplemental Section of this book as well as the Resolution of approval from the City of Manassas Planning Commission. The Manassas City School Board adopts their CIP in March.

Every July 1st, the first year of the CIP is budgeted and appropriated. Once a project budget is established, the budget remains for the life of the project. From time to time, project budgets are amended in accordance to the City's Financial Policies – Policy Statement P-2016-01. When projects are completed, staff closes out the project and transfers remaining balances to other projects as needed. Any funds that are not needed at the time of project closing lapse into fund balance and are available for re-appropriation in the future.

DEBT PLANNING

To improve its bond rating, the City considers the following guidelines in deciding how much City general obligation debt may be issued for the capital improvement program (City's Financial Policies – Policy Statement P-2016-01):

- When the City finances capital improvements by issuing bonds or entering into capital leases, it will repay the debt within a period not to exceed the expected useful life of the project.
- Net debt (any and all debt that is tax supported) as a percentage of the estimated market value of taxable real property shall not exceed 3%.
- Debt service expenditures as a percent of total governmental fund expenditures shall not exceed 15.0%.
- Payout of aggregate outstanding tax-supported debt principal shall be no less than 50% repaid in 10 years.

Pursuant to the Constitution of Virginia (the Constitution) and the City Charter, the City is authorized to issue bonds secured by a pledge of its full faith and credit and unlimited taxing power. There is no requirement in the Constitution, the Virginia Code, or the City Charter that the issuance of general obligation bonds be subject to the approval of voters of the City at referendum. The issuance of general obligation bonds is subject to a constitutional limitation of ten percent (10%) of the assessed value of taxable real property.

IMPACT OF THE CAPITAL IMPROVEMENT PROJECT ON THE OPERATING BUDGET

Debt Service

The annual payment of principal and interest on general obligations bonds used to finance roads, schools, and other major projects is included in the operating budget as a required expenditure. The FY 2024 payment for tax-supported debt service is \$11,959,866 (City General Fund, City Fire Rescue Fund, and Schools). Additionally, FY 2024 payment for debt service supported by the enterprise funds (Sewer, Water, Electric, Stormwater, and Airport) is \$5,600,082. A list of proposed bond issues for the Five-Year CIP is included in this document.

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

Current Revenue and PAYGO

Certain CIP projects are funded directly with City current revenues in order to avoid the costs of borrowing. These amounts are included in the operating budget as specific transfers to capital project funds. The PAYGO funding is an additional amount included in the operating budget as a direct bond offset to reduce the amount of borrowing required for project financing. The FY 2024 PAYGO projects represent a total of \$14,621,000 (General Fund, Enterprise Funds, and Schools).

Other Operating Impacts

The construction of government buildings and facilities usually results in new annual costs for maintenance, utilities, and additional staffing required for facility management and operation. There could also be anticipated savings as a result of a project being completed, such as decreased maintenance costs as a result of a new facility. The project pages published in this document display the estimated operating impacts for individual projects where applicable.

PAYGO FINANCING

In an effort to minimize the impact of issuing debt, the City maintains a commitment to an annual PAYGO capital financing program.

General Fund PAYGO: General Fund PAYGO funding for FY 2024 is \$75,000 for capital projects and \$1,425,000 for maintenance capital projects. These projects include:

Capital Projects

- Fuel Island Upgrade at PW Facility - \$75,000

Maintenance Capital Projects

- Cemetery Improvements - \$375,000
- Candy Factory Improvements - \$150,000
- Park Improvements - \$300,000
- Culvert Maintenance - \$100,000
- Upstream Inspections & Repairs - \$500,000

Sewer Fund PAYGO: Sewer Fund PAYGO funding for FY 2024 is \$2,265,000 for capital projects and \$450,000 for maintenance capital projects. These projects include:

Capital Projects

- Fuel Island Upgrade at PW Facility - \$165,000
- Longstreet Water Line & Sidewalk - \$600,000
- Mathis Avenue - \$1,500,000

Maintenance Capital Projects

- Sewer Main Replacement - \$450,000

Water Fund PAYGO: Water Fund PAYGO funding for FY 2024 is \$1,944,000 for capital projects and \$1,300,000 for maintenance capital projects. These projects include:

Capital Projects

- Fuel Island Upgrade at PW Facility - \$165,000
- 24" Transmission Main Replace - \$1,354,000
- Clear-Well Addition and Roof - \$125,000
- Super Pulsator PLC Replacement - \$300,000

Maintenance Capital Projects

- Main Replacement/Looping - \$400,000
- Water Plant Improvements - \$600,000
- Water Meter AMR Upgrade - \$300,000

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

Electric Fund PAYGO: Electric Fund PAYGO funding for FY 2024 is \$1,280,000 for capital projects and \$2,060,000 for maintenance capital projects. These projects include:

Capital Projects

- Public Works & Utilities Facility - \$300,000
- Fuel Island Upgrade at PW Facility - \$405,000
- LED Streetlight Replacement - \$125,000
- Manassas Airport Distribution - \$450,000

Maintenance Capital Projects

- Electric T&D Maintenance - \$800,000
- Alternative Generation Initiatives - \$300,000
- Place Overhead Lines Under - \$500,000
- Substation Capacity and Reliability - \$350,000
- Distribution Switching Capabilities - \$110,000

Stormwater Fund PAYGO: Stormwater Fund PAYGO funding for FY 2024 is \$625,000 for maintenance projects. These projects include:

Capital Projects

Maintenance Capital Projects

- Floodplain Mapping Program - \$125,000
- Drainage Maint. & Construction - \$500,000

Airport Fund PAYGO: Airport Fund PAYGO funding for FY 2024 is \$14,000 for capital projects and \$183,000 for maintenance capital projects. These projects include:

Capital Projects

Maintenance Capital Projects

- Fuel Farm Upgrade - \$10,000
- Rehab of Runway 16L/34R - \$4,000

- Airfield Paving Program - \$58,000
- Air Traffic Control Tower Repairs - \$50,000
- Airfield Marking - \$10,000
- Security Equipment Replacement - \$50,000
- Equipment Storage Building - \$15,000

School Fund PAYGO: School Fund PAYGO funding for FY 2024 is \$3,000,000 for capital projects. The school does not classify projects as maintenance capital projects. The School Fund PAYGO projects include:

Capital Projects

- District Wide Trailers - \$200,000
- District Wide Tech Upgrades - \$200,000
- District Wide Bus Additions - \$125,000
- Osbourn Roof Replacement - \$1,000,000
- Metz Fire Alarm System - \$575,000
- Haydon Windows/Doors - \$200,000
- Round Windows/Doors - \$200,000
- Round Parking Lot Replacement - \$500,000

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

The capital budget summary shown below of \$29,499,000 is the first year (FY 2024) of the five-year capital improvement program. This is a \$44,346,000 decrease or -60.1% compared to the first-year of the previous year's (FY 2023) total. Below is a breakdown of expenditures by program and funding by source for the first year.

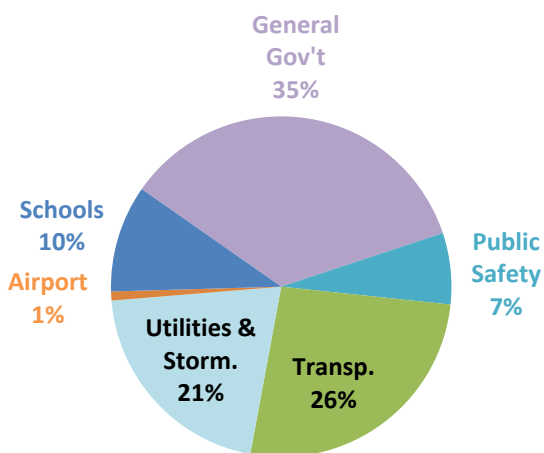
Expenditure by Program (FY 2024)

General Government	10,375,000
Culture & Recreation	-
Public Safety	2,000,000
Transportation	7,740,000
Sewer	-
Water	2,480,000
Electric	575,000
Stormwater	3,079,000
Airport	250,000
Schools	3,000,000
Total FY 2024	\$ 29,499,000

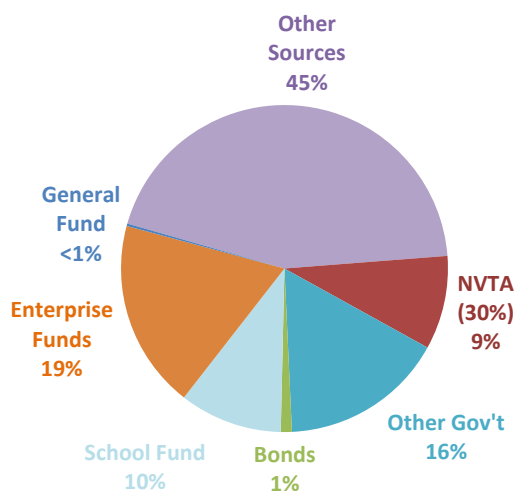
Funding by Source (FY 2024)

General Fund	75,000
Sewer Fund	2,265,000
Water Fund	1,944,000
Electric Fund	1,280,000
Stormwater Fund	-
Airport Fund	14,000
School Funds	3,000,000
Bonds	326,000
State & Federal	4,788,000
NVTA 30% & Other	15,807,000
Total FY 2024	\$ 29,499,000

FY 2024 Five-Year CIP
First Year - Projects by Program



FY 2024 Five-Year CIP
First Year - Projects by Funding Source



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	32,073	7,740	6,580	8,485	6,027	8,690	2,978	72,573	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
Total Cost:	206,577	29,499	55,823	98,483	15,527	15,090	99,613	520,612	214,422

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	5,677	1,280	550	1,050	-	-	1,200	9,757	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
Total Funding:	206,577	29,499	55,823	98,483	15,527	15,090	99,613	520,612	214,422

CAPITAL PROJECTS LISTING

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
General Government									
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	-
Program Total:	17,167	10,375	9,368	-	-	-	26,045	62,955	19,743
Culture & Recreation									
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
Program Total:	13,780	-	-	6,550	-	-	4,300	24,630	6,550
Public Safety									
Animal Shelter Improvements	130	-	-	-	-	-	-	130	-
Fire/Rescue Station 1	-	-	-	-	-	-	29,790	29,790	-
Police Radio System Upgrade	-	2,000	-	-	-	-	-	2,000	2,000
Program Total:	130	2,000	-	-	-	-	29,790	31,920	2,000
Transportation									
Sudley Road Third Lane	8,005	1,815	-	-	-	-	-	9,820	1,815
Grant Avenue (Lee Avenue to Welli	12,935	893	-	-	-	-	-	13,828	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
Program Total:	32,073	7,740	6,580	8,485	6,027	8,690	2,978	72,573	37,522
Sewer									
Upper Flat Branch Interceptor Repl	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	-
Program Total:	7,465	-	29,100	2,000	-	-	-	38,565	31,100
Water									
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
Program Total:	61,092	2,480	-	400	900	900	-	65,772	4,680
Electric									
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	-
Program Total:	49,280	575	550	-	-	-	-	50,405	1,125
Stormwater									
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 Retrofi	-	-	-	2,300	-	-	-	2,300	2,300
New Britain Regional Pond Retrofit	2,800	-	-	-	-	-	-	2,800	-
Stonewall Park Stormwater Enhanc	1,000	-	-	-	-	-	-	1,000	-
Program Total:	13,920	3,079	75	13,675	600	-	-	31,349	17,429
Airport									
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 Taxiway B with Lighting Syst	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 Redevelopmen	-	-	-	200	-	-	-	200	200
Design Construct Taxilane X-Ray	-	-	200	-	2,000	-	-	2,200	2,200
Program Total:	11,670	250	7,150	4,875	5,000	2,500	33,500	64,945	19,775
Schools									
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 Refur	-	-	-	-	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 Replacem	-	200	-	-	-	-	-	200	200
Round - Window/Door Replaceme	-	200	-	-	-	-	-	200	200
Round - Parking Lot Replacement	-	500	-	-	-	-	-	500	500
New Dean - Building Replacement	-	-	475	62,173	-	-	-	62,648	62,648
Program Total:	-	3,000	3,000	62,498	3,000	3,000	3,000	77,498	74,498
CIP Total:	206,577	29,499	55,823	98,483	15,527	15,090	99,613	520,612	214,422

CAPITAL IMPROVEMENT PROGRAM FUNDING

SOURCE/DESCRIPTION

General Fund (PAYGO)

The General Fund is funded by revenues as general property taxes, other local taxes, permits, fees, licenses, fines and forfeitures, charges for service, and aid from the state and federal governments. The contribution to the five-year CIP for the General Fund is approved as part of the General Fund operating budget. Occasionally, reserves that have been set aside in the General Fund for capital are used to fund projects.

Sewer Fund, Water Fund, Electric Fund, Stormwater Fund, and Airport Fund (PAYGO)

These funds are all enterprise funds. Enterprise funds account for operations that are financed and operated in a manner similar to private business enterprises, where the intent is that the costs of providing goods or services be financed or recovered primarily through user charges.

School Fund (PAYGO)

The Manassas City Public Schools (MCPS) is a component unit of the City of Manassas. The Schools fund their own capital program.

Bonds

Bonds are a type of security sold to finance capital improvement projects to spread the construction cost of a facility over time, such that those who benefit from it over time also assist in funding it. For any projects to be funded with bonds, debt service is included as an operating cost. All of the City's debt is general obligation bonds.

State and Federal

Funds from these sources are from the Commonwealth and/or the Federal government. Various agencies are responsible for funding in the different program areas. For example, the Federal Aviation Administration is generally the federal funding for Airport projects.

Northern Virginia Transportation Authority

The Northern Virginia Transportation Authority collects a percentage of sales tax on behalf of the jurisdictions in Northern Virginia for the sole purpose of transportation improvements. Of these collections, 30% of the revenue is returned to the locality on a monthly basis. In order to receive the full 30% funds, jurisdictions must either assess a 12.5 cent Commercial & Industrial tax or raise an equivalent amount of money and dedicate said funds to eligible transportation improvements.

Other Sources

Other funding sources may include: the use of proffers/cash in lieu, 70% NVTa funding, contributions from other governments, donations, proceeds from land sales or use of funds from closed projects.

GENERAL FUND FUNDING BY CAPITAL PROJECT

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
General Government									
City Hall	5,267	-	-	-	-	-	-	5,267	-
Public Works & Utilities Facility	280	-	-	-	-	-	1,300	1,580	-
Fuel Island Upgrade at Public	-	75	-	-	-	-	-	75	75
Building Maintenance Shop Facility	-	-	-	-	-	-	1,760	1,760	-
Program Total:	5,547	75	-	-	-	-	3,060	8,682	75
Culture & Recreation									
Dean Park	264	-	-	-	-	-	-	264	-
Annaburg Manor	50	-	-	-	-	-	-	50	-
Program Total:	314	-	-	-	-	-	-	314	-
Public Safety									
Animal Shelter Improvements	130	-	-	-	-	-	-	130	-
Program Total:	130	-	-	-	-	-	-	130	-
Total General Fund	5,991	75	-	-	-	-	3,060	9,126	75

SEWER FUND FUNDING BY CAPITAL PROJECT

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
General Government									
Public Works & Utilities Facility	282	-	-	-	-	-	1,450	1,732	-
Fuel Island Upgrade at Public	-	165	-	-	-	-	-	165	165
Program Total:	282	165	-	-	-	-	1,450	1,897	165
Transportation									
Grant Avenue (Lee Avenue to	680	-	-	-	-	-	-	680	-
Dean Drive (Animal Shelter to	-	-	-	980	-	-	-	980	980
Longstreet Water Line & Sidewalk	-	600	-	-	-	-	-	600	600
Mathis Avenue	-	1,500	-	-	-	-	-	1,500	1,500
Program Total:	680	2,100	-	980	-	-	-	3,760	3,080
Sewer									
Upper Flat Branch Interceptor	2,520	-	-	2,000	-	-	-	4,520	2,000
Sewer Capacity Expansion	900	-	-	-	-	-	-	900	-
Program Total:	3,420	-	-	2,000	-	-	-	5,420	2,000
Total Sewer Fund	4,382	2,265	-	2,980	-	-	1,450	11,077	5,245

WATER FUND FUNDING BY CAPITAL PROJECT

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
General Government									
Public Works & Utilities Facility	168	-	-	-	-	-	1,500	1,668	-
Fuel Island Upgrade at Public	-	165	-	-	-	-	-	165	165
Program Total:	168	165	-	-	-	-	1,500	1,833	165
Transportation									
Grant Avenue (Lee Avenue to	2,346	-	-	-	-	-	-	2,346	-
Program Total:	2,346	-	-	-	-	-	-	2,346	-
Sewer									
Upper Flat Branch Interceptor	210	-	-	-	-	-	-	210	-
Program Total:	210	-	-	-	-	-	-	210	-
Water									
24" Transmission Main	8,130	1,354	-	-	-	-	-	9,484	1,354
Clear-Well Addition and Roof	3,550	125	-	-	-	-	-	3,675	125
Nokesville Road Water Main	1,300	-	-	-	-	-	-	1,300	-
Super Pulsator PLC Replacement	-	300	-	-	-	-	-	300	300
Dry Storage Structure (Pole Barn)	-	-	-	200	400	400	-	1,000	1,000
Conventional Filter Underdrain	-	-	-	200	500	500	-	1,200	1,200
Program Total:	12,980	1,779	-	400	900	900	-	16,959	3,979
Total Water Fund	15,704	1,944	-	400	900	900	1,500	21,348	4,144

ELECTRIC FUND FUNDING BY CAPITAL PROJECT

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
General Government									
City Hall	280	-	-	-	-	-	-	280	-
Public Works & Utilities Facility	730	300	-	-	-	-	1,200	2,230	300
Fuel Island Upgrade at Public	-	405	-	-	-	-	-	405	405
Program Total:	1,010	705	-	-	-	-	1,200	2,915	705
Transportation									
Grant Avenue (Lee Avenue to	2,087	-	-	-	-	-	-	2,087	-
Dean Drive (Animal Shelter to	-	-	-	1,050	-	-	-	1,050	1,050
Program Total:	2,087	-	-	1,050	-	-	-	3,137	1,050
Electric									
New Fiber Optic Loop/Ring	505	-	-	-	-	-	-	505	-
LED Streetlight Replacement	700	125	100	-	-	-	-	925	225
Manassas Airport Distribution	1,325	450	-	-	-	-	-	1,775	450
Distribution Facility Relocations (Pr	50	-	450	-	-	-	-	500	450
Program Total:	2,580	575	550	-	-	-	-	3,705	1,125
Total Electric Fund	5,677	1,280	550	1,050	-	-	1,200	9,757	2,880

STORMWATER FUND FUNDING BY CAPITAL PROJECT

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Stormwater									
Euclid/Sills Warehouse Pond	186	-	-	-	-	-	-	186	-
Public Facilities Stormwater	-	-	75	75	600	-	-	750	750
Round Elementary Pond Retrofit &	14	-	-	-	-	-	-	14	-
Oakenshaw Regional Ponds	-	-	-	2,300	-	-	-	2,300	2,300
Program Total:	200	-	75	2,375	600	-	-	3,250	3,050
Total Stormwater Fund	200	-	75	2,375	600	-	-	3,250	3,050

AIRPORT FUND FUNDING BY CAPITAL PROJECT

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Airport									
Air Traffic Control Tower	30	-	-	-	-	-	-	30	-
Fuel Farm Upgrade	-	10	10	100	-	-	-	120	120
Taxiway A Rehabilitation with	69	-	-	-	-	-	-	69	-
North East Apron Expansion	-	-	-	-	-	-	44	44	-
Rehab Taxiway B with Lighting	108	-	-	-	-	-	-	108	-
Terminal Parking Lot Expansion	-	-	-	-	-	-	220	220	-
Installation of Backup Generators	-	-	-	-	-	-	110	110	-
West Corporate Development Site	1,900	-	-	-	-	-	-	1,900	-
Rehabilitation of Runway 16L/34R	12	4	130	70	-	-	-	216	204
East Apron Rehabilitation	-	-	8	-	60	50	-	118	118
Runway 16L/34R Extension	-	-	-	5	-	-	70	75	5
South East Airport Complex Site	-	-	-	8	-	-	146	154	8
South West Hangar	-	-	-	40	-	-	-	40	40
Design Construct Taxilane X-Ray	-	-	4	-	40	-	-	44	44
Program Total:	2,119	14	152	223	100	50	590	3,248	539
Total Airport Fund	2,119	14	152	223	100	50	590	3,248	539

SCHOOL FUND FUNDING BY CAPITAL PROJECT

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Schools									
District Wide - Classroom Trailers	-	200	200	-	-	250	250	900	650
District Wide - Technology	-	200	200	200	200	200	200	1,200	1,000
District Wide - School Bus	-	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	-	-	1,000	-	-	-	-	1,000	1,000
Osborn - Window/Door	-	-	-	-	275	275	-	550	550
Osborn - Turf Field Installation	-	-	-	-	-	-	2,425	2,425	-
Osborn - Concession Stand	-	-	-	-	400	-	-	400	400
Metz - Restroom Refurbishments	-	-	-	-	500	-	-	500	500
Metz - Window/Door Replacement	-	-	-	-	-	275	-	275	275
Metz - Fire Alarm System	-	575	-	-	-	-	-	575	575
Metz - Turf Field Installation	-	-	-	-	500	1,875	-	2,375	2,375
Haydon - Window/Door	-	200	-	-	-	-	-	200	200
Round - Window/Door	-	200	-	-	-	-	-	200	200
Round - Parking Lot Replacement	-	500	-	-	-	-	-	500	500
New Dean - Building Replacement	-	-	475	2,675	-	-	-	3,150	3,150
Program Total:	-	3,000	3,000	3,000	3,000	3,000	3,000	18,000	15,000
Total School Fund	-	3,000	3,000	3,000	3,000	3,000	3,000	18,000	15,000

BONDS FUNDING BY CAPITAL PROJECT

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
General Government									
City Hall	10,160	-	-	-	-	-	-	10,160	-
Public Works & Utilities Facility	-	-	-	-	-	-	7,800	7,800	-
Program Total:	10,160	-	-	-	-	-	7,800	17,960	-
Culture & Recreation									
Dean Park	240	-	-	-	-	-	-	240	-
Annaburg Manor	-	-	-	-	-	-	4,300	4,300	-
Program Total:	240	-	-	-	-	-	4,300	4,540	-
Public Safety									
Fire/Rescue Station 1	-	-	-	-	-	-	29,790	29,790	-
Program Total:	-	-	-	-	-	-	29,790	29,790	-
Transportation									
Grant Avenue (Lee Avenue to	4,000	-	-	-	-	-	-	4,000	-
Longstreet Water Line & Sidewalk	3,800	-	-	-	-	-	-	3,800	-
Mathis Avenue	1,500	-	-	-	-	-	-	1,500	-
Program Total:	9,300	-	-	-	-	-	-	9,300	-
Sewer									
Airport Infrastructure	3,800	-	-	-	-	-	-	3,800	-
Program Total:	3,800	-	-	-	-	-	-	3,800	-
Water									
24" Transmission Main	10,416	-	-	-	-	-	-	10,416	-
Finished Water Capacity Increases	7,600	-	-	-	-	-	-	7,600	-
Clear-Well Addition and Roof	5,396	51	-	-	-	-	-	5,447	51
Surge Tank Expansion	2,000	-	-	-	-	-	-	2,000	-
Program Total:	25,412	51	-	-	-	-	-	25,463	51
Stormwater									
Euclid/Sills Warehouse Pond	584	-	-	-	-	-	-	584	-
Sumner Lake Stream Restoration	-	-	-	4,900	-	-	-	4,900	4,900
Winters Branch Pond	450	-	-	-	-	-	-	450	-
Lucasville Regional Pond Retrofit	146	-	-	-	-	-	-	146	-
Cannon Branch/Flat Branch	-	-	-	6,400	-	-	-	6,400	6,400
Battle/Ewell/West Street Drainage	-	275	-	-	-	-	-	275	275
Stonewall Park Stormwater	1,000	-	-	-	-	-	-	1,000	-
Program Total:	2,180	275	-	11,300	-	-	-	13,755	11,575
Airport									
Air Traffic Control Tower	-	-	-	-	-	-	18,850	18,850	-
Program Total:	-	-	-	-	-	-	18,850	18,850	-

BONDS FUNDING BY CAPITAL PROJECT

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Schools									
New Dean - Building Replacement	-	-	-	59,498	-	-	-	59,498	59,498
Program Total:	-	-	-	59,498	-	-	-	59,498	59,498
Total Bonds	51,092	326	-	70,798	-	-	60,740	182,956	71,124

STATE FUNDING BY CAPITAL PROJECT

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Transportation									
Sudley Road Third Lane	1,601	130	-	-	-	-	-	1,731	130
Grant Avenue (Lee Avenue to	2,796	893	-	-	-	-	-	3,689	893
Dean Drive (Animal Shelter to	-	-	-	220	165	200	136	721	585
Stonewall Park Trail Extension	-	-	140	55	115	-	-	310	310
Traffic Signal Span Wire to Mast	174	-	-	-	-	-	-	174	-
Mathis Avenue	-	-	-	-	1,485	1,485	-	2,970	2,970
Dumfries Road Sidewalk Infill	-	200	-	-	-	-	-	200	200
Sudley Sidewalk	-	-	745	855	-	-	-	1,600	1,600
Program Total:	4,571	1,223	885	1,130	1,765	1,685	136	11,395	6,688
Stormwater									
Liberia Stream Restoration	-	1,300	-	-	-	-	-	1,300	1,300
Round Elementary Pond Retrofit &	-	1,504	-	-	-	-	-	1,504	1,504
Lucasville Regional Pond Retrofit	774	-	-	-	-	-	-	774	-
Program Total:	774	2,804	-	-	-	-	-	3,578	2,804
Airport									
Air Traffic Control Tower	121	-	-	-	-	-	-	121	-
Fuel Farm Upgrade	-	40	40	400	-	-	-	480	480
Taxiway A Rehabilitation with	275	-	-	-	-	-	-	275	-
North East Apron Expansion	-	-	-	-	-	-	176	176	-
Rehab Taxiway B with Lighting	432	-	-	-	-	-	-	432	-
Terminal Parking Lot Expansion	-	-	-	-	-	-	880	880	-
Installation of Backup Generators	-	-	-	-	-	-	440	440	-
Rehabilitation of Runway 16L/34R	48	16	520	280	-	-	-	864	816
East Apron Rehabilitation	-	-	32	-	240	200	-	472	472
Runway 16L/34R Extension	-	-	-	22	-	-	280	302	22
South East Airport Complex Site	-	-	-	32	-	-	584	616	32
South West Hangar	-	-	-	160	-	-	-	160	160
Design Construct Taxilane X-Ray	-	-	16	-	160	-	-	176	176
Program Total:	876	56	608	894	400	200	2,360	5,394	2,158
Total State	6,221	4,083	1,493	2,024	2,165	1,885	2,496	20,367	11,650

FEDERAL FUNDING BY CAPITAL PROJECT

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Culture & Recreation									
Dean Park	8,860	-	-	-	-	-	-	8,860	-
Program Total:	8,860	-	-	-	-	-	-	8,860	-
Transportation									
Sudley Road Third Lane	6,404	525	-	-	-	-	-	6,929	525
Dean Drive (Animal Shelter to	-	-	-	890	655	800	542	2,887	2,345
Stonewall Park Trail Extension	-	-	555	215	455	-	-	1,225	1,225
Traffic Signal Span Wire to Mast	695	-	-	-	-	-	-	695	-
Wellington Road Shared-Use Path	638	-	-	-	-	-	-	638	-
Program Total:	7,737	525	555	1,105	1,110	800	542	12,374	4,095
Water									
24" Transmission Main	16,000	-	-	-	-	-	-	16,000	-
Screw Press Decant	6,700	-	-	-	-	-	-	6,700	-
Program Total:	22,700	-	-	-	-	-	-	22,700	-
Stormwater									
Liberia Stream Restoration	1,947	-	-	-	-	-	-	1,947	-
Round Elementary Pond Retrofit &	4,300	-	-	-	-	-	-	4,300	-
New Britain Regional Pond Retrofit	2,800	-	-	-	-	-	-	2,800	-
Program Total:	9,047	-	-	-	-	-	-	9,047	-
Airport									
Taxiway A Rehabilitation with	3,097	-	-	-	-	-	-	3,097	-
North East Apron Expansion	-	-	-	-	-	-	1,980	1,980	-
Rehab Taxiway B with Lighting	5,038	-	-	-	-	-	-	5,038	-
Rehabilitation of Runway 16L/34R	540	180	5,850	3,150	-	-	-	9,720	9,180
East Apron Rehabilitation	-	-	360	-	2,700	2,250	-	5,310	5,310
Runway 16L/34R Extension	-	-	-	248	-	-	3,150	3,398	248
South East Airport Complex Site	-	-	-	360	-	-	6,570	6,930	360
Design Construct Taxilane X-Ray	-	-	180	-	1,800	-	-	1,980	1,980
Program Total:	8,675	180	6,390	3,758	4,500	2,250	11,700	37,453	17,078
Total Federal	57,019	705	6,945	4,863	5,610	3,050	12,242	90,434	21,173

NVTA FUNDING BY CAPITAL PROJECT

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Transportation									
Grant Avenue (Lee Avenue to	900	-	-	-	-	-	-	900	-
Dean Drive (Animal Shelter to	-	-	-	585	392	-	-	977	977
Stonewall Park Trail Extension	-	250	-	465	-	-	-	715	715
Traffic Signal Span Wire to Mast	-	532	-	-	-	-	-	532	532
Longstreet Water Line & Sidewalk	1,750	-	-	-	-	-	-	1,750	-
Roundabout Sudley/Centreville	425	625	-	-	-	-	-	1,050	625
Mathis Avenue	1,677	420	420	420	860	860	-	4,657	2,980
Wellington Road Shared-Use Path	292	190	-	-	-	-	-	482	190
Dumfries Road Sidewalk Infill	-	230	-	-	-	-	-	230	230
Sudley Sidewalk	-	485	745	1,140	-	-	-	2,370	2,370
Program Total:	5,044	2,732	1,165	2,610	1,252	860	-	13,663	8,619
Total NVTA	5,044	2,732	1,165	2,610	1,252	860	-	13,663	8,619

OTHER SOURCES FUNDING BY CAPITAL PROJECT

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
General Government									
Future Economic Development	-	6,000	-	-	-	-	-	6,000	6,000
City Hall Annex	-	-	-	-	-	-	11,035	11,035	-
City Hall / Downtown Parking	-	3,000	9,368	-	-	-	-	12,368	12,368
Fuel Island Upgrade at Public	-	265	-	-	-	-	-	265	265
Program Total:	-	9,265	9,368	-	-	-	11,035	29,668	18,633
Culture & Recreation									
Dean Park	250	-	-	-	-	-	-	250	-
Byrd Park	-	-	-	1,800	-	-	-	1,800	1,800
Annaburg Manor	4,116	-	-	-	-	-	-	4,116	-
Cedar Crest Park	-	-	-	500	-	-	-	500	500
Stonewall Park	-	-	-	4,250	-	-	-	4,250	4,250
Program Total:	4,366	-	-	6,550	-	-	-	10,916	6,550
Public Safety									
Police Radio System Upgrade	-	2,000	-	-	-	-	-	2,000	2,000
Program Total:	-	2,000	-	-	-	-	-	2,000	2,000
Transportation									
Sudley Road Third Lane	-	1,160	-	-	-	-	-	1,160	1,160
Grant Avenue (Lee Avenue to	126	-	-	-	-	-	-	126	-
Liberia Avenue	-	-	-	1,610	1,900	5,345	-	8,855	8,855
Roundabout Sudley/Centreville	-	-	3,975	-	-	-	-	3,975	3,975
Wellington Road Shared-Use Path	31	-	-	-	-	-	-	31	-
Wakeman Tract Pond Trail	-	-	-	-	-	-	2,300	2,300	-
Dumfries Road Sidewalk Infill	151	-	-	-	-	-	-	151	-
Program Total:	308	1,160	3,975	1,610	1,900	5,345	2,300	16,598	13,990
Sewer									
Upper Flat Branch Interceptor	35	-	-	-	-	-	-	35	-
Sewer Capacity Expansion	-	-	29,100	-	-	-	-	29,100	29,100
Program Total:	35	-	29,100	-	-	-	-	29,135	29,100
Water									
Clear-Well Addition and Roof	-	650	-	-	-	-	-	650	650
Program Total:	-	650	-	-	-	-	-	650	650
Electric									
AWS/BCG Substation	43,700	-	-	-	-	-	-	43,700	-
Lockheed Substation	3,000	-	-	-	-	-	-	3,000	-
Program Total:	46,700	-	-	-	-	-	-	46,700	-
Stormwater									
Euclid/Sills Warehouse Pond	89	-	-	-	-	-	-	89	-

OTHER SOURCES FUNDING BY CAPITAL PROJECT

(\$ in Thousands)

	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Winters Branch Pond	600	-	-	-	-	-	-	600	-
Lucasville Regional Pond Retrofit	1,030	-	-	-	-	-	-	1,030	-
Program Total:	1,719	-	-	-	-	-	-	1,719	-
Total Other Sources	53,128	13,075	42,443	8,160	1,900	5,345	13,335	137,386	70,923

FY 2024 Land Sale Funded Projects Total: \$3,000,000

- City Hall / Downtown Parking: \$3,000,000

FY 2024 Use of Reserves Funding Projects Total: \$8,000,000

- Future Economic Development: \$6,000,000

- Police Radio System Upgrade: \$2,000,000

FY 2024 Private Contributions Funded Projects Total: \$1,810,000

- Sudley Road Third Lane: \$1,160,000

- Clear-Well Addition and Roof Replacement: \$650,000

FY 2024 Closed Projects Savings Funded Projects Total: \$265,000

- Fuel Island Upgrade at Public Works/Utilities Facility: \$265,000

FY 2024 CAPITAL PROJECTS

(\$ in Thousands)

FY 2024

General Government		
G-000	Future Economic Development	6,000
G-020	Public Works & Utilities Facility	300
G-024	City Hall / Downtown Parking	3,000
G-026	Fuel Island Upgrade at Public Works/Utilities Facility	1,075
	Program Total:	10,375
Public Safety		
P-027	Police Radio System Upgrade	2,000
	Program Total:	2,000
Transportation		
T-015	Sudley Road Third Lane	1,815
T-021	Grant Avenue (Lee Avenue to Wellington Road)	893
T-052	Stonewall Park Trail Extension	250
T-079	Traffic Signal Span Wire to Mast Arms	532
T-084	Longstreet Water Line & Sidewalk	600
T-085	Roundabout Sudley/Centreville	625
T-086	Mathis Avenue	1,920
T-088	Wellington Road Shared-Use Path Gap	190
T-093	Dumfries Road Sidewalk Infill	430
T-094	Sudley Sidewalk	485
	Program Total:	7,740
Water		
W-042	24" Transmission Main Replacement	1,354
W-065	Clear-Well Addition and Roof Renovation	826
W-079	Super Pulsator PLC Replacement	300
	Program Total:	2,480
Electric		
E-034	LED Streetlight Replacement	125
E-035	Manassas Airport Distribution Improvements	450
	Program Total:	575
Stormwater		
D-027	Liberia Stream Restoration	1,300
D-036	Round Elementary Pond Retrofit & Stream Restoration	1,504
D-041	Battle/Ewell/West Street Drainage Improvements	275
	Program Total:	3,079
Airport		
A-045	Fuel Farm Upgrade	50
A-091	Rehabilitation of Runway 16L/34R	200
	Program Total:	250

FY 2024 CAPITAL PROJECTS

(\$ in Thousands)

FY 2024

Schools		
0101	District Wide - Classroom Trailers	200
0102	District Wide - Technology Upgrades	200
0105	District Wide - School Bus Additions	125
0417	Osborn - Roof Replacement	1,000
0514	Metz - Fire Alarm System Replacement	575
0905	Haydon - Window/Door Replacement	200
1007	Round - Window/Door Replacement	200
1008	Round - Parking Lot Replacement	500
	Program Total:	3,000
	Total	29,499

FY 2024 CAPITAL PROJECTS

(\$ in Thousands)

Funding Sources	FY 2024
General Fund	75
Sewer Fund	2,265
Water Fund	1,944
Electric Fund	1,280
Stormwater Fund	-
Airport Fund	14
School Fund	3,000
Bonds	326
State	4,083
Federal	705
NVTA	2,732
Other Sources	13,075
	Total: 29,499

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	2,313	455	465	500	360	580	35	4,708	2,360
Total Cost:	36,515	7,485	7,280	6,685	7,145	6,865	335	72,310	35,460

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	528	183	165	151	72	116	7	1,222	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
Total Funding:	36,515	7,485	7,280	6,685	7,145	6,865	335	72,310	35,460

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
General Government									
Cemetery Improvements	-	375	-	-	-	-	-	375	375
Building Lighting Upgrades	-	420	-	-	-	-	-	420	420
Program Total:	-	795	-	-	-	-	-	795	795
Culture & Recreation									
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
Program Total:	2,618	450	660	300	710	300	-	5,038	2,420
Transportation									
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
Program Total:	4,922	850	1,330	850	850	1,050	-	9,852	4,930
Sewer									
Sewer Main Replacement	1,133	450	450	450	450	450	-	3,383	2,250
Program Total:	1,133	450	450	450	450	450	-	3,383	2,250
Water									
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
Program Total:	7,553	1,300	1,300	1,400	1,700	1,300	300	14,853	7,000
Electric									
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)

Program Total:	13,582	2,060	1,950	2,060	1,950	2,060	-	23,662	10,080
Stormwater									
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
Program Total:	4,394	1,125	1,125	1,125	1,125	1,125	-	10,019	5,625
Airport									
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	83	50	40	15	-	-	-	188	105
Terminal Building Improvements	35	-	20	75	-	-	-	130	95
Equipment Storage Building	-	15	30	30	-	-	-	75	75
Program Total:	2,313	455	465	500	360	580	35	4,708	2,360
Total Costs	36,515	7,485	7,280	6,685	7,145	6,865	335	72,310	35,460

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.

Funding Sources	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
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	528	183	165	151	72	116	7	1,222	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
Total Funding:	36,515	7,485	7,280	6,685	7,145	6,865	335	72,310	35,460

FY 2024 MAINTENANCE CAPITAL PROJECTS

(\$ in Thousands)

FY 2024

General Government		
G-028	Cemetery Improvements	375
G-029	Building Lighting Upgrades	420
		795
Culture & Recreation		
C-010	Candy Factory Improvements	150
C-031	Park Improvements	300
		450
Transportation		
T-058	Sidewalk & Bicycle Infill	250
T-064	Traffic Signal Coordination & Upgrades	300
T-090	Project Development	200
T-092	Culvert Maintenance	100
		850
Sewer		
S-023	Sewer Main Replacement	450
		450
Water		
W-050	Main Replacement / Looping	400
W-070	Water Plant Improvements	600
W-078	Water Meter AMR Upgrade	300
		1,300
Electric		
E-030	Electric T&D Maintenance and Improvements	800
E-031	Alternative Generation Initiatives	300
E-033	Place Overhead Lines Underground (Non-Transportation)	500
E-037	Substation Capacity and Reliability Improvements	350
E-038	Distribution Switching Capabilities Improvements	110
		2,060
Stormwater		
D-030	Floodplain Mapping Update Program	125
D-035	Drainage Maintenance & Construction	500
D-038	Upstream Inspections & Repairs	500
		1,125
Airport		
A-084	Airfield Paving Program	290
A-088	Air Traffic Control Tower Repairs	50
A-100	Airfield Marking	50
A-104	Security Equipment Replacement Program	50

FY 2024 MAINTENANCE CAPITAL PROJECTS

(\$ in Thousands)

		FY 2024
A-106	Equipment Storage Building Upgrades	15
		455
	Total	7,485

FY 2024 MAINTENANCE CAPITAL PROJECTS

(\$ in Thousands)

Funding Sources	FY 2024
General Fund	1,425
Sewer Fund	450
Water Fund	1,300
Electric Fund	2,060
Stormwater Fund	625
Airport Fund	183
School Fund	-
Bonds	-
State	272
Federal	-
NVTA	750
Other Sources	420
Total:	7,485

GENERAL GOVERNMENT PROGRAM

The General Government Program is administered by the Public Works Department. The program includes maintenance and construction of general government buildings including City Hall and the Public Works & Utilities Facility.

PRIOR YEAR ACCOMPLISHMENTS

Building Automation System (G-025)
Completed installation HVAC automation systems to existing city facilities including the Train Depot, Animal Shelter, Harris Pavilion, Old Town Hall, and the Public Works complex.

City Hall Renovations/Improvements (G-016)
Continued renovations to City Hall.

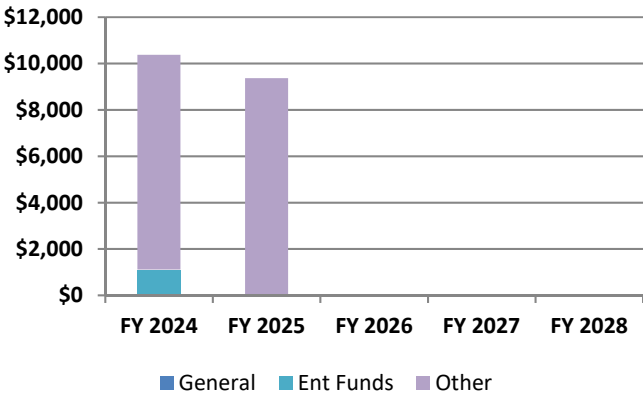


Marvin L. Gillum City Hall

THE FIVE-YEAR PLAN (FY 2024 – FY 2028)

The FY 2024 Five-Year Capital Improvement Program (CIP) includes a \$75,000 transfer from the General Fund; \$1,035,000 in Enterprise Fund Contributions; and \$18,633,000 in Other Sources.

FY 2024 funding consists of a \$75,000 transfer from the General Fund; \$1,035,000 in Enterprise Fund Contributions; and \$9,265,000 in Other Sources.



(Dollars in Thousands)

FY 2024 CAPITAL PROJECTS

Public Works & Utilities Facility (G-020)
Construct an expansion to the existing radio shop located at the Public Works & Utilities Facility

City Hall / Downtown Parking (G-024)
Begin design for structured parking to serve the facility and provide additional public parking on the north side of the Downtown.

Fuel Island Upgrade at Public Works Facility (G-026)
Replace three underground fuel storage tanks and dispensers to increase capacity of fuel storage and modernize monitoring systems.

FY 2024 MAINTENANCE CAPITAL PROJECTS

Maintenance capital projects for FY 2024 include improvements to the cemetery fence and wall as well as lighting upgrades in all existing City facilities.

NEW CAPITAL PROJECTS

There are no new projects in the General Government program.

SUMMARY OF GENERAL GOVERNMENT CAPITAL PROJECTS

(\$ in Thousands)

Cost Estimates	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Planning	750	110	1,165	-	-	-	2,440	4,465	1,275
Land	-	3,000	-	-	-	-	-	3,000	3,000
Construction	16,417	7,265	8,203	-	-	-	23,605	55,490	15,468
Total Cost:	17,167	10,375	9,368	-	-	-	26,045	62,955	19,743

Funding Sources

General Fund	5,547	75	-	-	-	-	3,060	8,682	75
Sewer Fund	282	165	-	-	-	-	1,450	1,897	165
Water Fund	168	165	-	-	-	-	1,500	1,833	165
Electric Fund	1,010	705	-	-	-	-	1,200	2,915	705
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	10,160	-	-	-	-	-	7,800	17,960	-
State	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	9,265	9,368	-	-	-	11,035	29,668	18,633
Total Funding:	17,167	10,375	9,368	-	-	-	26,045	62,955	19,743

Operating Impacts

Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Revenue	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	(8,580)	(8,580)	-
Net Revenue:	-	-	-	-	-	-	(8,580)	(8,580)	-

GENERAL GOVERNMENT CAPITAL PROJECT LISTING

(\$ in Thousands)

Project Name:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
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	-	1,075	-	-	-	-	-	1,075	1,075
Building Maintenance Shop Facility	-	-	-	-	-	-	1,760	1,760	-
Total:	17,167	10,375	9,368	-	-	-	26,045	62,955	19,743

G-016 City Hall

Year Introduced: 2014
Change: Timeline
Associated Proj: G-023
Program Area: General Government
Managing Dept: Public Works
Manager: S. Horan
Plan Conformance: CFI 7.1.1; CFI 7.1.8;

Est. Start: 07/01/2015
Est. Comp: 03/29/2024



Description:

Improvements to City Hall include an unoccupied renovation/modernization of the facility in FY23 and FY24 including the full interior renovation of each floor and basement, replacement of all building mechanical systems, and exterior improvements including new windows. Modernization will meet all ADA requirements.

Status: Construction

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	750	-	-	-	-	-	-	750
Land	-	-	-	-	-	-	-	-
Construction	14,957	-	-	-	-	-	-	14,957
Total Cost:	15,707	-	-	-	-	-	-	15,707

Funding Sources:

General Fund	5,267	-	-	-	-	-	-	5,267
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	280	-	-	-	-	-	-	280
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	10,160	-	-	-	-	-	-	10,160
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	15,707	-	-	-	-	-	-	15,707

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

G-020 Public Works & Utilities Facility

Year Introduced: 2014
Change: Increased Estimate
Associated Proj: N/A
Program Area: General Government
Managing Dept: Public Works
Manager: S. Horan
Plan Conformance: CFI 7.1.1

Est. Start: 07/10/2023
Est. Comp: 11/30/2023



Description:

The Public Works & Utilities Facility Improvement Project includes a comprehensive renovation/modernization the compound to include all buildings and the yard in a phased approach. Electric funding in FY24 will be used to expand the radio shop. Future years will include improvements to the facility yard and expansion of covered storage and the renovation of Building A.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	1,350	1,350
Land	-	-	-	-	-	-	-	-
Construction	1,460	300	-	-	-	-	11,900	13,660
Total Cost:	1,460	300	-	-	-	-	13,250	15,010

Funding Sources:

General Fund	280	-	-	-	-	-	1,300	1,580
Sewer Fund	282	-	-	-	-	-	1,450	1,732
Water Fund	168	-	-	-	-	-	1,500	1,668
Electric Fund	730	300	-	-	-	-	1,200	2,230
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	7,800	7,800
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	1,460	300	-	-	-	-	13,250	15,010

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	(8,580)	(8,580)
Net Revenue:	-	-	-	-	-	-	(8,580)	(8,580)

G-023 City Hall Annex

Year Introduced: 2021
Change: Funding to Later Year
Associated Proj: G-024
Program Area: General Government
Managing Dept: Public Works
Manager: S. Horan
Plan Conformance: CFI 7.1.1

Est. Start:
Est. Comp:



Description:

Construct a new 4-story building adjacent City Hall. The new facility will allow for enhanced customer service in one central location and would include the relocation of the Social Services Department from leased commercial space expiring in 2025.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	830	830
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	10,205	10,205
Total Cost:	-	-	-	-	-	-	11,035	11,035

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	11,035	11,035
Total Funding:	-	-	-	-	-	-	11,035	11,035

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

G-024 City Hall / Downtown Parking

Year Introduced: 2016
Change: Increased Estimate
Associated Proj: G-023
Program Area: General Government
Managing Dept: Public Works
Manager: S. Horan
Plan Conformance: LU 3.4.1; ED 5.3.1;

Est. Start: 07/01/2023
Est. Comp: 12/31/2026



Description:

Construct a new north side parking garage consisting of approximately 300 spaces at City Hall to provide parking to the government complex as well as help address the existing imbalance of public parking north of the railroad tracks.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	1,165	-	-	-	-	1,165
Land	-	3,000	-	-	-	-	-	3,000
Construction	-	-	8,203	-	-	-	-	8,203
Total Cost:	-	3,000	9,368	-	-	-	-	12,368

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	3,000	9,368	-	-	-	-	12,368
Total Funding:	-	3,000	9,368	-	-	-	-	12,368

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

G-026 Fuel Island Upgrade at Public Works/Utilities Facility

Year Introduced: 2023
Change: Increased Estimate
Associated Proj: G-020
Program Area: General Government **Est. Start:** 07/01/2023
Managing Dept: Public Works **Est. Comp:** 06/30/2025
Manager: S. Horan
Plan Conformance: CFI 7.1.5



Description:

Replacement of three 30-year old underground storage tanks and fuel dispensers at the Public Works and Utilities Facility. This project increases the capacity of fuel storage and will also include a new modern fuel dispersing and monitoring system. The existing system has exceeded its life expectancy and storage capacity is not adequate to meet internal "on hand storage" levels as exposed during the recent fuel shortage.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	110	-	-	-	-	-	110
Land	-	-	-	-	-	-	-	-
Construction	-	965	-	-	-	-	-	965
Total Cost:	-	1,075	-	-	-	-	-	1,075

Funding Sources:

General Fund	-	75	-	-	-	-	-	75
Sewer Fund	-	165	-	-	-	-	-	165
Water Fund	-	165	-	-	-	-	-	165
Electric Fund	-	405	-	-	-	-	-	405
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	265	-	-	-	-	-	265
Total Funding:	-	1,075	-	-	-	-	-	1,075

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

G-027 Building Maintenance Shop Facility

Year Introduced: 2023
Change: Funding to Later Year
Associated Proj: G-020
Program Area: General Government
Managing Dept: Public Works
Manager: S. Horan
Plan Conformance: CFI 7.1.1

Est. Start:
Est. Comp:



Description:

Create a new, state of the art, building maintenance shop through renovation of existing covered storage at Public Works/Utilities Building D. The new shop space will replace the existing Church Street facility that is in poor conditions and has inadequate equipment/space to support the City's building maintenance requirements.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	260	260
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	1,500	1,500
Total Cost:	-	-	-	-	-	-	1,760	1,760

Funding Sources:

General Fund	-	-	-	-	-	-	1,760	1,760
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	-	-	-	1,760	1,760

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

GENERAL GOVERNMENT MAINTENANCE CAPITAL PROJECT LISTING

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 the General Government program.

Project Name	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Cemetery Improvements	-	375	-	-	-	-	-	375
Building Lighting Upgrades	-	420	-	-	-	-	-	420
Total Cost:	-	795	-	-	-	-	-	795

Funding Sources

General Fund	-	375	-	-	-	-	-	375
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	420	-	-	-	-	-	420
Total Funding:	-	795	-	-	-	-	-	795

CULTURE & RECREATION PROGRAM

The Culture and Recreation Program is administered by the Community Development Department and Public Works Department. It includes projects related to the construction and maintenance of buildings that are part of the Museum System as well as the maintenance, upgrade, and development of city parks.

The City currently offers 23 developed parks and historic sites to meet the parks, cultural, and recreational needs of citizens. Along with 264 acres of parks and publicly-accessible open space at eight schools, the City has walking trails, operates a public swimming pool, and maintains partnerships to provide recreational and cultural opportunities for residents at the Hylton Performing Arts Center, Freedom Center, and the Boys and Girls Club. Specific information on amenities available at each of the parks can be found on the website at: www.manassasva.gov/parks.

PRIOR YEAR ACCOMPLISHMENTS

Manassas Museum (C-006)

Completed construction of renovations and new facilities at the Manassas Museum.

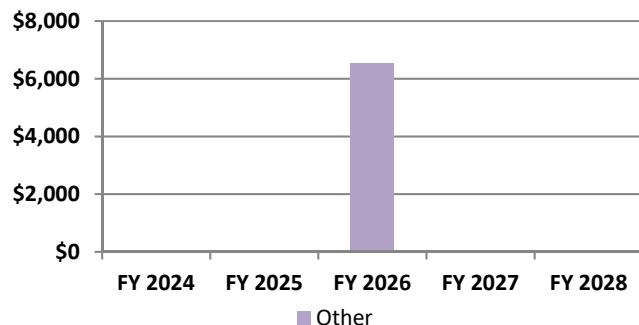


Maintenance Capital Projects

Completed improvements at Lee Manor Park (C-031), Liberia Historic Site (C-047), and Mayfield Intermediate Playground (C-007).

THE FIVE-YEAR PLAN (FY 2024 – FY 2028)

The FY 2024 Five-Year Capital Improvement Program (CIP) includes \$6,550,000 in Other Sources.



(Dollars in Thousands)

FY 2024 CAPITAL PROJECTS

Dean Park (C-017)

Continue construction on phase one of the park (infrastructure and rectangular fields) and begin design on remaining improvements

Annaburg Manor (C-041)

Continue improvements to park infrastructure and building



FY 2024 MAINTENANCE CAPITAL PROJECTS

The maintenance capital projects are an integral part of the Culture & Recreation Program including annual replacements of school playground equipment (C-007) or general park improvements (C-031). In FY 2024, maintenance capital projects include improvements to Winterset Park. Ongoing annual maintenance to Stonewall Pool (C-046) and improvements to the Candy Factory including roof repairs (C-010) are also included.

NEW CAPITAL PROJECTS

There are no new projects in the Culture & Recreation program.p

SUMMARY OF CULTURE & RECREATION CAPITAL PROJECTS

(\$ in Thousands)

Cost Estimates	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Planning	624	-	-	650	-	-	400	1,674	650
Land	846	-	-	-	-	-	-	846	-
Construction	12,310	-	-	5,900	-	-	3,900	22,110	5,900
Total Cost:	13,780	-	-	6,550	-	-	4,300	24,630	6,550

Funding Sources

General Fund	314	-	-	-	-	-	-	314	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	240	-	-	-	-	-	4,300	4,540	-
State	-	-	-	-	-	-	-	-	-
Federal	8,860	-	-	-	-	-	-	8,860	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	4,366	-	-	6,550	-	-	-	10,916	6,550
Total Funding:	13,780	-	-	6,550	-	-	4,300	24,630	6,550

Operating Impacts

Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Revenue	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	(78)	(163)	(163)	(213)	(213)	-	(830)	(830)
Program (Costs) Savings	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	(4,730)	(4,730)	-
Net Revenue:	-	(78)	(163)	(163)	(213)	(213)	(4,730)	(5,560)	(830)

CULTURE & RECREATION CAPITAL PROJECT LISTING

(\$ in Thousands)

Project Name:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
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
Total:	13,780	-	-	6,550	-	-	4,300	24,630	6,550

C-017 Dean Park

Year Introduced: 2016
Change: No Change
Associated Proj: 1301
Program Area: Culture & Recreation
Managing Dept: Engineering
Manager: L. Kilby
Plan Conformance: PCR 9.1.2

Est. Start: 07/01/2016
Est. Comp: 06/30/2025



Description:

Enhance park facilities with additional sports fields, courts, and trails per the master plan and in conjunction with Dean School replacement. Prior year efforts include master planning (FY19-20) and construction of a dog park (FY20-21). Completion of Ph. 1 design (infrastructure and rectangular fields) was completed in Fall 2022. Construction will begin in Spring 2023 concurrently with completion of design for remaining improvements.

Status: Construction

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	339	-	-	-	-	-	-	339
Land	-	-	-	-	-	-	-	-
Construction	9,275	-	-	-	-	-	-	9,275
Total Cost:	9,614	-	-	-	-	-	-	9,614

Funding Sources:

General Fund	264	-	-	-	-	-	-	264
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	240	-	-	-	-	-	-	240
State	-	-	-	-	-	-	-	-
Federal	8,860	-	-	-	-	-	-	8,860
NVTA	-	-	-	-	-	-	-	-
Other Sources	250	-	-	-	-	-	-	250
Total Funding:	9,614	-	-	-	-	-	-	9,614

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	(85)	(85)	(85)	(85)	-	(340)
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	(85)	(85)	(85)	(85)	-	(340)

C-023 Byrd Park

Year Introduced: 2023
Change: No Change
Associated Proj: N/A
Program Area: Culture & Recreation **Est. Start:** 07/01/2025
Managing Dept: Community Development **Est. Comp:** 06/30/2026
Manager: M. Arcieri
Plan Conformance: PCR 9.3.1



Description:

Renovate Field 1 & 3 to add a synthetic rectangular field with two diamond overlays and irrigation. Renovate Field 2 and add additional trail and walking path connections. This project would be funded through the dedicated funding from the sale of the E.G. Smith Ballfields.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	150	-	-	-	150
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	1,650	-	-	-	1,650
Total Cost:	-	-	-	1,800	-	-	-	1,800

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	1,800	-	-	-	1,800
Total Funding:	-	-	-	1,800	-	-	-	1,800

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	(25)	(25)	-	(50)
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	(25)	(25)	-	(50)

C-041 Annaburg Manor

Year Introduced: 2019
Change: Timeline
Associated Proj: N/A
Program Area: Culture & Recreation **Est. Start:** 04/01/2019
Managing Dept: Community Development **Est. Comp:** 12/30/2023
Manager: M. Arcieri
Plan Conformance: PCR 9.2.1



Description:

Provide park improvements in accordance with the master plan and building stabilization. Prior year efforts include purchasing the site (FY19), roof replacement, exterior stabilization, and master planning (FY20-21). Current work includes improvements to park infrastructure and building including additional paint removal. Future funding would add historic site amenities, restrooms, a playground, and restore the interior of the home for public use.

Status: Construction

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	285	-	-	-	-	-	400	685
Land	846	-	-	-	-	-	-	846
Construction	3,035	-	-	-	-	-	3,900	6,935
Total Cost:	4,166	-	-	-	-	-	4,300	8,466

Funding Sources:

General Fund	50	-	-	-	-	-	-	50
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	4,300	4,300
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	4,116	-	-	-	-	-	-	4,116
Total Funding:	4,166	-	-	-	-	-	4,300	8,466

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	(20)	(20)	(20)	(20)	(20)	-	(100)
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	(4,730)	(4,730)
Net Revenue:	-	(20)	(20)	(20)	(20)	(20)	(4,730)	(4,830)

C-045 Cedar Crest Park

Year Introduced: 2021
Change: No Change
Associated Proj: N/A
Program Area: Culture & Recreation **Est. Start:** 07/01/2025
Managing Dept: Community Development **Est. Comp:** 12/31/2026
Manager: M. Arcieri
Plan Conformance: PCR 9.3.1



Description:

Develop Cedar Crest Park. The park is 2.23 acres and is currently undeveloped. Potential improvements include walking paths, picnic shade structure, signage, a pond observation pier, playgrounds, open play fields, and landscaping/gardens. Final proposed improvements will be determined based on a community planning process. This project would be funded through the dedicated funding from the sale of the E.G. Smith Ballfields.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	50	-	-	-	50
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	450	-	-	-	450
Total Cost:	-	-	-	500	-	-	-	500

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	500	-	-	-	500
Total Funding:	-	-	-	500	-	-	-	500

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

C-048 Stonewall Park

Year Introduced: 2023
Change: Reduced Scope
Associated Proj: T-052
Program Area: Culture & Recreation **Est. Start:** 07/01/2025
Managing Dept: Community Development **Est. Comp:** 12/31/2027
Manager: M. Arcieri
Plan Conformance: PCR 9.1.2



Description:

Renovate the rectangular field and add lighting. Renovate the existing playgrounds, pavilion, tennis, and sport courts and add trail and walking path connections. The park amenities portion of the project would be funded through the dedicated funding from the sale of the E.G. Smith Ballfields.

Status: Design (Stormwater)

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	450	-	-	-	450
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	3,800	-	-	-	3,800
Total Cost:	-	-	-	4,250	-	-	-	4,250

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	4,250	-	-	-	4,250
Total Funding:	-	-	-	4,250	-	-	-	4,250

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	(25)	(25)	-	(50)
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	(25)	(25)	-	(50)

CULTURE & RECREATION MAINTENANCE CAPITAL PROJECT LISTING

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 the Culture & Recreation program.

Project Name	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
School Playground Equipment Replacement	1,165	-	120	-	120	-	-	1,405
Candy Factory Improvements	438	150	150	-	-	-	-	738
Park Improvements	905	300	-	300	-	300	-	1,805
Stonewall Pool Improvements	110	-	90	-	90	-	-	290
Historic Site Improvements	-	-	300	-	150	-	-	450
Sport Fields Improvements	-	-	-	-	350	-	-	350
Total Cost:	2,618	450	660	300	710	300	-	5,038

Funding Sources

General Fund	1,957	450	450	300	300	300	-	3,757
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	570	-	60	-	60	-	-	690
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	91	-	150	-	350	-	-	591
Total Funding:	2,618	450	660	300	710	300	-	5,038

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PUBLIC SAFETY PROGRAM

The Public Safety Program addresses needs related to the public safety function of government. It includes maintenance and construction of public safety facilities and buildings. The Public Works, Engineering, Community Development, Police, and Fire & Rescue Departments work together to accomplish the goals of this program.

PRIOR YEAR ACCOMPLISHMENTS

Public Safety Facility (P-015)

Completed construction of the Public Safety Facility at 9608 Grant Avenue. The facility is now open and includes Police Headquarters, consolidated public safety logistics, 911 Center, Emergency Operations Center, Fire & Rescue Administration, and the IT Department.

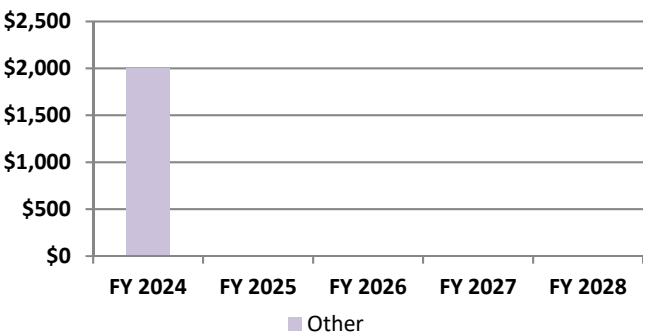


Public Safety Facility

THE FIVE-YEAR PLAN (FY 2024 – FY 2028)

The FY 2024 Five-Year Capital Improvement Program (CIP) includes \$2,000,000 in Other Sources.

FY 2024 funding consists of \$2,000,000 in Other Sources.



Dollars in Thousands

FY 2024 CAPITAL PROJECTS

Police Radio System Upgrade (P-027)

Replace the City's police department radios and upgrade existing system infrastructure.

FY 2024 MAINTENANCE CAPITAL PROJECTS

There are no maintenance capital projects for FY 2024.

NEW CAPITAL PROJECTS

- Police Radio System Upgrade (P-027)
- RMS/CAD System Software Upgrade (P-028)

SUMMARY OF PUBLIC SAFETY CAPITAL PROJECTS

(\$ in Thousands)

Cost Estimates	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Planning	60	-	-	-	-	-	3,322	3,382	-
Land	-	-	-	-	-	-	3,360	3,360	-
Construction	70	2,000	-	-	-	-	23,108	25,178	2,000
Total Cost:	130	2,000	-	-	-	-	29,790	31,920	2,000

Funding Sources

General Fund	130	-	-	-	-	-	-	130	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	29,790	29,790	-
State	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	2,000	-	-	-	-	-	2,000	2,000
Total Funding:	130	2,000	-	-	-	-	29,790	31,920	2,000

Operating Impacts

Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Revenue	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	(32,769)	(32,769)	-
Net Revenue:	-	-	-	-	-	-	(32,769)	(32,769)	-

PUBLIC SAFETY CAPITAL PROJECT LISTING

(\$ in Thousands)

Project Name:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Animal Shelter Improvements	130	-	-	-	-	-	-	130	-
Fire/Rescue Station 1	-	-	-	-	-	-	29,790	29,790	-
Police Radio System Upgrade	-	2,000	-	-	-	-	-	2,000	2,000
RMS/CAD System Software	-	-	-	-	-	-	-	-	-
Total:	130	2,000	-	-	-	-	29,790	31,920	2,000

P-018 Animal Shelter Improvements

Year Introduced: 2023
Change: Decreased Estimate
Associated Proj: N/A
Program Area: Public Safety
Managing Dept: Public Works
Manager: S. Horan
Plan Conformance: CFI 7.1.5

Est. Start: 11/01/2022
Est. Comp: 06/30/2024



Description:

Expansion of the exterior secure dog run area to include mason company cages, site grading (cut and fill), dog run area, new fencing, additional concrete walk ways, exterior walk in freezer for the preservation of deceased animals, and electrical lighting for site.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	60	-	-	-	-	-	-	60
Land	-	-	-	-	-	-	-	-
Construction	70	-	-	-	-	-	-	70
Total Cost:	130	-	-	-	-	-	-	130

Funding Sources:

General Fund	130	-	-	-	-	-	-	130
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	130	-	-	-	-	-	-	130

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

P-023 Fire/Rescue Station 1

Year Introduced: 2016
Change: Increased Estimate
Associated Proj: N/A
Program Area: Public Safety
Managing Dept: Public Works
Manager: S. Horan
Plan Conformance: CFI 7.3.4

Est. Start:
Est. Comp:



Description:

Replacement of the existing outdated Fire Station #1. A site location and space needs study will be conducted prior to proceeding with site selection and design. Project will be modeled after Fire Station 21, a 4-bay, 21,916 sq. ft. Fire and Rescue Station and may also include Fire & Rescue Administration space. Cost of project was escalated 5% annually for inflation.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	3,322	3,322
Land	-	-	-	-	-	-	3,360	3,360
Construction	-	-	-	-	-	-	23,108	23,108
Total Cost:	-	-	-	-	-	-	29,790	29,790

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	29,790	29,790
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	-	-	-	29,790	29,790

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	(32,769)	(32,769)
Net Revenue:	-	-	-	-	-	-	(32,769)	(32,769)

P-027 Police Radio System Upgrade

Year Introduced: 2024
Change: New Project
Associated Proj: N/A
Program Area: Public Safety
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.1.5

Est. Start: 07/01/2023
Est. Comp: 07/30/2026



Description:

In order to meet current standards/specifications and maintain interoperability, this project will replace the City's Police Department subscriber radios and upgrade the existing system infrastructure. This includes updating, switchgear, routers, workstations, servers, base radio and firewall.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	2,000	-	-	-	-	-	2,000
Total Cost:	-	2,000	-	-	-	-	-	2,000

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	2,000	-	-	-	-	-	2,000
Total Funding:	-	2,000	-	-	-	-	-	2,000

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

P-028 RMS/CAD System Software Upgrade

Year Introduced: 2024
Change: New Project
Associated Proj: N/A
Program Area: Public Safety
Managing Dept: Information Technology
Manager: S. Whitfield
Plan Conformance:

Est. Start:
Est. Comp:



Description:

The current RMS and CAD is inefficient, outdated and no longer supported by the vendor. Switching to a cloud-based system, software can be automatically updated without disruption to operations, information is real-time and more secure. Giving officers direct access to real-time information increases officer safety and also increases accountability. Anytime, anywhere access also allows officer to complete paperwork in the field and decreases desk-time.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Total Cost:	-	-	-	-	-	-	-	-

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	-	-	-	-	-

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

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TRANSPORTATION PROGRAM

The Transportation Program is administered by the Engineering Department with planning assistance from the Community Development. Public Works is responsible for the construction of small-scale projects and maintenance of the transportation network including sidewalk infill and traffic signalization. Staff plan and construct multimodal projects recommended by the 2040 Comprehensive Plan and Transportation Master Plan including roadways improvements, bike paths, and sidewalks.

PRIOR YEAR ACCOMPLISHMENTS

Route 28/Nokesville Road Widening (T-042) and Dean Drive Extended (T-030)

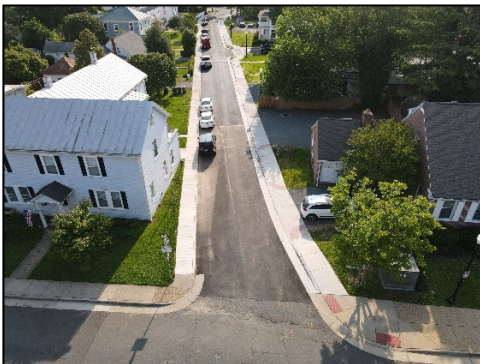
Completed construction on both major road projects.



Route 28/Nokesville Road Widening

Bike and Pedestrian Projects

Completed numerous bike and pedestrian additions and improvements including Godwin Dr. Bike Trail (T-059), Gateway Blvd. Sidewalk/Trail (T-083), Quarry Streetscape (T-087), and Route 28/Liberia intersection (T-070). Additionally, city-wide wayfinding was completed (T-089).



Quarry Streetscape

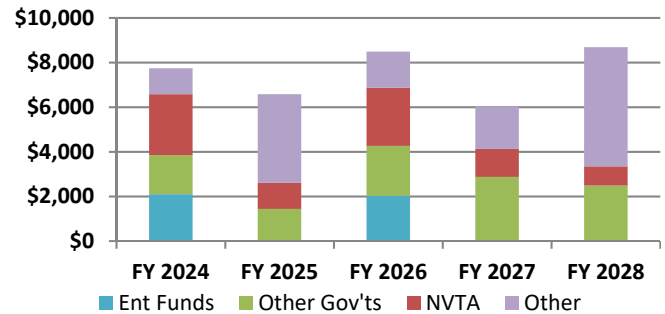
THE FIVE-YEAR PLAN (FY 2024 – FY 2028)

The FY 2024 Five-Year Capital Improvement Program (CIP) includes:

- \$4,130,000 Enterprise Fund Contributions
- \$10,783,000 State and Federal Aid

- \$8,619,000 NVTA 30% Funding
- \$13,990,000 Other Sources

FY 2024 funding consists of \$2,100,000 in Enterprise Fund Contributions; \$1,748,000 from State and Federal Aid; \$2,732,000 in NVTA 30% Funds; and \$1,160,000 in Other Sources.



(Dollars in Thousands)

FY 2024 CAPITAL PROJECTS

FY 2024 continues the focus on construction and design of existing projects. Major projects expected to begin or continue construction:

- Sudley Road Third Lane (T-015)
- Grant Avenue (Lee to Wellington) (T-021)

Major projects under design include:

- Longstreet Water Line & Sidewalk (T-084)
- Roundabout Sudley/Centreville Road (T-085)
- Mathis Avenue (T-086)
- Wellington Road Shared-Use Path Gap (T-088)

FY 2024 MAINTENANCE CAPITAL PROJECTS

Maintenance capital projects in the Transportation Program include ongoing Traffic Signal Coordination and Upgrades (T-064), additional sidewalk and bicycle infill projects (T-058) and culvert maintenance (T-092).

Project Development Fund (T-090)

The project development fund develops concept for new projects recommended by the City's long-range plans to be added into the CIP. Once the concept is developed, initial public input received, and funding identified, projects will be assigned a specific project number and advance to design and construction. Projects under development include:

- Route 28 Trail – Godwin Drive to Dean Drive
- Route 28 Sidewalk – Prim Lane to Weir Place

NEW CAPITAL PROJECTS

- Sudley Sidewalk (T-094)
- Bus Stops Enhancements (T-095)

SUMMARY OF TRANSPORTATION CAPITAL PROJECTS

(\$ in Thousands)

Cost Estimates	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Planning	1,838	825	420	2,210	-	-	150	5,443	3,455
Land	-	925	1,790	1,070	2,400	-	-	6,185	6,185
Construction	30,235	5,990	4,370	5,205	3,627	8,690	2,828	60,945	27,882
Total Cost:	32,073	7,740	6,580	8,485	6,027	8,690	2,978	72,573	37,522

Funding Sources

General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	680	2,100	-	980	-	-	-	3,760	3,080
Water Fund	2,346	-	-	-	-	-	-	2,346	-
Electric Fund	2,087	-	-	1,050	-	-	-	3,137	1,050
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	9,300	-	-	-	-	-	-	9,300	-
State	4,571	1,223	885	1,130	1,765	1,685	136	11,395	6,688
Federal	7,737	525	555	1,105	1,110	800	542	12,374	4,095
NVTA	5,044	2,732	1,165	2,610	1,252	860	-	13,663	8,619
Other Sources	308	1,160	3,975	1,610	1,900	5,345	2,300	16,598	13,990
Total Funding:	32,073	7,740	6,580	8,485	6,027	8,690	2,978	72,573	37,522

Operating Impacts

Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Revenue	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-	-

TRANSPORTATION CAPITAL PROJECT LISTING

(\$ in Thousands)

Project Name:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Sudley Road Third Lane	8,005	1,815	-	-	-	-	-	9,820	1,815
Grant Avenue (Lee Avenue to	12,935	893	-	-	-	-	-	13,828	893
Dean Drive (Animal Shelter to	-	-	-	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	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
Total:	32,073	7,740	6,580	8,485	6,027	8,690	2,978	72,573	37,522

T-015 Sudley Road Third Lane

Year Introduced: 2000
Change: Increased Estimate
Associated Proj: N/A
Program Area: Transportation
Managing Dept: Engineering
Manager: J. Keenan
Plan Conformance: MOB 6.3.1

Est. Start: 07/01/2017
Est. Comp: 12/31/2024



Description:

Install a northbound third lane on Sudley Road from Grant Avenue to Godwin Drive. The new lane and sidewalk will tie to the existing third lane and sidewalk in Prince William County past Godwin Drive and connect to the proposed Godwin Drive extension. This project will improve traffic flow and pedestrian access. Additional Smart Scale funds were added in FY24 to account for cost increases as well as PWC Service Authority funds for the waterline betterment.

Status: Design
 Estimated Construction Start: Spring 2023

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	180	-	-	-	-	-	180
Land	-	-	-	-	-	-	-	-
Construction	8,005	1,635	-	-	-	-	-	9,640
Total Cost:	8,005	1,815	-	-	-	-	-	9,820

Funding Sources:

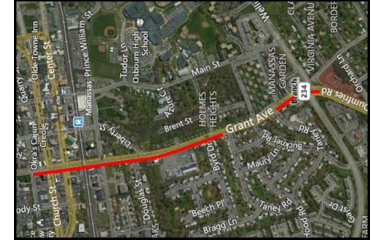
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	1,601	130	-	-	-	-	-	1,731
Federal	6,404	525	-	-	-	-	-	6,929
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	1,160	-	-	-	-	-	1,160
Total Funding:	8,005	1,815	-	-	-	-	-	9,820

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

T-021 Grant Avenue (Lee Avenue to Wellington Road)

Year Introduced: 2000
Change: Timeline
Associated Proj: P-015
Program Area: Transportation **Est. Start:** 12/01/2015
Managing Dept: Engineering **Est. Comp:** 06/30/2026
Manager: J. Keenan
Plan Conformance: MOB 6.2.1



Description:

Reconstruct Grant Avenue between Prince William Street and Wellington Road as a two lane facility with dedicated turn lanes and median control. The project will add utility, pedestrian, and streetscape improvements and a shared use path. A second phase of this project - downtown sidewalk improvements from Prince William Street to Lee Avenue (no change to roadway width) is funded for design and construction in FY24/25. Additional state funds were added in FY24 to account for construction cost increases.

Status: Construction

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	750	-	-	-	-	-	-	750
Land	-	-	-	-	-	-	-	-
Construction	12,185	893	-	-	-	-	-	13,078
Total Cost:	12,935	893	-	-	-	-	-	13,828

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	680	-	-	-	-	-	-	680
Water Fund	2,346	-	-	-	-	-	-	2,346
Electric Fund	2,087	-	-	-	-	-	-	2,087
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	4,000	-	-	-	-	-	-	4,000
State	2,796	893	-	-	-	-	-	3,689
Federal	-	-	-	-	-	-	-	-
NVTA	900	-	-	-	-	-	-	900
Other Sources	126	-	-	-	-	-	-	126
Total Funding:	12,935	893	-	-	-	-	-	13,828

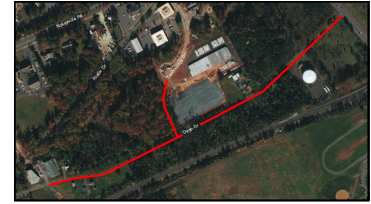
Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

T-039 Dean Drive (Animal Shelter to Wellington Road)

Year Introduced: 2004
Change: Decreased Estimate
Associated Proj: T-088
Program Area: Transportation
Managing Dept: Engineering
Manager: L. Kilby
Plan Conformance: ED 5.3.1

Est. Start: 07/01/2025
Est. Comp: 07/01/2028



Description:

Widen Dean Drive from the existing animal shelter to Wellington Road and add curb, gutter, and bike lanes as well as provide a bicycle/pedestrian connection to the Wellington Trail (T-088). Federal RSTP funding has been approved for this project starting in FY26. Funding source has been updated to show additional RSTP funding and a decrease in NVTA local funds. Project scope is anticipated to change further pending future development in this corridor.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	600	-	-	-	600
Land	-	-	-	650	500	-	-	1,150
Construction	-	-	-	2,475	712	1,000	678	4,865
Total Cost:	-	-	-	3,725	1,212	1,000	678	6,615

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	980	-	-	-	980
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	1,050	-	-	-	1,050
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	220	165	200	136	721
Federal	-	-	-	890	655	800	542	2,887
NVTA	-	-	-	585	392	-	-	977
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	3,725	1,212	1,000	678	6,615

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

T-046 Liberia Avenue

Year Introduced: 2006
Change: Moved From Future
Associated Proj: T-064
Program Area: Transportation
Managing Dept: Engineering
Manager: J. Keenan
Plan Conformance: MOB 6.1.2

Est. Start: 07/01/2025
Est. Comp: 12/31/2029



Description:

The Transportation Master Plan has recommended intersection improvements at Route 28 and Liberia Avenue as well as widening eastbound Liberia Avenue to three lanes up to Euclid Avenue. NVTA70% regional funding was awarded to fund the design and construction phases.

Status: Planning
 Estimated Construction Start: Fall 2027

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	1,610	-	-	-	1,610
Land	-	-	-	-	1,900	-	-	1,900
Construction	-	-	-	-	-	5,345	-	5,345
Total Cost:	-	-	-	1,610	1,900	5,345	-	8,855

Funding Sources:

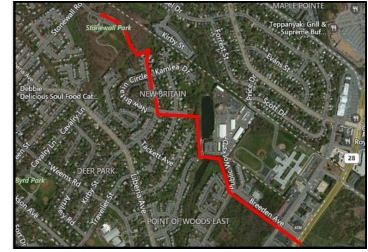
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	1,610	1,900	5,345	-	8,855
Total Funding:	-	-	-	1,610	1,900	5,345	-	8,855

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

T-052 Stonewall Park Trail Extension

Year Introduced: 2007
Change: Increased Estimate
Associated Proj: D-027;C-048;
Program Area: Transportation **Est. Start:** 07/01/2023
Managing Dept: Engineering **Est. Comp:** 07/01/2027
Manager: S. Chung
Plan Conformance: MOB 6.2.5; PCR 9.5.1;



Description:

Construct an extension to the existing Stonewall Park Trail to connect to the Liberia House historic site. Phase I consists of the construction of an off-street shared use path from Vicksburg Lane to Portner Avenue including a pedestrian bridge over the causeway at the Public Works complex. Federal CMAQ/RSTP funding has been approved for this project starting in FY25. Funding source has been updated to show additional CMAQ/RSTP funding and additional NVTa local funds have been added in FY24 to advance some trail work at Liberia in coordination with the stream restoration project (D-027).

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	420	-	-	-	-	420
Land	-	-	20	-	-	-	-	20
Construction	-	250	255	735	570	-	-	1,810
Total Cost:	-	250	695	735	570	-	-	2,250

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	140	55	115	-	-	310
Federal	-	-	555	215	455	-	-	1,225
NVTa	-	250	-	465	-	-	-	715
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	250	695	735	570	-	-	2,250

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

T-079 Traffic Signal Span Wire to Mast Arms

Year Introduced: 2016
Change: Increased Estimate
Associated Proj: N/A
Program Area: Transportation **Est. Start:** 07/01/2022
Managing Dept: Engineering **Est. Comp:** 12/31/2024
Manager: S. Chung
Plan Conformance: MOB 6.3.3



Description:

Upgrade current traffic signal equipment, replace the City's two remaining traffic signals on span wire to poles with mast arms, and improve pedestrian crossings. The signal locations are Dumfries Road at Milic Street/Donner Drive and Godwin Drive at the Lockheed Martin entrance. Additional NVTa local funds have been added in FY24 due to cost increases.

Status: Design
 Estimated Construction Start: Spring 2024

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	50	10	-	-	-	-	-	60
Land	-	-	-	-	-	-	-	-
Construction	819	522	-	-	-	-	-	1,341
Total Cost:	869	532	-	-	-	-	-	1,401

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	174	-	-	-	-	-	-	174
Federal	695	-	-	-	-	-	-	695
NVTa	-	532	-	-	-	-	-	532
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	869	532	-	-	-	-	-	1,401

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

T-084 Longstreet Water Line & Sidewalk

Year Introduced: 2023
Change: Increased Estimate
Associated Proj: W-050
Program Area: Transportation **Est. Start:** 07/01/2023
Managing Dept: Utilities **Est. Comp:** 03/24/2024
Manager: M. Nicholson
Plan Conformance: MOB 6.3.5



Description:

Replace the water and sanitary sewer on Longstreet Drive from Grant Avenue to Weems Road. This project will occur concurrently with construction of sidewalk, curb and gutter. Additional funds have been added in FY24 due to cost increases.

Status: Design
 Estimated Construction Start: Spring 2023

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	5,550	600	-	-	-	-	-	6,150
Total Cost:	5,550	600	-	-	-	-	-	6,150

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	600	-	-	-	-	-	600
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	3,800	-	-	-	-	-	-	3,800
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	1,750	-	-	-	-	-	-	1,750
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	5,550	600	-	-	-	-	-	6,150

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

T-085 Roundabout Sudley/Centreville

Year Introduced: 2019
Change: Funding Source
Associated Proj: N/A
Program Area: Transportation **Est. Start:** 12/01/2017
Managing Dept: Engineering **Est. Comp:** 12/31/2025
Manager: J. Keenan
Plan Conformance: ED 5.3.1; MOB 6.1.2; MOB 6.2.4



Description:

Replace existing signalized intersection with a two-lane roundabout as recommended by the Transportation Master Plan. A roundabout at this intersection will improve level of service (delay) at this intersection from a "D" to a "B". Funding is currently available to complete up to 60% design. NVTa regional funds are recommended to fully fund this project.

Status: Design

Estimated Construction Start: Summer 2024

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	425	150	-	-	-	-	-	575
Land	-	475	-	-	-	-	-	475
Construction	-	-	3,975	-	-	-	-	3,975
Total Cost:	425	625	3,975	-	-	-	-	5,025

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTa	425	625	-	-	-	-	-	1,050
Other Sources	-	-	3,975	-	-	-	-	3,975
Total Funding:	425	625	3,975	-	-	-	-	5,025

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

T-086 Mathis Avenue

Year Introduced: 2019
Change: Funding Source
Associated Proj: T-070
Program Area: Transportation
Managing Dept: Engineering
Manager: J. Keenan
Plan Conformance: ED 5.3.1; MOB 6.2.4;

Est. Start: 07/01/2020
Est. Comp: 12/31/2027



Description:

Reconstruct Mathis Avenue from Sudley Road to Liberia Avenue as a two lane facility with a planted median and dedicated turn lanes within the existing right-of-way. This project includes streetscape and pedestrian improvements. State Revenue Sharing and NVTa local funds are recommended to fully fund this project.

Status: Design

Estimated Construction Start: Summer 2024

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	430	-	-	-	-	-	-	430
Land	-	420	420	420	-	-	-	1,260
Construction	2,747	1,500	-	-	2,345	2,345	-	8,937
Total Cost:	3,177	1,920	420	420	2,345	2,345	-	10,627

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	1,500	-	-	-	-	-	1,500
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	1,500	-	-	-	-	-	-	1,500
State	-	-	-	-	1,485	1,485	-	2,970
Federal	-	-	-	-	-	-	-	-
NVTa	1,677	420	420	420	860	860	-	4,657
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	3,177	1,920	420	420	2,345	2,345	-	10,627

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

T-088 Wellington Road Shared-Use Path Gap

Year Introduced: 2021
Change: Increased Estimate
Associated Proj: N/A
Program Area: Transportation **Est. Start:** 11/15/2019
Managing Dept: Engineering **Est. Comp:** 06/30/2024
Manager: J. Keenan
Plan Conformance: MOB 6.3.5; PCR 9.5.1;



Description:

Complete construction of the shared use path along Wellington Road from Nokesville Road to Prince William Street. Conceptual design has been funded through a TLC grant from the Metropolitan Washington Council of Governments. Survey has been funded by VDOT. A Transportation Alternatives (TA) grant was awarded to fully fund this project. Additional NVTA local funds have been added in FY24 due to cost increases.

Status: Design
 Estimated Construction Start: Summer 2023

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	32	-	-	-	-	-	-	32
Land	-	-	-	-	-	-	-	-
Construction	929	190	-	-	-	-	-	1,119
Total Cost:	961	190	-	-	-	-	-	1,151

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	638	-	-	-	-	-	-	638
NVTA	292	190	-	-	-	-	-	482
Other Sources	31	-	-	-	-	-	-	31
Total Funding:	961	190	-	-	-	-	-	1,151

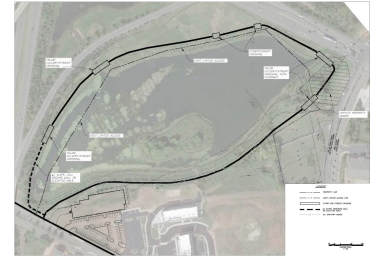
Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

T-091 Wakeman Tract Pond Trail

Year Introduced: 2023
Change: No Change
Associated Proj: T-083
Program Area: Transportation
Managing Dept: Econ Dev
Manager: P. Small
Plan Conformance: MOB 6.3.5; PCR 9.5.1;

Est. Start:
Est. Comp:



Description:

Construct a portion of the proposed 10 foot trail around the Landing at Cannon Branch commercial development which will connect with the Gateway Drive and Godwin Drive trails. Planning and engineering study is currently underway to determine final scope and cost.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	150	150
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	2,150	2,150
Total Cost:	-	-	-	-	-	-	2,300	2,300

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	2,300	2,300
Total Funding:	-	-	-	-	-	-	2,300	2,300

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

T-093 Dumfries Road Sidewalk Infill

Year Introduced: 2023
Change: Other
Associated Proj: N/A
Program Area: Transportation
Managing Dept: Engineering
Manager: S. Chung
Plan Conformance: MOB 6.3.5

Est. Start: 07/01/2023
Est. Comp: 06/30/2025



Description:

Construct sidewalk, curb, and gutter on the east side of Dumfries Road from Milic St. to Hastings Dr. NVTA local funding have been added in FY24 as a local match for state revenue share funding and due to cost increases.

Status: Design
 Estimated Construction Start: Fall 2024

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	151	-	-	-	-	-	-	151
Land	-	30	-	-	-	-	-	30
Construction	-	400	-	-	-	-	-	400
Total Cost:	151	430	-	-	-	-	-	581

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	200	-	-	-	-	-	200
Federal	-	-	-	-	-	-	-	-
NVTA	-	230	-	-	-	-	-	230
Other Sources	151	-	-	-	-	-	-	151
Total Funding:	151	430	-	-	-	-	-	581

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

T-094 Sudley Sidewalk

Year Introduced: 2024
Change: New Project
Associated Proj: N/A
Program Area: Transportation
Managing Dept: Engineering
Manager: J. Keenan
Plan Conformance: MOB 6.3.5

Est. Start: 07/01/2023
Est. Comp: 06/30/2026



Description:

Construct 0.7 mile sidewalk on the east side of Sudley Road between Mathis Avenue and Grant Avenue. A state revenue sharing application has been approved in FY25-FY26 to fund this project.

Status: Design
 Estimated Construction Start: Fall 2025

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	485	-	-	-	-	-	485
Land	-	-	1,350	-	-	-	-	1,350
Construction	-	-	140	1,995	-	-	-	2,135
Total Cost:	-	485	1,490	1,995	-	-	-	3,970

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	745	855	-	-	-	1,600
Federal	-	-	-	-	-	-	-	-
NVTA	-	485	745	1,140	-	-	-	2,370
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	485	1,490	1,995	-	-	-	3,970

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

TRANSPORTATION MAINTENANCE CAPITAL PROJECT LISTING

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 the Transportation program.

Project Name	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Sidewalk & Bicycle Infill	3,592	250	250	250	250	250	-	4,842
Traffic Signal Coordination & Upgrades	730	300	780	300	300	300	-	2,710
Project Development	500	200	200	200	200	200	-	1,500
Culvert Maintenance	100	100	100	100	100	100	-	600
Bus Stops Enhancements	-	-	-	-	-	200	-	200
Total Cost:	4,922	850	1,330	850	850	1,050	-	9,852

Funding Sources

General Fund	167	100	100	100	100	100	-	667
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	1,182	-	95	-	-	40	-	1,317
Federal	-	-	385	-	-	160	-	545
NVTA	3,282	750	750	750	750	750	-	7,032
Other Sources	291	-	-	-	-	-	-	291
Total Funding:	4,922	850	1,330	850	850	1,050	-	9,852

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SEWER PROGRAM

The Sewer Program is administered by the Utilities Department. The program is designed to achieve five primary strategic objectives:

- 1) Replace and/or rehabilitate aging infrastructure;
- 2) Maintain or increase system reliability;
- 3) Improve system efficiency;
- 4) Address system growth; and
- 5) Regulatory compliance.

The Sewer Program continues to plan and invest in the future of the city by continuing to evaluate the collection system to effectively prioritize the replacement and rehabilitation programs.

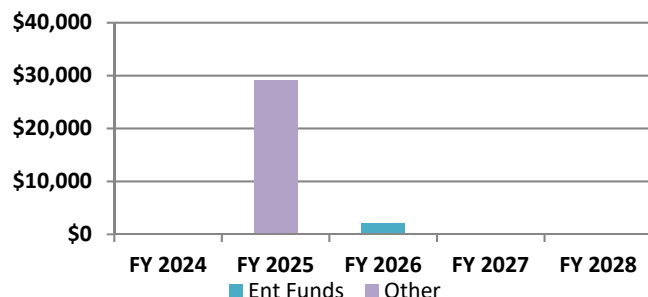
PRIOR YEAR ACCOMPLISHMENTS

Reliability of the sewer system has noticeably improved and sanitary sewer overflow events continue to decrease. Lining of the sewer mains has effectively rehabilitated much of the aging infrastructure which has allowed the Sewer Program to prioritize capital investment where necessary.

THE FIVE-YEAR PLAN (FY 2024 – FY 2028)

The FY 2024 Five-Year Capital Improvement Program (CIP) includes a \$2,000,000 transfer from the Sewer Fund and \$29,100,000 in Other Sources.

There is no new funding in FY 2024.



(Dollars in Thousands)

FY 2024 CAPITAL PROJECTS

Upper Flat Branch Interceptor (S-016)

Planning and construction continues to replace sections of gravity sewer main along the Upper Flat Branch Interceptor.



Upper Flat Branch Interceptor Project

Airport Infrastructure Improvements (S-026)

Planning and construction to rehabilitate and replace existing sewer main facilities at the Airport.

FY 2024 MAINTENANCE CAPITAL PROJECTS

Sewer Main Replacement (S-023)

Open-cut replacement of sewer mains that are beyond available service life and cannot be lined including parts of Maple Street, Peabody Street, and Robson Avenue

NEW CAPITAL PROJECTS

There are no new projects in the Sewer program.

SUMMARY OF SEWER CAPITAL PROJECTS

(\$ in Thousands)

Cost Estimates	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Planning	1,292	-	-	-	-	-	-	1,292	-
Land	-	-	-	-	-	-	-	-	-
Construction	6,173	-	29,100	2,000	-	-	-	37,273	31,100
Total Cost:	7,465	-	29,100	2,000	-	-	-	38,565	31,100

Funding Sources

General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	3,420	-	-	2,000	-	-	-	5,420	2,000
Water Fund	210	-	-	-	-	-	-	210	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	3,800	-	-	-	-	-	-	3,800	-
State	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	35	-	29,100	-	-	-	-	29,135	29,100
Total Funding:	7,465	-	29,100	2,000	-	-	-	38,565	31,100

Operating Impacts

Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Revenue	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-	-

SEWER CAPITAL PROJECT LISTING

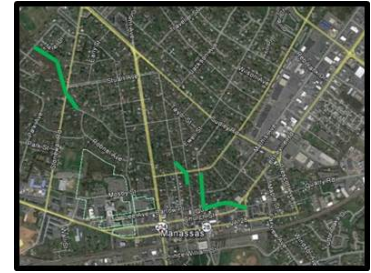
(\$ in Thousands)

Project Name:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Upper Flat Branch Interceptor	2,765	-	-	2,000	-	-	-	4,765	2,000
Sewer Capacity Expansion	900	-	29,100	-	-	-	-	30,000	29,100
Airport Infrastructure	3,800	-	-	-	-	-	-	3,800	-
Total:	7,465	-	29,100	2,000	-	-	-	38,565	31,100

S-016 Upper Flat Branch Interceptor Replacement

Year Introduced: 2009
Change: Timeline
Associated Proj: N/A
Program Area: Sewer
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.5

Est. Start: 07/01/2010
Est. Comp: 12/30/2026



Description:

Replace sections of gravity sewer main along the Upper Flat Branch Interceptor which is currently deficient in capacity. Undersized sanitary sewer will be upsized to meet current standards, future growth, and preclude overflows.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	342	-	-	-	-	-	-	342
Land	-	-	-	-	-	-	-	-
Construction	2,423	-	-	2,000	-	-	-	4,423
Total Cost:	2,765	-	-	2,000	-	-	-	4,765

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	2,520	-	-	2,000	-	-	-	4,520
Water Fund	210	-	-	-	-	-	-	210
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	35	-	-	-	-	-	-	35
Total Funding:	2,765	-	-	2,000	-	-	-	4,765

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

S-024 Sewer Capacity Expansion

Year Introduced: 2023
Change: Funding to Later Year
Associated Proj: N/A
Program Area: Sewer
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: TDB

Est. Start: 07/01/2022
Est. Comp: 12/31/2025



Description:

This project is to design and build a City facility to extract municipal wastewater in the collection system (sewer mining) and treat it to reuse standards for the purpose of selling the reuse to industrial facilities. This will also reduce the City's potable water usage for non-potable industrial usages and provide additional wastewater treatment capacity.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	900	-	-	-	-	-	-	900
Land	-	-	-	-	-	-	-	-
Construction	-	-	29,100	-	-	-	-	29,100
Total Cost:	900	-	29,100	-	-	-	-	30,000

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	900	-	-	-	-	-	-	900
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	29,100	-	-	-	-	29,100
Total Funding:	900	-	29,100	-	-	-	-	30,000

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

S-026 Airport Infrastructure Improvements

Year Introduced: 2022
Change: No Change
Associated Proj: A-087
Program Area: Sewer **Est. Start:** 07/01/2022
Managing Dept: Utilities **Est. Comp:** 07/01/2024
Manager: M. Nicholson
Plan Conformance: CFI 7.4.3



Description:

Design, construction, and rehabilitation or replacement of existing sewer main facilities at the Airport. This project will include pressure sewer mains and lift stations to provide capacity for future development. This project will be coordinated with water upgrades.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	50	-	-	-	-	-	-	50
Land	-	-	-	-	-	-	-	-
Construction	3,750	-	-	-	-	-	-	3,750
Total Cost:	3,800	-	-	-	-	-	-	3,800

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	3,800	-	-	-	-	-	-	3,800
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	3,800	-	-	-	-	-	-	3,800

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

SEWER MAINTENANCE CAPITAL PROJECT LISTING

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 the Sewer program.

Project Name	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Sewer Main Replacement	1,133	450	450	450	450	450	-	3,383
Total Cost:	1,133	450	450	450	450	450	-	3,383

Funding Sources

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	1,053	450	450	450	450	450	-	3,303
Water Fund	80	-	-	-	-	-	-	80
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	1,133	450	450	450	450	450	-	3,383

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WATER PROGRAM

The Water Program is administered by the Utilities Department. The program is designed to achieve five primary strategic objectives:

- 1) Replace and/or rehabilitate aging infrastructure;
- 2) Maintain or increase system reliability;
- 3) Improve system efficiency;
- 4) Address system growth; and
- 5) Regulatory compliance.

The Water Program continues to plan and invest in the future of the city by maximizing treatment capacity and ensuring facilities are in place to reliably provide water to current and future city residents. The program is slated to improve and enhance the city's water supply, treatment and distribution systems, and provide for new construction and/or upgrades of the city's infrastructure such as pump stations, tanks, treatment facilities, and transmission and distribution water mains.

PRIOR YEAR ACCOMPLISHMENTS

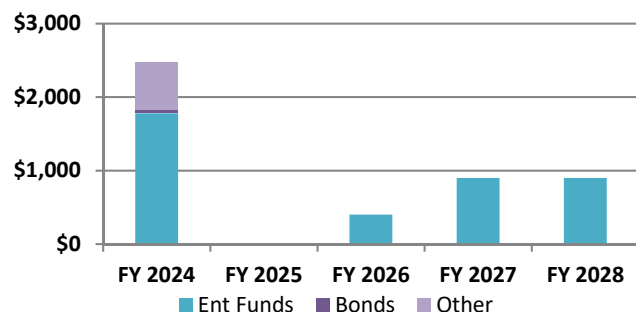
The Water Program continues to invest in ongoing projects to maintain and upgrade the City's reservoir, Water Treatment Facility, and transmission/distribution system. These projects include:

- Upgrading existing 24" water transmission main to 36" (W-042)
- Completed capacity increase study for the water treatment plant (W-047)

THE FIVE-YEAR PLAN (FY 2024 – FY 2028)

The FY 2024 Five-Year Capital Improvement Program (CIP) includes \$3,979,000 in Water funds; \$51,000 in Bonds; and \$650,000 in Other Sources.

FY 2024 funding consists of a \$1,779,000 transfer from Water Fund; \$51,000 in Bonds; and \$650,000 in Other Sources.



(Dollars in Thousands)

FY 2024 CAPITAL PROJECTS

24" Transmission Main Replacement (W-042)

Ongoing work to replace the existing 24" transmission main.

Water Treatment Plant Improvements

Ongoing improvements at the water treatment plan to increase finished water capacity to 18 MGD (W-047), clear well addition and roof renovation (W-065), and replacement of the super pulsator PLC (W-079).



FY 2024 MAINTENANCE CAPITAL PROJECTS

Main Replacement/Looping (W-050)

Replace undersized and aging/failing water mains and loop existing dead-ends on Weems Road (Sudley Road to Longstreet Drive).

Water Plant Improvements (W-070)

Ongoing replacement and refurbishment of components at the Water Treatment Plant.

Water Meter AMR Upgrade (W-078)

Replacement of current failing AMI nodes with AMR nodes to increase reliability and assist in recapturing loss revenue due to failing technology

NEW CAPITAL PROJECTS

- Water Meter AMR Upgrade (W-078)
- Super Pulsator PLC Replacement (W-079)
- Dry Storage Structure (W-080)
- Conventional Filter Underdrain Replacement (W-081)

SUMMARY OF WATER CAPITAL PROJECTS

(\$ in Thousands)

Cost Estimates	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Planning	2,275	250	-	400	-	-	-	2,925	650
Land	-	-	-	-	-	-	-	-	-
Construction	58,817	2,230	-	-	900	900	-	62,847	4,030
Total Cost:	61,092	2,480	-	400	900	900	-	65,772	4,680

Funding Sources

General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	12,980	1,779	-	400	900	900	-	16,959	3,979
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	25,412	51	-	-	-	-	-	25,463	51
State	-	-	-	-	-	-	-	-	-
Federal	22,700	-	-	-	-	-	-	22,700	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	650	-	-	-	-	-	650	650
Total Funding:	61,092	2,480	-	400	900	900	-	65,772	4,680

Operating Impacts

Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Revenue	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-	-
Debt Service	-	-	(3)	(3)	(3)	(3)	(44)	(56)	(12)
Net Revenue:	-	-	(3)	(3)	(3)	(3)	(44)	(56)	(12)

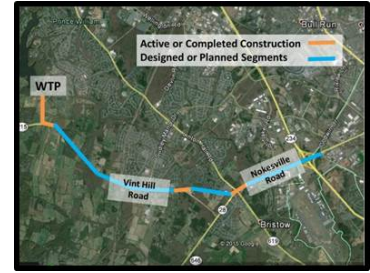
WATER CAPITAL PROJECT LISTING

(\$ in Thousands)

Project Name:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
24" Transmission Main	34,546	1,354	-	-	-	-	-	35,900	1,354
Finished Water Capacity Increases	7,600	-	-	-	-	-	-	7,600	-
Clear-Well Addition and Roof	8,946	826	-	-	-	-	-	9,772	826
Nokesville Road Water Main	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	-	-	-	200	500	500	-	1,200	1,200
Total:	61,092	2,480	-	400	900	900	-	65,772	4,680

W-042 24" Transmission Main Replacement

Year Introduced: 2007
Change: Expanded Scope
Associated Proj: T-039
Program Area: Water **Est. Start:** 07/01/2012
Managing Dept: Utilities **Est. Comp:** 12/30/2025
Manager: T. Dawood
Plan Conformance: CFI 7.4.3; CFI 7.4.11;



Description:

Replace the existing 45-year old water transmission main with a 36" water transmission main in order to increase reliability and water transmission capacity from the Water Treatment Plant to the City. The main is approaching the end of its useful life and experiences unacceptable hydraulic conditions during peak demand periods. Two phases have already been completed, one phase is in construction and half completed, three more phases are in design, and the last is being planned out. The project will be coordinated with both City roadway improvements and Prince William County roadway improvements. Additional Water Fund funding have been added in FY 2024 to complete the Dean Drive segment to the water tank.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	1,225	-	-	-	-	-	-	1,225
Land	-	-	-	-	-	-	-	-
Construction	33,321	1,354	-	-	-	-	-	34,675
Total Cost:	34,546	1,354	-	-	-	-	-	35,900

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	8,130	1,354	-	-	-	-	-	9,484
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	10,416	-	-	-	-	-	-	10,416
State	-	-	-	-	-	-	-	-
Federal	16,000	-	-	-	-	-	-	16,000
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	34,546	1,354	-	-	-	-	-	35,900

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

W-047 Finished Water Capacity Increases

Year Introduced: 2009
Change: Timeline
Associated Proj: W-065
Program Area: Water
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.1; CFI 7.4.3;

Est. Start: 07/01/2013
Est. Comp: 06/30/2025



Description:

Due to growth in the City and increased water demands during the summer months, it is anticipated that additional capacity will be required in the future. The finished water capacity increase will increase to 18 mgd. The project will reduce reliance on Prince William County Service Authority interconnects.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	750	-	-	-	-	-	-	750
Land	-	-	-	-	-	-	-	-
Construction	6,850	-	-	-	-	-	-	6,850
Total Cost:	7,600	-	-	-	-	-	-	7,600

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	7,600	-	-	-	-	-	-	7,600
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	7,600	-	-	-	-	-	-	7,600

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

W-065 Clear-Well Addition and Roof Renovation

Year Introduced: 2011
Change: Increased Estimate
Associated Proj: W-047
Program Area: Water
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.3

Est. Start: 07/01/2017
Est. Comp: 06/30/2025



Description:

Construct a second clear-well to improve reliability of the treatment plant per current design standards. With the new clear-well online, the roof of the existing clear-well will be rehabilitated due to age and observed deterioration identified during an inspection. This project ensures the ability to continue to provide water to the City's customers increasing the current 1.3 MGD capacity to 2.6 MGD.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	200	250	-	-	-	-	-	450
Land	-	-	-	-	-	-	-	-
Construction	8,746	576	-	-	-	-	-	9,322
Total Cost:	8,946	826	-	-	-	-	-	9,772

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	3,550	125	-	-	-	-	-	3,675
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	5,396	51	-	-	-	-	-	5,447
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	650	-	-	-	-	-	650
Total Funding:	8,946	826	-	-	-	-	-	9,772

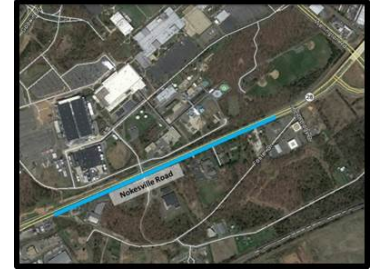
Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	(3)	(3)	(3)	(3)	(44)	(56)
Net Revenue:	-	-	(3)	(3)	(3)	(3)	(44)	(56)

W-066 Nokesville Road Water Main Upgrade

Year Introduced: 2012
Change: No Change
Associated Proj: N/A
Program Area: Water
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.3

Est. Start: 07/01/2022
Est. Comp: 06/30/2024



Description:

Upgrade 3,200 feet of 8" steel pipe to 16" pipe on Route 28 (Foster Drive to Technology Drive). The new pipe will connect to the existing 24" transmission main and extend 3,200 feet northward to connect with the 16" line installed with the Route 28 Overpass project. This project reduces the potential for breaks in an identified trouble area and is consistent with meeting the City's initiative to improve distribution system operations.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	100	-	-	-	-	-	-	100
Land	-	-	-	-	-	-	-	-
Construction	1,200	-	-	-	-	-	-	1,200
Total Cost:	1,300	-	-	-	-	-	-	1,300

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	1,300	-	-	-	-	-	-	1,300
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	1,300	-	-	-	-	-	-	1,300

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

W-072 Surge Tank Expansion

Year Introduced: 2021
Change: Timeline
Associated Proj: W-047
Program Area: Water
Managing Dept: Utilities
Manager: M. Nicholson
Plan Conformance: CFI 7.4.3

Est. Start: 01/01/2021
Est. Comp: 06/30/2024



Description:

Design and construction of an additional surge tank to meet the needs of increased capacity from the current rate of 14 MGD to 18 MGD. All process flow goes to the surge tank including backwash water, basin sludge, pulsator blowdowns and various sump pits. It has become increasingly more difficult to pump the surge tank between the next set of backwashes and basin cleanouts.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	2,000	-	-	-	-	-	-	2,000
Total Cost:	2,000	-	-	-	-	-	-	2,000

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	2,000	-	-	-	-	-	-	2,000
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	2,000	-	-	-	-	-	-	2,000

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

W-076 Screw Press Decant

Year Introduced: 2021
Change: Timeline
Associated Proj: W-047
Program Area: Water
Managing Dept: Utilities
Manager: M. Nicholson
Plan Conformance: CFI 7.4.3

Est. Start: 01/01/2021
Est. Comp: 06/30/2024



Description:

Installation of a screw press decant to optimize the solids removal for more efficient disposal using ARPA funding. With the future upgrade there will be an increase in sludge generated from the treatment process. Additionally, the upgrade will reduce the potential of violations associated with the National Pollution Discharge Elimination System permit.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	6,700	-	-	-	-	-	-	6,700
Total Cost:	6,700	-	-	-	-	-	-	6,700

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	6,700	-	-	-	-	-	-	6,700
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	6,700	-	-	-	-	-	-	6,700

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

W-079 Super Pulsator PLC Replacement

Year Introduced: 2024
Change: New Project
Associated Proj: W-047
Program Area: Water
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.3

Est. Start: 08/01/2023
Est. Comp: 02/28/2024



Description:

The current PLC has been exposed to a corrosive environment for many years. The wiring and contacts are corroded and have failed in the past. This usually requires the Controls & Communications department to respond and locate the problem. There are other aspects of Plant Operations that are routed through that panel. The Ammonia Feed System (which is normally flow paced) is routed in that panel.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	300	-	-	-	-	-	300
Total Cost:	-	300	-	-	-	-	-	300

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	300	-	-	-	-	-	300
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	300	-	-	-	-	-	300

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

W-080 Dry Storage Structure (Pole Barn)

Year Introduced: 2024
Change: New Project
Associated Proj: W-070
Program Area: Water
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.3

Est. Start: 07/01/2025
Est. Comp: 06/30/2028



Description:

Dry Storage Structure (Pole Barn) to store dry chemicals, pumps, mixers, equipment. This will also increase our chemical inventory

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	200	-	-	-	200
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	400	400	-	800
Total Cost:	-	-	-	200	400	400	-	1,000

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	200	400	400	-	1,000
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	200	400	400	-	1,000

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

W-081 Conventional Filter Underdrain Replacement

Year Introduced: 2024
Change: New Project
Associated Proj: W-047
Program Area: Water
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.3

Est. Start: 08/01/2025
Est. Comp: 06/01/2029



Description:

The underdrain system is vital to the filter performance. The underdrain system allows for proper backwashes. Proper backwashes increase filter efficiency and run times. Lower run times mean more backwashes and a greater strain on our dewatering situation. Proper backwashes also help prevent filter problems like 'mudballs'.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	200	-	-	-	200
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	500	500	-	1,000
Total Cost:	-	-	-	200	500	500	-	1,200

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	200	500	500	-	1,200
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	200	500	500	-	1,200

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

WATER MAINTENANCE CAPITAL PROJECT LISTING

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 the Water program.

Project Name	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Main Replacement / Looping	4,144	400	400	400	400	400	-	6,144
Water Plant Improvements	2,617	600	600	600	600	600	-	5,617
Conventional Filter Rehabilitation	488	-	-	-	300	300	300	1,388
Water Meter AMR Upgrade	304	300	300	400	400	-	-	1,704
Total Cost:	7,553	1,300	1,300	1,400	1,700	1,300	300	14,853

Funding Sources

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	5,861	1,300	1,300	1,400	1,700	1,300	300	13,161
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	1,692	-	-	-	-	-	-	1,692
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	7,553	1,300	1,300	1,400	1,700	1,300	300	14,853

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ELECTRIC PROGRAM

The Electric Program is administered by the Utilities Department. The program is designed to achieve five primary strategic objectives:

- 1) Replace and/or rehabilitate aging infrastructure;
- 2) Maintain or increase system reliability;
- 3) Improve system efficiency;
- 4) Address system growth; and
- 5) Regulatory compliance.

The City owns and maintains the electric distribution system within the City limits. The electrical system consists of 205 miles of primary lines; 15,150 electric meters, 6 electric substations, and 31 diesel generators that are used to reduce electric costs in the City. The annual peak electric load is 140 megawatts (MW).

PRIOR YEAR ACCOMPLISHMENTS

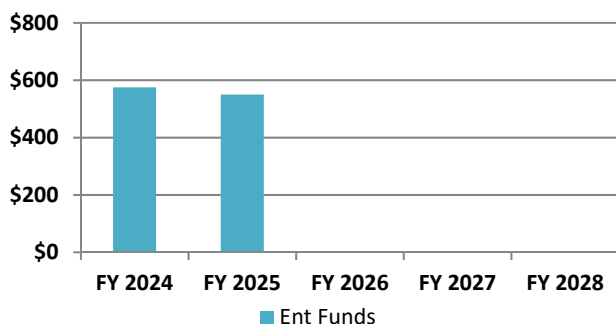
The Electric Program is investing every year in ongoing projects to maintain and upgrade the electrical distribution infrastructure Transmission & Distribution Maintenance (E-030), and Substation Capacity/Reliability Improvements (E-037). The ongoing project placing Overhead Lines Underground (E-033) completed work on the southside of Sudley Road from Stonewall Road to Digges Road.

The spending on maintenance and upgrades of the electrical distribution directly contributes to the City's excellent power service availability of 99.99%. This translates to less than 52 minutes of outage time for the average consumer in a year.

THE FIVE-YEAR PLAN (FY 2024 – FY 2028)

The FY 2024 Five-Year Capital Improvement Program (CIP) includes a \$1,125,000 transfer from the Electric Fund.

FY 2024 funding consists of a \$575,000 transfer from the Electric Fund.



(Dollars in Thousands)

FY 2024 CAPITAL PROJECTS

LED Streetlight Replacement (E-034)

Upgrade all Manassas City streetlights (approximately 2,800) to LED over seven years.

Manassas Airport Distribution Improvements (E-035)

Develop an electrical infrastructure replacement and upgrade plan at the Airport to include adding switching options for redundancy and upgrade of backup generation.

FY 2024 MAINTENANCE CAPITAL PROJECTS

Transmission & Distribution Maintenance (E-030)

Replace cables and terminations on Waterford Drive and Cloverhill Road



Alternative Generation Initiatives (E-031)

Maintain and upgrade generation assets to meet changing emissions requirements and investigate new technologies to provide alternative peak-shaving methods

Place Overhead Lines Underground (E-033)

Relocation of utility services underground along Douglas Street, Mathis Avenue, and Irving Street

Substation Capacity/Reliability Improvements (E-037)

Perform major maintenance and capacity improvements to the four City-owned distribution substations.

Distribution Switching Capabilities (E-038)

Improve reliability and switching operations by replacing manual switches with automatically operated devices.

NEW CAPITAL PROJECTS

There are no new projects in the Electric program.

SUMMARY OF ELECTRIC CAPITAL PROJECTS

(\$ in Thousands)

Cost Estimates	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Planning	3,575	-	-	-	-	-	-	3,575	-
Land	-	-	-	-	-	-	-	-	-
Construction	45,705	575	550	-	-	-	-	46,830	1,125
Total Cost:	49,280	575	550	-	-	-	-	50,405	1,125

Funding Sources

General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	2,580	575	550	-	-	-	-	3,705	1,125
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	46,700	-	-	-	-	-	-	46,700	-
Total Funding:	49,280	575	550	-	-	-	-	50,405	1,125

Operating Impacts

Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Revenue	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-	-

ELECTRIC CAPITAL PROJECT LISTING

(\$ in Thousands)

Project Name:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
New Fiber Optic Loop/Ring	505	-	-	-	-	-	-	505	-
LED Streetlight Replacement	700	125	100	-	-	-	-	925	225
Manassas Airport Distribution	1,325	450	-	-	-	-	-	1,775	450
Distribution Facility Relocations (Pr	50	-	450	-	-	-	-	500	450
AWS/BCG Substation	43,700	-	-	-	-	-	-	43,700	-
Lockheed Substation	3,000	-	-	-	-	-	-	3,000	-
Total:	49,280	575	550	-	-	-	-	50,405	1,125

E-032 New Fiber Optic Loop/Ring

Year Introduced: 2015
Change: No Change
Associated Proj: E-039
Program Area: Electric
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.8

Est. Start: 07/01/2016
Est. Comp: 06/30/2025



Description:

Identify needs of self-healing rings/loops using fiber optic paths for priority services. Install new fiber optic cabling to provide priority services to the necessary redundancy loops/rings. This will improve reliability of critical infrastructure networks and public safety services.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	505	-	-	-	-	-	-	505
Total Cost:	505	-	-	-	-	-	-	505

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	505	-	-	-	-	-	-	505
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	505	-	-	-	-	-	-	505

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

E-034 LED Streetlight Replacement

Year Introduced: 2017
Change: No Change
Associated Proj: N/A
Program Area: Electric
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.10

Est. Start: 07/01/2016
Est. Comp: 06/30/2025



Description:

Upgrade all Manassas City streetlights (approx. 2,900) to LED over seven years. As of FY 2023, approximately 2,000 have been replaced.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	50	-	-	-	-	-	-	50
Land	-	-	-	-	-	-	-	-
Construction	650	125	100	-	-	-	-	875
Total Cost:	700	125	100	-	-	-	-	925

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	700	125	100	-	-	-	-	925
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	700	125	100	-	-	-	-	925

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

E-035 Manassas Airport Distribution Improvements

Year Introduced: 2020
Change: Timeline
Associated Proj: N/A
Program Area: Electric
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.8

Est. Start: 07/01/2019
Est. Comp: 06/30/2025



Description:

The electrical distribution system at Manassas Regional Airport has been installed over time without a coordinated plan for redundancy and reliability. This project will study the new loads planned at the Airport and develop a replacement and upgrade plan for the electrical infrastructure. This will include adding switching options for redundancy and a review and upgrade of the backup generation.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	75	-	-	-	-	-	-	75
Land	-	-	-	-	-	-	-	-
Construction	1,250	450	-	-	-	-	-	1,700
Total Cost:	1,325	450	-	-	-	-	-	1,775

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	1,325	450	-	-	-	-	-	1,775
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	1,325	450	-	-	-	-	-	1,775

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

E-039 Distribution Facility Relocations (Pr Wm Water Tank Site)

Year Introduced: 2022
Change: Timeline
Associated Proj: E-032
Program Area: Electric
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.8

Est. Start: 07/01/2022
Est. Comp: 06/30/2026



Description:

This is a project to complete all the electric work needed to accommodate the removal of the existing Water Tank at Prince William Substation. The scope of work includes the relocation of two Prince William Distribution Circuits (Ckt. 101 & Ckt. 102) that are in conflict up to the first manhole, demolishing and removing the existing control building and installing a new pre-fab control building with pad and foundation. The scope of work includes the removal of all communication antennas and fiber optic circuits and relocating them to the new location.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	50	-	-	-	-	-	-	50
Land	-	-	-	-	-	-	-	-
Construction	-	-	450	-	-	-	-	450
Total Cost:	50	-	450	-	-	-	-	500

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	50	-	450	-	-	-	-	500
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	50	-	450	-	-	-	-	500

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

E-040 AWS/BCG Substation

Year Introduced: 2022
Change: Timeline
Associated Proj: N/A
Program Area: Electric
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.8

Est. Start: 07/01/2021
Est. Comp: 12/31/2024



Description:

This is a project to build a new, dedicated, dual-feed electric substation for the sole purpose of serving an industrial-grade customer electric load. The scope of work includes the planning, engineering, design, and build of the electric substation including high side delivery point tap fee, two (2) 50 MVA transformers, two (2) 230 KV gas circuit breakers, switchgear, control house, battery banks & back up systems, UG cables and protection relays.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	3,100	-	-	-	-	-	-	3,100
Land	-	-	-	-	-	-	-	-
Construction	40,600	-	-	-	-	-	-	40,600
Total Cost:	43,700	-	-	-	-	-	-	43,700

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	43,700	-	-	-	-	-	-	43,700
Total Funding:	43,700	-	-	-	-	-	-	43,700

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

E-042 Lockheed Substation Relocation/Upgrade

Year Introduced: 2023
Change: Timeline
Associated Proj: N/A
Program Area: Electric
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.8

Est. Start: 07/01/2022
Est. Comp: 12/31/2024



Description:

This project involves the reclassification and relocation of the Lomar Energy Delivery Point to Dominion Energy Cannon Branch substation and upgrade the delivery point to 230 KV. In order to meet NERC/PJM Standards, Dominion Energy is required to convert the existing 115 KV lines to a new 230 KV system.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	300	-	-	-	-	-	-	300
Land	-	-	-	-	-	-	-	-
Construction	2,700	-	-	-	-	-	-	2,700
Total Cost:	3,000	-	-	-	-	-	-	3,000

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	3,000	-	-	-	-	-	-	3,000
Total Funding:	3,000	-	-	-	-	-	-	3,000

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

ELECTRIC MAINTENANCE CAPITAL PROJECT LISTING

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 the Electric program.

Project Name	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Electric T&D Maintenance and	6,147	800	800	800	800	800	-	10,147
Alternative Generation Initiatives	2,650	300	300	300	300	300	-	4,150
Place Overhead Lines Underground (Non-	3,225	500	500	500	500	500	-	5,725
Substation Capacity and Reliability	1,300	350	350	350	350	350	-	3,050
Distribution Switching Capabilities	260	110	-	110	-	110	-	590
Total Cost:	13,582	2,060	1,950	2,060	1,950	2,060	-	23,662

Funding Sources

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	13,438	2,060	1,950	2,060	1,950	2,060	-	23,518
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	144	-	-	-	-	-	-	144
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	13,582	2,060	1,950	2,060	1,950	2,060	-	23,662

STORMWATER PROGRAM

The Stormwater Program is administered by the Engineering Department. Major Stormwater Division objectives include the following items:

- 1) Compliance with the General Permit for discharges of stormwater from the City's Small Municipal Separate Storm Sewer System (MS4), as issued by the Virginia Department of Environmental Quality (VADEQ). The MS4 permit requires:
 - Reduction in discharges of stormwater pollutants;
 - Water quality protection of streams and rivers within the City; and
 - Enforcement of State Water Control laws to satisfy water quality requirements.
- 2) Mitigation of flooding by assuring proper conveyance of stormwater runoff via infrastructure operations



Sills Warehouse Stormwater Pond

PRIOR YEAR ACCOMPLISHMENTS

The stormwater utility annually invests in ongoing and new projects to maintain and improve stormwater management. Full implementation of the adopted CIP will accrue sediment and nutrient pollution reduction credits. These credits apply to MS4 Stormwater Program requirements and Total Maximum Daily Load (TMDL) program requirements due in 2022 and 2028.

Recent and ongoing projects include:

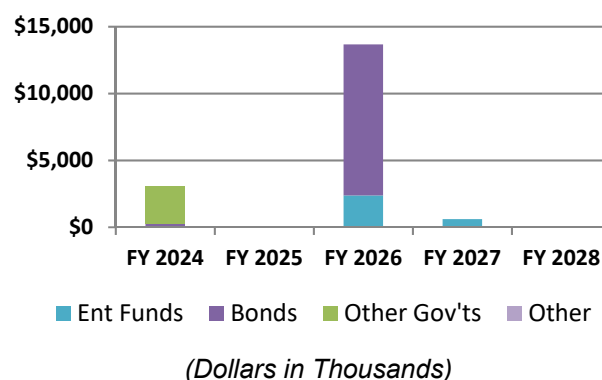
- 1) Retrofit design completed for Lucasville, and Sills Warehouse/Euclid Industrial Park SWMFs;
- 2) Liberia Stream Restoration Design
- 3) Winters Branch Regional SWMF Repair Design;
- 4) City-wide Stormwater Management Facility Deferred Maintenance Program;
- 5) Targeted Storm Sewer Investigations and Repair Preparations; and
- 6) Floodplain Assessment and Map Update Project.

THE FIVE-YEAR PLAN (FY 2024 – FY 2024)

The FY 2024 Five-Year Capital Improvement Program includes:

- \$3,050,000 Transfer from Stormwater Fund
- \$11,575,000 Bonds
- \$2,804,000 State and Federal Aid

FY 2024 funding consists of \$275,000 in Bond Proceeds and \$2,804,000 in State and Federal Aid.



FY 2024 CAPITAL PROJECTS

Major projects expected to begin construction:

- Euclid/Sills Warehouse SWMF Retrofit (D-009)
- Liberia Stream Restoration (D-027)
- Winters Branch Pond Rehabilitation (D-037)
- Lucasville Regional Pond Retrofit (D-039)

Major projects expected to complete design:

- Round Elementary Pond Retrofit and Stream Restoration (D-036)
- Oakenshaw Regional Ponds Retrofit (D-042)
- New Britain Regional Pond Retrofit (D-043)

FY 2024 MAINTENANCE CAPITAL PROJECTS

Maintenance capital projects in the Stormwater Program include recurring maintenance of drainage infrastructure (D-035 & D-038) to ensure the integrity of the system, extend infrastructure lifespan, and reduce localized flooding issues. A multi-year project to update outdated FEMA floodplain maps (D-030) is also funded.

NEW CAPITAL PROJECTS

- Battle/Ewell/West Street Drainage (D-041)

SUMMARY OF STORMWATER CAPITAL PROJECTS

(\$ in Thousands)

Cost Estimates	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Planning	1,796	75	75	925	75	-	-	2,946	1,150
Land	-	-	-	-	-	-	-	-	-
Construction	12,124	3,004	-	12,750	525	-	-	28,403	16,279
Total Cost:	13,920	3,079	75	13,675	600	-	-	31,349	17,429

Funding Sources

General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	200	-	75	2,375	600	-	-	3,250	3,050
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	2,180	275	-	11,300	-	-	-	13,755	11,575
State	774	2,804	-	-	-	-	-	3,578	2,804
Federal	9,047	-	-	-	-	-	-	9,047	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	1,719	-	-	-	-	-	-	1,719	-
Total Funding:	13,920	3,079	75	13,675	600	-	-	31,349	17,429

Operating Impacts

Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Revenue	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-	-
Debt Service	-	-	(15)	(15)	(637)	(637)	(11,429)	(12,733)	(1,304)
Net Revenue:	-	-	(15)	(15)	(637)	(637)	(11,429)	(12,733)	(1,304)

STORMWATER CAPITAL PROJECT LISTING

(\$ in Thousands)

Project Name:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Euclid/Sills Warehouse Pond	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	-	-	75	75	600	-	-	750	750
Round Elementary Pond Retrofit &	4,314	1,504	-	-	-	-	-	5,818	1,504
Winters Branch Pond	1,050	-	-	-	-	-	-	1,050	-
Lucasville Regional Pond Retrofit	1,950	-	-	-	-	-	-	1,950	-
Cannon Branch/Flat Branch	-	-	-	6,400	-	-	-	6,400	6,400
Battle/Ewell/West Street Drainage	-	275	-	-	-	-	-	275	275
Oakenshaw Regional Ponds	-	-	-	2,300	-	-	-	2,300	2,300
New Britain Regional Pond Retrofit	2,800	-	-	-	-	-	-	2,800	-
Stonewall Park Stormwater	1,000	-	-	-	-	-	-	1,000	-
Total:	13,920	3,079	75	13,675	600	-	-	31,349	17,429

D-009 Euclid/Sills Warehouse Pond Retrofit

Year Introduced: 2000
Change: Increased Estimate
Associated Proj: N/A
Program Area: Stormwater **Est. Start:** 07/01/2021
Managing Dept: Engineering **Est. Comp:** 06/30/2024
Manager: L. Kilby
Plan Conformance: CFI 7.4.7



Description:

Retrofit existing uncredited dry pond to a Level 1 extended detention facility that provides water quality and quantity controls. This will assist the City in meeting the Total Maximum Daily Load (TMDL) program nutrient reductions.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	125	-	-	-	-	-	-	125
Land	-	-	-	-	-	-	-	-
Construction	734	-	-	-	-	-	-	734
Total Cost:	859	-	-	-	-	-	-	859

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	186	-	-	-	-	-	-	186
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	584	-	-	-	-	-	-	584
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	89	-	-	-	-	-	-	89
Total Funding:	859	-	-	-	-	-	-	859

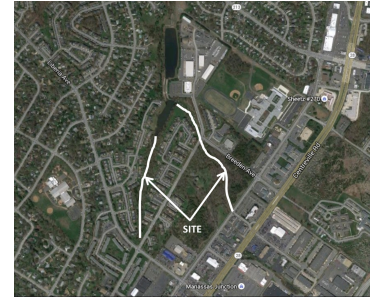
Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

D-027 Liberia Stream Restoration

Year Introduced: 2016
Change: Funding Source
Associated Proj: T-052
Program Area: Stormwater
Managing Dept: Engineering
Manager: L. Kilby
Plan Conformance: CFI 7.4.7

Est. Start: 07/01/2021
Est. Comp: 06/30/2024



Description:

Repair the eroded stream banks along Flat Branch Creek through the Liberia historic site. Stabilize and protect the stream from further erosion. This project will result in Total Maximum Daily Load (TMDL) program credit. ARPA funding will be utilized. State SLAF grant is shown in FY 2024.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	500	-	-	-	-	-	-	500
Land	-	-	-	-	-	-	-	-
Construction	1,447	1,300	-	-	-	-	-	2,747
Total Cost:	1,947	1,300	-	-	-	-	-	3,247

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	1,300	-	-	-	-	-	1,300
Federal	1,947	-	-	-	-	-	-	1,947
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	1,947	1,300	-	-	-	-	-	3,247

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

D-028 Sumner Lake Stream Restoration

Year Introduced: 2023
Change: No Change
Associated Proj: N/A
Program Area: Stormwater
Managing Dept: Engineering
Manager: L. Kilby
Plan Conformance: CFI 7.4.7

Est. Start: 07/01/2025
Est. Comp: 06/30/2028



Description:

Repair the eroded stream banks from just upstream of Sumner Lake to Grant Avenue. Stabilize and protect the stream bank from further erosion. This project will qualify for Total Maximum Daily Load (TMDL) pollution reduction credit.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	600	-	-	-	600
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	4,300	-	-	-	4,300
Total Cost:	-	-	-	4,900	-	-	-	4,900

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	4,900	-	-	-	4,900
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	4,900	-	-	-	4,900

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	(270)	(270)	(4,850)	(5,390)
Net Revenue:	-	-	-	-	(270)	(270)	(4,850)	(5,390)

D-034 Public Facilities Stormwater Management Improvements

Year Introduced: 2023
Change: Moved From Future
Associated Proj: N/A
Program Area: Stormwater
Managing Dept: Engineering
Manager: L. Kilby
Plan Conformance: CFI 7.4.7

Est. Start: 07/01/2024
Est. Comp: 06/30/2028



Description:

Allow for additional stormwater management facilities for TMDL credit on City-owned properties during future redevelopment projects. These projects will build TMDL program pollution reduction credits and serve as centerpieces of the MS4 education program.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	75	75	75	-	-	225
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	525	-	-	525
Total Cost:	-	-	75	75	600	-	-	750

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	75	75	600	-	-	750
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	75	75	600	-	-	750

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

D-036 Round Elementary Pond Retrofit & Stream Restoration

Year Introduced: 2022
Change: Funding Source
Associated Proj: N/A
Program Area: Stormwater
Managing Dept: Engineering
Manager: L. Kilby
Plan Conformance: CFI 7.4.7

Est. Start: 07/01/2021
Est. Comp: 06/30/2025



Description:

Renovate existing dry pond that provides water quality and quantity controls using ARPA funding to include culvert replacement and pond maintenance. Project will also include restoration of up to 2,000 LF of upstream bank improvements on public property. This will assist the City in meeting the Total Maximum Daily Load (TMDL) program nutrient reductions as required by VADEQ and USEPA. State SLAF grant is shown in FY 2024.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	275	-	-	-	-	-	-	275
Land	-	-	-	-	-	-	-	-
Construction	4,039	1,504	-	-	-	-	-	5,543
Total Cost:	4,314	1,504	-	-	-	-	-	5,818

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	14	-	-	-	-	-	-	14
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	1,504	-	-	-	-	-	1,504
Federal	4,300	-	-	-	-	-	-	4,300
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	4,314	1,504	-	-	-	-	-	5,818

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

D-037 Winters Branch Pond Rehabilitation

Year Introduced: 2022
Change: Reduced Scope
Associated Proj: N/A
Program Area: Stormwater
Managing Dept: Engineering
Manager: L. Kilby
Plan Conformance: CFI 7.4.7



Description:

Rehabilitation of the Winters Branch SWM Pond to restore functionality. Plans include restoration of the aquatic bench plantings, repair of the damaged sluice gate, dredging of both the main pond and forebay, and installation of a viewing platform.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	100	-	-	-	-	-	-	100
Land	-	-	-	-	-	-	-	-
Construction	950	-	-	-	-	-	-	950
Total Cost:	1,050	-	-	-	-	-	-	1,050

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	450	-	-	-	-	-	-	450
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	600	-	-	-	-	-	-	600
Total Funding:	1,050	-	-	-	-	-	-	1,050

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

D-039 Lucasville Regional Pond Retrofit

Year Introduced: 2022
Change: No Change
Associated Proj: N/A
Program Area: Stormwater
Managing Dept: Engineering
Manager: L. Kilby
Plan Conformance: CFI 7.4.7

Est. Start: 07/01/2021
Est. Comp: 06/30/2024



Description:

Retrofit existing uncredited wet pond to a Level 2 wet pond facility that provides water quality and quantity controls. This will assist the City in meeting the Total Maximum Daily Load (TMDL) program nutrient reductions.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	296	-	-	-	-	-	-	296
Land	-	-	-	-	-	-	-	-
Construction	1,654	-	-	-	-	-	-	1,654
Total Cost:	1,950	-	-	-	-	-	-	1,950

Funding Sources:

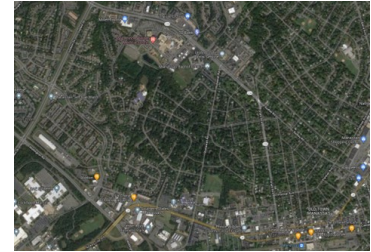
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	146	-	-	-	-	-	-	146
State	774	-	-	-	-	-	-	774
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	1,030	-	-	-	-	-	-	1,030
Total Funding:	1,950	-	-	-	-	-	-	1,950

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

D-040 Cannon Branch/Flat Branch Stream Restoration

Year Introduced: 2023
Change: Expanded Scope
Associated Proj: N/A
Program Area: Stormwater **Est. Start:** 07/01/2025
Managing Dept: Engineering **Est. Comp:** 06/30/2030
Manager: L. Kilby
Plan Conformance: CFI 7.4.7



Description:

Continuation of streambank stabilization efforts in and around the City, focusing on drainage areas between Liberia Avenue and Wellington Road, from Godwin Drive to Rt. 28. This project will result in Total Maximum Daily Load (TMDL) pollution reduction credit and the stabilization of eroding stream banks.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	6,400	-	-	-	6,400
Total Cost:	-	-	-	6,400	-	-	-	6,400

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	6,400	-	-	-	6,400
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	6,400	-	-	-	6,400

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	(352)	(352)	(6,336)	(7,040)
Net Revenue:	-	-	-	-	(352)	(352)	(6,336)	(7,040)

D-041 Battle/Ewell/West Street Drainage Improvements

Year Introduced: 2024
Change: New Project
Associated Proj: N/A
Program Area: Stormwater
Managing Dept: Engineering
Manager: L. Kilby
Plan Conformance: CFI 7.4.7

Est. Start: 07/01/2023
Est. Comp: 06/30/2025



Description:

Improvements to the Battle/Ewell Street drainage system to reduce localized flooding and address citizen's concerns. Scope includes improving drainage channels and providing adequate outfall to West Street.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	75	-	-	-	-	-	75
Land	-	-	-	-	-	-	-	-
Construction	-	200	-	-	-	-	-	200
Total Cost:	-	275	-	-	-	-	-	275

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	275	-	-	-	-	-	275
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	275	-	-	-	-	-	275

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	(15)	(15)	(15)	(15)	(243)	(303)
Net Revenue:	-	-	(15)	(15)	(15)	(15)	(243)	(303)

D-042 Oakenshaw Regional Ponds Retrofit

Year Introduced: 2023
Change: Increased Estimate
Associated Proj: N/A
Program Area: Stormwater
Managing Dept: Engineering
Manager: L. Kilby
Plan Conformance: CFI 7.4.7

Est. Start: 07/21/2022
Est. Comp: 06/30/2027



Description:

Retrofit of both existing Oakenshaw City stormwater management facilities for TMDL pollution reduction credits and necessary maintenance. This project is also needed to meet requirement for MS4 permit compliance by the 2028 deadline.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	250	-	-	-	250
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	2,050	-	-	-	2,050
Total Cost:	-	-	-	2,300	-	-	-	2,300

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	2,300	-	-	-	2,300
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	2,300	-	-	-	2,300

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

D-043 New Britain Regional Pond Retrofit

Year Introduced: 2023
Change: Funding Source
Associated Proj: N/A
Program Area: Stormwater **Est. Start:** 07/01/2022
Managing Dept: Engineering **Est. Comp:** 06/30/2024
Manager: L. Kilby
Plan Conformance: CFI 7.4.7



Description:

Retrofit of existing City stormwater facility to restore functionality, remove sediment, and remove the pond from the state-regulated dam list. The retrofit may also provide TMDL pollution reduction credits for MS4 permit compliance by the 2028 deadline. ARPA funding will be utilized for this project.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	350	-	-	-	-	-	-	350
Land	-	-	-	-	-	-	-	-
Construction	2,450	-	-	-	-	-	-	2,450
Total Cost:	2,800	-	-	-	-	-	-	2,800

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	2,800	-	-	-	-	-	-	2,800
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	2,800	-	-	-	-	-	-	2,800

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

D-044 Stonewall Park Stormwater Enhancements

Year Introduced: 2023
Change: Decreased Estimate
Associated Proj: C-048
Program Area: Stormwater **Est. Start:** 07/01/2022
Managing Dept: Engineering **Est. Comp:** 06/30/2024
Manager: L. Kilby
Plan Conformance:



Description:

Design and construct stormwater facilities in Stonewall Park. Design is anticipated to include multiple water quantity control facilities to provide the minimum design needed for the park improvements, plus an additional 20% nutrient removal towards meeting MS-4 and DEQ requirements.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	150	-	-	-	-	-	-	150
Land	-	-	-	-	-	-	-	-
Construction	850	-	-	-	-	-	-	850
Total Cost:	1,000	-	-	-	-	-	-	1,000

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	1,000	-	-	-	-	-	-	1,000
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	1,000	-	-	-	-	-	-	1,000

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

STORMWATER MAINTENANCE CAPITAL PROJECT LISTING

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 the Stormwater program.

Project Name	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
SWMF Annual/Deferred Maintenance	1,755	-	-	-	-	-	-	1,755
Floodplain Mapping Update Program	445	125	125	125	125	125	-	1,070
Drainage Maintenance & Construction	1,144	500	500	500	500	500	-	3,644
Upstream Inspections & Repairs	1,050	500	500	500	500	500	-	3,550
Total Cost:	4,394	1,125	1,125	1,125	1,125	1,125	-	10,019

Funding Sources

General Fund	1,000	500	500	500	500	500	-	3,500
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	1,589	625	625	625	625	625	-	4,714
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	1,755	-	-	-	-	-	-	1,755
State	-	-	-	-	-	-	-	-
Federal	50	-	-	-	-	-	-	50
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	4,394	1,125	1,125	1,125	1,125	1,125	-	10,019

AIRPORT PROGRAM

The Airport Program is administered by the Airport Department. Manassas Regional Airport staff continues to undertake projects to ensure the Airport maintains safe, modern facilities that incorporate the latest in aviation technology while remaining fiscally responsible. The primary types of projects undertaken are planning, safety and capacity, revenue generation, and rehabilitation.



PRIOR YEAR ACCOMPLISHMENTS

West Corporate Development Site (A-087)

Completed the environmental assessment for the West Corporate Development site and drainage improvements.

Rehabilitation of Runway 16L/34R (A-091)

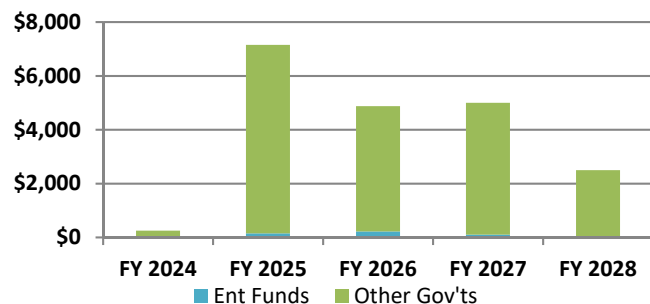
Completed installation of new lighting system on runway 16L/34R

THE FIVE-YEAR PLAN (FY 2024 – FY 2028)

The FY 2024 Five-Year Capital Improvement Program (CIP) includes

- \$539,000 Transfer from Airport Fund
- \$2,158,000 State Aid
- \$17,078,000 Federal Aid

FY 2024 funding consists of a \$14,000 transfer from the Airport Fund; \$56,000 in State Aid; and \$180,000 in Federal Aid.



(Dollars in Thousands)

The airport continues to maximize federal and state participation in funding its capital projects. The Federal Aviation Administration (FAA) funds ninety percent (90%) of eligible airport capital projects.

FY 2024 CAPITAL PROJECTS

Fuel Farm Upgrade (A-045)

Upgrade and repair existing fuel facility as well as expand containment area and complete environmental regulation upgrades as necessary

Rehabilitation of Runway 16L/34R

Rehabilitate of the airport's longest runway including the repaving and restriping of the runway



FY 2024 CAPITAL MAINTENANCE PROJECTS

Maintenance capital projects in the Airport Program include ongoing Airfield Paving (A-084) and Airfield Marking (A-100), continuation of security equipment upgrades (A-104), and improvements to the equipment storage building (A-106).

NEW CAPITAL PROJECTS

- Equipment Storage Building Upgrades (A-106)

SUMMARY OF AIRPORT CAPITAL PROJECTS

(\$ in Thousands)

Cost Estimates	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Planning	3,479	250	650	875	-	-	1,150	6,404	1,775
Land	-	-	-	-	-	-	7,300	7,300	-
Construction	8,191	-	6,500	4,000	5,000	2,500	25,050	51,241	18,000
Total Cost:	11,670	250	7,150	4,875	5,000	2,500	33,500	64,945	19,775

Funding Sources

General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	2,119	14	152	223	100	50	590	3,248	539
School Fund	-	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	18,850	18,850	-
State	876	56	608	894	400	200	2,360	5,394	2,158
Federal	8,675	180	6,390	3,758	4,500	2,250	11,700	37,453	17,078
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-	-
Total Funding:	11,670	250	7,150	4,875	5,000	2,500	33,500	64,945	19,775

Operating Impacts

Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Revenue	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	(650)	(650)	(650)	(650)	(650)	-	(3,250)	(3,250)
Program (Costs) Savings	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	(20,735)	(20,735)	-
Net Revenue:	-	(650)	(650)	(650)	(650)	(650)	(20,735)	(23,985)	(3,250)

AIRPORT CAPITAL PROJECT LISTING

(\$ in Thousands)

Project Name:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Air Traffic Control Tower	151	-	-	-	-	-	18,850	19,001	-
Fuel Farm Upgrade	-	50	50	500	-	-	-	600	600
Taxiway A Rehabilitation with	3,441	-	-	-	-	-	-	3,441	-
North East Apron Expansion	-	-	-	-	-	-	2,200	2,200	-
Rehab Taxiway B with Lighting	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	-	-	-	400	-	-	7,300	7,700	400
South West Hangar	-	-	-	200	-	-	-	200	200
Design Construct Taxilane X-Ray	-	-	200	-	2,000	-	-	2,200	2,200
Total:	11,670	250	7,150	4,875	5,000	2,500	33,500	64,945	19,775

A-030 Air Traffic Control Tower

Year Introduced: 2003
Change: Increased Estimate
Associated Proj: N/A
Program Area: Airport **Est. Start:**
Managing Dept: Airport **Est. Comp:**
Manager: J. Rivera
Plan Conformance: MOB 6.1.4; Airport Master Plan; Airport Strategic Plan



Description:

Design/construct a replacement Airport Traffic Control Tower to be located west of the existing site. Options: 1) FAA builds and maintains; 2) City builds, FAA leases for bond/interest payments; 3) City builds and FAA leases for bond interest payments and operating costs. The existing tower is at the end of its useful life and the maintenance cost is steadily increasing. (Project II-12 of Airport Layout Plan) State grant funding was received in FY 2023 to complete a siting study for the new tower.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	151	-	-	-	-	-	850	1,001
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	18,000	18,000
Total Cost:	151	-	-	-	-	-	18,850	19,001

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	30	-	-	-	-	-	-	30
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	18,850	18,850
State	121	-	-	-	-	-	-	121
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	151	-	-	-	-	-	18,850	19,001

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	(20,735)	(20,735)
Net Revenue:	-	-	-	-	-	-	(20,735)	(20,735)

A-045 Fuel Farm Upgrade

Year Introduced: 2004
Change: Moved From Future
Associated Proj: N/A
Program Area: Airport **Est. Start:** 07/01/2023
Managing Dept: Airport **Est. Comp:** 09/30/2025
Manager: J. Rivera
Plan Conformance: MOB 6.1.4; Airport Master Plan; Airport Strategic Plan



Description:

The fuel farm is approaching 30 years of age. There are approximately 3 million gallons of fuel that flow through the farm annually. As the fuel farm ages, the airport will need to upgrade and repair the facility. This may include expansion of the containment area and possible environmental regulation upgrades. This project is not in the Airport Layout Plan.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	50	50	-	-	-	-	100
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	500	-	-	-	500
Total Cost:	-	50	50	500	-	-	-	600

Funding Sources:

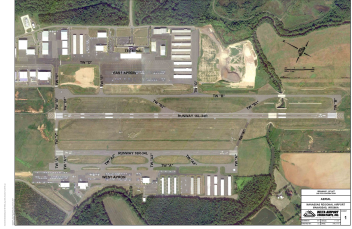
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	10	10	100	-	-	-	120
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	40	40	400	-	-	-	480
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	50	50	500	-	-	-	600

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

A-069 Taxiway A Rehabilitation with Lighting System Upgrades

Year Introduced: 2015
Change: Increased Estimate
Associated Proj: N/A
Program Area: Airport **Est. Start:** 09/01/2020
Managing Dept: Airport **Est. Comp:** 10/30/2023
Manager: J. Rivera
Plan Conformance: MOB 6.1.4; Airport Master Plan; Airport Strategic Plan



Description:

Rehabilitate Taxiway A located on the west side of the airport. Taxiway A is the parallel taxiway for runway 16R/34L and serves design Group II aircraft. The taxiway is reaching the end of its useful life and is showing signs of wear and sub-grade issues. This project includes the rehabilitation of the pavement, restriping, and the installation of LED taxiway lights. This project will only move forward if grant funds are approved by the State and/or FAA.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	250	-	-	-	-	-	-	250
Land	-	-	-	-	-	-	-	-
Construction	3,191	-	-	-	-	-	-	3,191
Total Cost:	3,441	-	-	-	-	-	-	3,441

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	69	-	-	-	-	-	-	69
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	275	-	-	-	-	-	-	275
Federal	3,097	-	-	-	-	-	-	3,097
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	3,441	-	-	-	-	-	-	3,441

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	(300)	(300)	(300)	(300)	(300)	-	(1,500)
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	(300)	(300)	(300)	(300)	(300)	-	(1,500)

A-072 North East Apron Expansion

Year Introduced: 2016
Change: No Change
Associated Proj: N/A
Program Area: Airport **Est. Start:**
Managing Dept: Airport **Est. Comp:**
Manager: J. Rivera
Plan Conformance: MOB 6.1.4; Airport Master Plan; Airport Strategic Plan



Description:

Expand the east ramp, north of Taxiway Echo. The project would include concrete hard stands that would be used to park heavier aircraft such as the Gulfstream V or a Boeing Business Jet (BBJ). The project would also include new lights, signage, and pavement striping. As the airport grows, there will be a need for additional parking areas for transient business type aircraft.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	200	200
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	2,000	2,000
Total Cost:	-	-	-	-	-	-	2,200	2,200

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	44	44
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	176	176
Federal	-	-	-	-	-	-	1,980	1,980
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	-	-	-	2,200	2,200

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

A-074 Rehab Taxiway B with Lighting System Upgrades

Year Introduced: 2017
Change: Timeline
Associated Proj: N/A
Program Area: Airport **Est. Start:** 07/01/2021
Managing Dept: Airport **Est. Comp:** 10/31/2024
Manager: J. Rivera
Plan Conformance: MOB 6.1.4; Airport Master Plan; Airport Strategic Plan



Description:

Taxiway B is showing signs of stress and wear and tear. The pavement has been crack sealed to extend its useful life, but it needs to be milled and overlaid. This project also includes widening the taxiway to 50 feet to accommodate the Boeing Business Jet (BBJ) and other aircraft that have outboard engines that hang over the grass when taxiing. This project includes replacing the existing taxiway edge lights with LED. The estimated cost of the LED lights is \$400,000 and will save the Airport money on energy cost.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	578	-	-	-	-	-	-	578
Land	-	-	-	-	-	-	-	-
Construction	5,000	-	-	-	-	-	-	5,000
Total Cost:	5,578	-	-	-	-	-	-	5,578

Funding Sources:

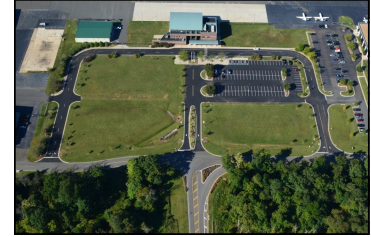
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	108	-	-	-	-	-	-	108
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	432	-	-	-	-	-	-	432
Federal	5,038	-	-	-	-	-	-	5,038
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	5,578	-	-	-	-	-	-	5,578

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

A-076 Terminal Parking Lot Expansion

Year Introduced: 2017
Change: No Change
Associated Proj: N/A
Program Area: Airport **Est. Start:**
Managing Dept: Airport **Est. Comp:**
Manager: J. Rivera
Plan Conformance: MOB 6.1.4; Airport Master Plan; Airport Strategic Plan



Description:

Expand the existing parking lot to the north to accommodate an additional 150 parking spaces. As activity at the terminal building increases, there will be a need for additional parking. This project is contingent on getting scheduled charter or some other event that would increase the amount of parking needed in and around the terminal building. This project will only move forward if grant funds are approved by the State and/or FAA.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	100	100
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	1,000	1,000
Total Cost:	-	-	-	-	-	-	1,100	1,100

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	220	220
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	880	880
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	-	-	-	1,100	1,100

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

A-085 Installation of Backup Generators

Year Introduced: 2018
Change: No Change
Associated Proj: N/A
Program Area: Airport **Est. Start:**
Managing Dept: Airport **Est. Comp:**
Manager: J. Rivera
Plan Conformance: MOB 6.1.4; Airport Strategic Plan - Obj. 2; Airport Master Plan



Description:

Purchase and install a back-up generator for the airfield lighting (80KW) system that includes runway 16L/34R and Taxiway B. This generator would also be a back-up for the PAPIs, wind cone, and the MALSR. A second generator would be purchased and installed for the airport terminal building (120KW). This generator would allow the terminal building to have continuing operations if electrical power was lost, as well as be used by the city for an emergency operations center if necessary.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	550	550
Total Cost:	-	-	-	-	-	-	550	550

Funding Sources:

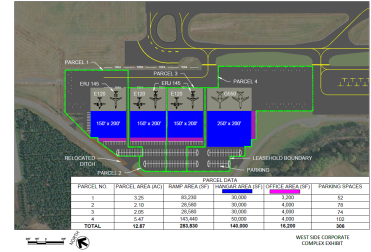
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	110	110
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	440	440
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	-	-	-	550	550

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

A-087 West Corporate Development Site / Drainage Improvements

Year Introduced: 2020
Change: Timeline
Associated Proj: S-026
Program Area: Airport **Est. Start:** 09/01/2019
Managing Dept: Airport **Est. Comp:** 08/30/2024
Manager: J. Rivera
Plan Conformance: MOB 6.1.4; Airport Master Plan; Airport Strategic Plan



Description:

This project would include the demolition of hangars and building facilities, draining, stormwater and grading improvements on 10 acres located on the North West side of the Airport for future development of corporate hangar facilities.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	1,900	-	-	-	-	-	-	1,900
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Total Cost:	1,900	-	-	-	-	-	-	1,900

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	1,900	-	-	-	-	-	-	1,900
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	1,900	-	-	-	-	-	-	1,900

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

A-091 Rehabilitation of Runway 16L/34R

Year Introduced: 2021
Change: Increased Estimate
Associated Proj: N/A
Program Area: Airport **Est. Start:** 10/01/2022
Managing Dept: Airport **Est. Comp:** 11/01/2025
Manager: J. Rivera
Plan Conformance: MOB 6.1.4; Airport Strategic Plan; Airport Master Plan



Description:

Runway 16L/34R is 6,200 feet long and is the longest runway at the Airport. The pavement has reached its useful life and needs to be replaced. This project entails the repaving of 16L/34, restriping of the runway, and the replacement of airfield signs and lights.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	600	200	-	-	-	-	-	800
Land	-	-	-	-	-	-	-	-
Construction	-	-	6,500	3,500	-	-	-	10,000
Total Cost:	600	200	6,500	3,500	-	-	-	10,800

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	12	4	130	70	-	-	-	216
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	48	16	520	280	-	-	-	864
Federal	540	180	5,850	3,150	-	-	-	9,720
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	600	200	6,500	3,500	-	-	-	10,800

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	(350)	(350)	(350)	(350)	(350)	-	(1,750)
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	(350)	(350)	(350)	(350)	(350)	-	(1,750)

A-093 East Apron Rehabilitation

Year Introduced: 2021
Change: Funding to Later Year
Associated Proj: N/A
Program Area: Airport **Est. Start:** 10/01/2024
Managing Dept: Airport **Est. Comp:** 10/01/2027
Manager: J. Rivera
Plan Conformance: MOB 6.1.4; Airport Master Plan; Airport Strategic Plan



Description:

The east apron has reached its useful life and is showing signs of wear and cracking. This project would consist of milling the ramp and repaving. It would also include restriping the pavement surfaces and tie-down areas. It may include fixing drainage issues as well. Due to funding and operational phasing, this project may have to be split into two phases.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	400	-	-	-	-	400
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	3,000	2,500	-	5,500
Total Cost:	-	-	400	-	3,000	2,500	-	5,900

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	8	-	60	50	-	118
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	32	-	240	200	-	472
Federal	-	-	360	-	2,700	2,250	-	5,310
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	400	-	3,000	2,500	-	5,900

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

A-094 Runway 16L/34R Extension

Year Introduced: 2021
Change: No Change
Associated Proj: N/A
Program Area: Airport **Est. Start:** 07/01/2025
Managing Dept: Airport **Est. Comp:** 10/01/2028
Manager: J. Rivera
Plan Conformance: MOB 6.1.4; Airport Master Plan; Airport Strategic Plan



Description:

The previous 500 foot runway extension was completed in 2012. During the planning phase of the first runway extension, a runway length analysis was conducted that showed that it was justifiable to extend the runway 800 feet. The FAA at the time did not have the funds, and the Airport needed to update its ALP, so the runway was only extended 500 feet when there was justification for 800 feet. The additional 300 foot extension will give pilots an extra safety margin when they are landing in inclement weather or when there's snow or ice on the runway. The project will also result in a slight noise reduction for areas north of the airport as planes could pass at a higher altitude.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	275	-	-	-	275
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	3,500	3,500
Total Cost:	-	-	-	275	-	-	3,500	3,775

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	5	-	-	70	75
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	22	-	-	280	302
Federal	-	-	-	248	-	-	3,150	3,398
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	275	-	-	3,500	3,775

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

A-097 South East Airport Complex Site Development

Year Introduced: 2022
Change: No Change
Associated Proj: N/A
Program Area: Airport **Est. Start:** 07/01/2025
Managing Dept: Airport **Est. Comp:** 06/30/2029
Manager: J. Rivera
Plan Conformance: MOB 6.1.4; Airport Master Plan; Airport Strategic Plan



Description:

The southeast side of the Airport is the future of development at the Airport. It is projected that by 2024 the Airport will have developed all of its vacant land and will be unable to expand. The southeast side of the airport consist of approximately 60 acres of land, of which approximately 30 acres could be used for future development. The site is within the flood plain so the site would require fill material to make it useable. Although the Airport would use a phased approach and would develop the property as needed, it is prudent to have an overall development concept with timelines and cost estimates.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	400	-	-	-	400
Land	-	-	-	-	-	-	7,300	7,300
Construction	-	-	-	-	-	-	-	-
Total Cost:	-	-	-	400	-	-	7,300	7,700

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	8	-	-	146	154
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	32	-	-	584	616
Federal	-	-	-	360	-	-	6,570	6,930
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	400	-	-	7,300	7,700

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

A-098 South West Hangar Redevelopment

Year Introduced: 2022
Change: No Change
Associated Proj: N/A
Program Area: Airport **Est. Start:** 07/01/2025
Managing Dept: Airport **Est. Comp:** 06/30/2026
Manager: J. Rivera
Plan Conformance: MOB 6.1.4; Airport Master Plan; Airport Strategic Plan



Description:

The south west side of the airport has rows of hangars that are over 55 years old. There are three rows of the hangars that are a pole barn construction and have reached their useful life. These hangars need to be replaced with steel hangars and meet new FAA standards for separation. A drainage plan for this area needs to be developed as well as a phasing plan to redevelop this complex. This project would consist of development plan that would layout the redevelopment of the southwest side of the Airport and include phasing, hangar sizes and types, drainage improvements, cost estimates, survey and geotechnical investigation, and paving design.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	200	-	-	-	200
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Total Cost:	-	-	-	200	-	-	-	200

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	40	-	-	-	40
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	160	-	-	-	160
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	200	-	-	-	200

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

A-103 Design Construct Taxilane X-Ray

Year Introduced: 2023
Change: Increased Estimate
Associated Proj: N/A
Program Area: Airport **Est. Start:** 07/01/2024
Managing Dept: Airport **Est. Comp:** 10/30/2026
Manager: J. Rivera
Plan Conformance: MOB 6.1.4; Airport Master Plan; Airport Strategic Plan



Description:

This project entails building a Taxilane perpendicular to Taxilane Y in order to open the SE Corporate Pad Site (Lot B) for the development of Corporate Hangars. The project would include constructing a taxilane that is approximately 600 feet long and 50 feet wide. It is anticipated that the new taxilane would have edge reflectors instead of edge lights to save cost.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	200	-	-	-	-	200
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	2,000	-	-	2,000
Total Cost:	-	-	200	-	2,000	-	-	2,200

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	4	-	40	-	-	44
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	16	-	160	-	-	176
Federal	-	-	180	-	1,800	-	-	1,980
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	200	-	2,000	-	-	2,200

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

AIRPORT MAINTENANCE CAPITAL PROJECT LISTING

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 the Airport program.

Project Name	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Airport Paving Program (outside Airfield)	395	-	245	35	-	100	-	775
Master Plan Study	864	-	-	-	-	-	-	864
Airport Alternative Energy Study	-	-	-	-	-	-	35	35
Airfield Improvements	145	-	-	-	150	400	-	695
Airfield Paving Program	570	290	-	-	60	-	-	920
Air Traffic Control Tower Repairs	141	50	-	-	-	-	-	191
Environmental Assessment for Master Plan	-	-	-	250	-	-	-	250
Airfield Marking	80	50	40	50	50	50	-	320
Airfield Fencing	-	-	-	45	100	30	-	175
Airside Tree Removal	-	-	90	-	-	-	-	90
Security Equipment Replacement Program	83	50	40	15	-	-	-	188
Terminal Building Improvements	35	-	20	75	-	-	-	130
Equipment Storage Building Upgrades	-	15	30	30	-	-	-	75
Total Cost:	2,313	455	465	500	360	580	35	4,708

Funding Sources

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	528	183	165	151	72	116	7	1,222
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	993	272	300	124	288	464	28	2,469
Federal	792	-	-	225	-	-	-	1,017
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	2,313	455	465	500	360	580	35	4,708

SCHOOLS PROGRAM

The Manassas City Public Schools aims to be a center of excellence, innovation, and hope and is committed to success for all students. In order to meet this goal, the School System must maintain its infrastructure (the school buildings) and plan for the future construction of new schools to meet the increasing student population.

The Manassas City Public School System is comprised of five elementary schools (George C. Round, Baldwin, R. C. Haydon, Jennie Dean, and Weems), two intermediate schools (Mayfield and Baldwin), one middle school (Metz), and one high school (Osborn). Elementary Schools represent grades Pre-K thru 4th grade. The Intermediate School is grades 5 and 6 while Metz Middle School is grades 7 and 8. Osborn High School is grades 9-12.

School	Opened	Capacity	Enrollment
Dean	1959	727	621
Weems	1977	713	632
Haydon	1979	667	644
Round	1986	669	544
Baldwin	2016	706	662
Mayfield Intermediate	2006	1,104	801
Baldwin Intermediate	2016	336	275
Metz Middle	1990	1,543	1,108
Osborn High	1950	2,428	2,261

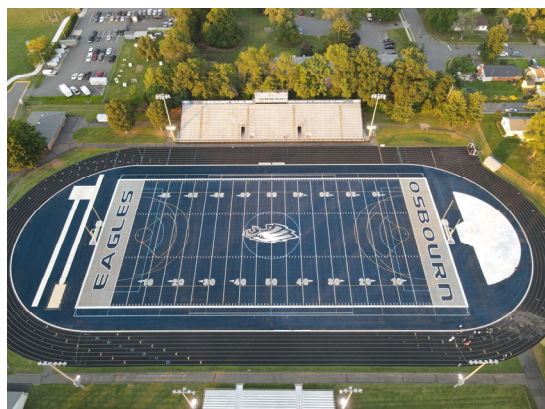
Notes: Capacities from 2020-2030 School Facility Plan; enrollments as of Sept. 30, 2021

All but three of the City's schools are over 25 years old. Additions and improvements have been made to the schools over the years and improvements are ongoing including HVAC, security, parking lots, and window/door replacement.

PRIOR YEAR ACCOMPLISHMENTS

Osborn – Turf Field Installation (0420)

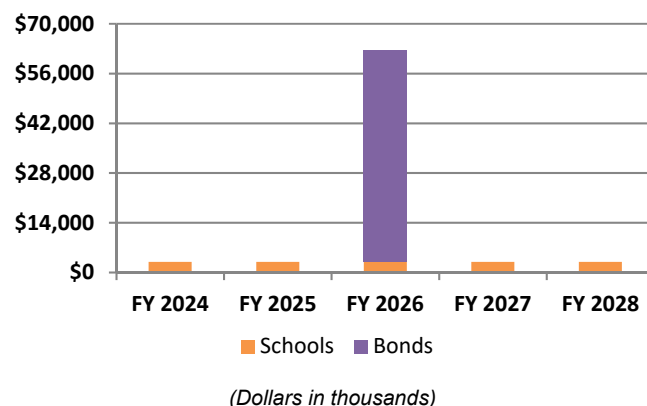
Completed installation of new multi-sport turf field in the Osborn High School football stadium



THE FIVE-YEAR PLAN (FY 2024 – FY 2028)

The FY 2024 Five-Year Capital Improvement Program (CIP) includes \$15,000,000 in School Funds and \$59,498,000 in Bonds.

FY 2024 funding consists of a \$3,000,000 transfer from School Funds.



FY 2024 CAPITAL PROJECTS

Division Wide

- Classroom Trailers (0101)
- Technology Upgrades (0102)
- School Bus Additions (0105)

Osborn

- Roof Replacement (0417)

Metz

- Fire Alarm System Replacement (0514)

Haydon

- Window/Door Replacement (0905)

Round

- Window/Door Replacement (1007)
- Parking Lot Replacement (1008)

NEW PROJECTS

- Metz – Turf Field Installation (0515)

SUMMARY OF SCHOOLS CAPITAL PROJECTS

(\$ in Thousands)

Cost Estimates	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Planning	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-
Construction	-	3,000	3,000	62,498	3,000	3,000	3,000	77,498	74,498
Total Cost:	-	3,000	3,000	62,498	3,000	3,000	3,000	77,498	74,498

Funding Sources

General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	3,000	3,000	3,000	3,000	3,000	3,000	18,000	15,000
Bonds	-	-	-	59,498	-	-	-	59,498	59,498
State	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-	-
Total Funding:	-	3,000	3,000	62,498	3,000	3,000	3,000	77,498	74,498

Operating Impacts

Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Revenue	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-	-

SCHOOL CAPITAL PROJECT LISTING

(\$ in Thousands)

Project Name:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
District Wide - Classroom Trailers	-	200	200	-	-	250	250	900	650
District Wide - Technology	-	200	200	200	200	200	200	1,200	1,000
District Wide - School Bus	-	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	-	-	1,000	-	-	-	-	1,000	1,000
Osborn - Window/Door	-	-	-	-	275	275	-	550	550
Osborn - Turf Field Installation	-	-	-	-	-	-	2,425	2,425	-
Osborn - Concession Stand	-	-	-	-	400	-	-	400	400
Metz - Restroom Refurbishments	-	-	-	-	500	-	-	500	500
Metz - Window/Door Replacement	-	-	-	-	-	275	-	275	275
Metz - Fire Alarm System	-	575	-	-	-	-	-	575	575
Metz - Turf Field Installation	-	-	-	-	500	1,875	-	2,375	2,375
Haydon - Window/Door	-	200	-	-	-	-	-	200	200
Round - Window/Door	-	200	-	-	-	-	-	200	200
Round - Parking Lot Replacement	-	500	-	-	-	-	-	500	500
New Dean - Building Replacement	-	-	475	62,173	-	-	-	62,648	62,648
Total:	-	3,000	3,000	62,498	3,000	3,000	3,000	77,498	74,498

0101 District Wide - Classroom Trailers

Year Introduced: 2020
Change: No Change
Associated Proj: N/A
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance:

Est. Start:
Est. Comp:



Description:

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	200	200	-	-	250	250	900
Total Cost:	-	200	200	-	-	250	250	900

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	200	200	-	-	250	250	900
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	200	200	-	-	250	250	900

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

0102 District Wide - Technology Upgrades

Year Introduced: 2013
Change: No Change
Associated Proj: N/A
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance: CFI 7.2

Est. Start:
Est. Comp:



Description:

Information technology infrastructure upgrades based on technology planning. The systematic replacement of network infrastructure is necessary as devices reach the end of their useful lives and become obsolete. This project will encompass the refresh of routers, switches, wireless access points, and data center major systems and components.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	200	200	200	200	200	200	1,200
Total Cost:	-	200	200	200	200	200	200	1,200

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	200	200	200	200	200	200	1,200
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	200	200	200	200	200	200	1,200

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

0105 District Wide - School Bus Additions

Year Introduced: 2017
Change: No Change
Associated Proj: N/A
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance: CFI 7.2

Est. Start:
Est. Comp:



Description:

Add school buses to the existing fleet due to local population growth and enrollment projections.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	125	125	125	125	125	125	750
Total Cost:	-	125	125	125	125	125	125	750

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	125	125	125	125	125	125	750
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	125	125	125	125	125	125	750

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

0417 Osbourn - Roof Replacement

Year Introduced: 2022
Change: No Change
Associated Proj: N/A
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance:

Est. Start: 07/01/2023
Est. Comp: 06/30/2027



Description:

Replace roof at Osbourn High School.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	1,000	1,000	-	1,000	-	-	3,000
Total Cost:	-	1,000	1,000	-	1,000	-	-	3,000

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	1,000	1,000	-	1,000	-	-	3,000
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	1,000	1,000	-	1,000	-	-	3,000

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

0418 Osbourn - Fire Alarm System Replacement

Year Introduced: 2023
Change: No Change
Associated Proj: N/A
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance:

Est. Start: 07/01/2024
Est. Comp: 06/30/2025



Description:

Replace the fire alarm system at Osbourn High School.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	1,000	-	-	-	-	1,000
Total Cost:	-	-	1,000	-	-	-	-	1,000

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	1,000	-	-	-	-	1,000
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	1,000	-	-	-	-	1,000

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

0419 Osbourn - Window/Door Replacement

Year Introduced: 2023
Change: No Change
Associated Proj: N/A
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance:

Est. Start: 07/01/2026
Est. Comp: 06/30/2028



Description:

Replace windows and doors at Osbourn High School.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	275	275	-	550
Total Cost:	-	-	-	-	275	275	-	550

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	275	275	-	550
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	-	275	275	-	550

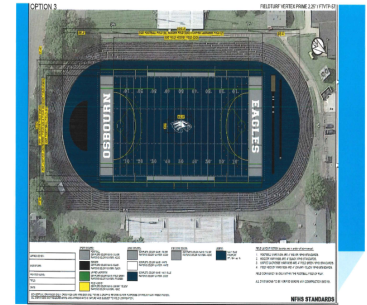
Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

0420 Osbourn - Turf Field Installation

Year Introduced: 2023
Change: No Change
Associated Proj: N/A
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance:

Est. Start:
Est. Comp:



Description:

Install a new multi-sport turf field in the football stadium.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	2,425	2,425
Total Cost:	-	-	-	-	-	-	2,425	2,425

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	2,425	2,425
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	-	-	-	2,425	2,425

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

0421 Osbourn - Concession Stand Refurbishment/Replacement

Year Introduced: 2023
Change: No Change
Associated Proj: N/A
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance:

Est. Start: 07/01/2026
Est. Comp: 06/30/2027



Description:

Refurbish or replace with concession stands located in the Osbourn High School football stadium.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	400	-	-	400
Total Cost:	-	-	-	-	400	-	-	400

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	400	-	-	400
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	-	400	-	-	400

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

0512 Metz - Restroom Refurbishments

Year Introduced: 2022
Change: No Change
Associated Proj: N/A
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance:

Est. Start: 07/01/2026
Est. Comp: 06/30/2027



Description:

Refurbish restrooms at Metz Middle School.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	500	-	-	500
Total Cost:	-	-	-	-	500	-	-	500

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	500	-	-	500
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	-	500	-	-	500

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

0513 Metz - Window/Door Replacement

Year Introduced: 2023
Change: No Change
Associated Proj: N/A
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance:

Est. Start: 07/01/2027
Est. Comp: 06/30/2028



Description:

Replace windows and doors at Metz Middle School.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	275	-	275
Total Cost:	-	-	-	-	-	275	-	275

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	275	-	275
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	-	-	275	-	275

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

0514 Metz - Fire Alarm System Replacement

Year Introduced: 2023
Change: No Change
Associated Proj: N/A
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance:

Est. Start: 07/01/2023
Est. Comp: 06/30/2024



Description:

Replace the fire alarm system at Metz Middle School.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	575	-	-	-	-	-	575
Total Cost:	-	575	-	-	-	-	-	575

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	575	-	-	-	-	-	575
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	575	-	-	-	-	-	575

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

0515 Metz - Turf Field Installation

Year Introduced: 2024
Change: New Project
Associated Proj: N/A
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance:

Est. Start: 07/01/2026
Est. Comp: 06/30/2028



Description:

Install new turf field at Metz football stadium.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	500	1,875	-	2,375
Total Cost:	-	-	-	-	500	1,875	-	2,375

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	500	1,875	-	2,375
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	-	-	500	1,875	-	2,375

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

0905 Haydon - Window/Door Replacement

Year Introduced: 2023
Change: No Change
Associated Proj: N/A
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance:

Est. Start: 07/01/2023
Est. Comp: 06/30/2024



Description:

Replace the windows at Haydon Elementary

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	200	-	-	-	-	-	200
Total Cost:	-	200	-	-	-	-	-	200

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	200	-	-	-	-	-	200
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	200	-	-	-	-	-	200

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

1007 Round - Window/Door Replacement

Year Introduced: 2023
Change: No Change
Associated Proj: N/A
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance:

Est. Start: 07/01/2023
Est. Comp: 06/30/2024



Description:

Replace windows and doors at Round Elementary School.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	200	-	-	-	-	-	200
Total Cost:	-	200	-	-	-	-	-	200

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	200	-	-	-	-	-	200
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	200	-	-	-	-	-	200

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

1008 Round - Parking Lot Replacement

Year Introduced: 2023
Change: No Change
Associated Proj: N/A
Program Area: Schools **Est. Start:** 07/01/2023
Managing Dept: Schools **Est. Comp:** 06/30/2024
Manager: Schools
Plan Conformance: CFI 7.1.5



Description:

Repave and restripe the parking lot at Round Elementary School.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	500	-	-	-	-	-	500
Total Cost:	-	500	-	-	-	-	-	500

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	500	-	-	-	-	-	500
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	500	-	-	-	-	-	500

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

1301 New Dean - Building Replacement

Year Introduced: 2014
Change: No Change
Associated Proj: C-017
Program Area: Schools
Managing Dept: Schools
Manager: Schools
Plan Conformance: CFI 7.2.2

Est. Start:
Est. Comp:



Description:

Construct new school - Dean.
 Original construction is 1958 and replacement was one of the recommended options in the 2002 Facility Master Plan.
 Several systems were replaced in 2003, which extended the usefulness of the building.

(\$ in 1,000s)

Cost Estimate:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	475	62,173	-	-	-	62,648
Total Cost:	-	-	475	62,173	-	-	-	62,648

Funding Sources:

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	475	2,675	-	-	-	3,150
Bonds	-	-	-	59,498	-	-	-	59,498
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	-	-	475	62,173	-	-	-	62,648

Operating Impacts:

Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	-	-	-	-	-	-	-	-

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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**

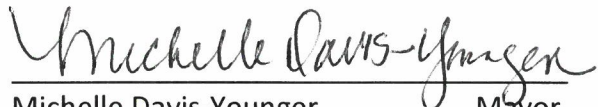
WHEREAS, the City of Manassas Planning Commission reviewed the FY 2024-2028 Five-Year Capital Improvement Program (CIP) on January 18, 2023, and approved the CIP on February 1, 2023; and

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

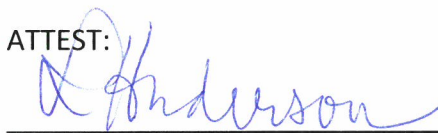
WHEREAS, the Manassas City Schools CIP is incorporated into the City of Manassas CIP; and

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 8th 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
Total Cost:	206,262	29,499	55,823	98,483	15,527	15,090	99,613	520,297	214,422

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
Total Funding:	206,262	29,499	55,823	98,483	15,527	15,090	99,613	520,297	214,422

CAPITAL PROJECTS LISTING

(\$ in Thousands)

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

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
Total Cost:	36,477	7,485	7,280	6,685	7,145	6,865	335	72,272	35,460

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
Total Funding:	36,477	7,485	7,280	6,685	7,145	6,865	335	72,272	35,460

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
General Government									
Cemetery Improvements	-	375	-	-	-	-	-	375	375
Building Lighting Upgrades	-	420	-	-	-	-	-	420	420
Program Total:	-	795	-	-	-	-	-	795	795
Culture & Recreation									
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
Program Total:	2,618	450	660	300	710	300	-	5,038	2,420
Transportation									
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
Program Total:	4,922	850	1,330	850	850	1,050	-	9,852	4,930
Sewer									
Sewer Main Replacement	1,133	450	450	450	450	450	-	3,383	2,250
Program Total:	1,133	450	450	450	450	450	-	3,383	2,250
Water									
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
Program Total:	7,553	1,300	1,300	1,400	1,700	1,300	300	14,853	7,000
Electric									
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)

Program Total:	13,582	2,060	1,950	2,060	1,950	2,060	-	23,662	10,080
Stormwater									
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
Program Total:	4,394	1,125	1,125	1,125	1,125	1,125	-	10,019	5,625
Airport									
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
Program Total:	2,275	455	465	500	360	580	35	4,670	2,360
Total Costs	36,477	7,485	7,280	6,685	7,145	6,865	335	72,272	35,460



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 25th 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

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 30th 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

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

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 1st through June 30th

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

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