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Adopted FY 2023 **Five-Year Capital Improvement Program**

July 1, 2022 - June 30, 2023

City of Manassas, Virginia

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July 1, 2022

Mayor Davis-Younger and Members of the City Council:

The Adopted FY 2023 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 <u>www.manassasva.gov/budget</u>.

The FY 2023 – FY 2027 CIP totals \$242 million and contains 63 projects to be started during the five-year planning period. Another \$77 million in projects are also shown in the CIP for future funding consideration. Schools projects at \$77 million would receive the most funding during this five-year planning cycle. Significant attention is also going to utility infrastructure projects such as Sewer (\$31 million), Stormwater (\$27 million), Water (\$23 million) and Airport (\$19 million). Transportation (\$21 million), Culture and Recreation (\$20 million) and General Government/Public Safety (\$19 million) are also receiving attention. Our "AAA" rated bonding capacity remains the primary funding source making up 30% (\$73 million) of CIP funding. Other major funding streams include state and federal intergovernmental funds, school funds allocated to pay-as-you-go capital, private investment and enterprise funds.

This CIP shows the City focus on several major building projects. In public safety, construction of Fire and Rescue Station #21 was completed in 2021 and construction of the new Public Safety Facility will be completed in the next fiscal year. During this fiscal year we will also begin work on the Manassas Museum expansion and City Hall Renovations which will provide service enhancements in our downtown core. Major culture and recreation projects include continued enhancements at Annaburg Manor, Dean Park and Stonewall Park. Many of the infrastructure projects will compliment our economic development initiatives while meeting environmental regulations and supporting community vitality goals.

Transportation mobility improvements continue our focus on the Route 28 corridor with projects along Sudley, Nokesville, Godwin and Centreville roads. Grant Avenue improvements are underway along with significant trail and sidewalk improvements to increase bike and pedestrian safety and mobility.

The strategic decision to provide an ongoing dedicated funding stream for major capital project initiatives, including public schools, will enhance our ability to provide community facilities for many generations. Coordination plans with the Manassas City Public Schools for the replacement of Dean Elementary and repurposing of the current Police Facility for MCPS Administrative Offices are included in the CIP based on those strategic commitments. These projects are also in line with your strategic priority of education attainment.

I appreciate the efforts of many individuals, and in particular staff of the Finance and Planning Departments, for the significant time and effort that have gone into preparing the information contained in this document. Their efforts have resulted in a CIP process that identified and addressed significant needs reflected in the Comprehensive and Strategic Plans of the City. We look forward to bringing these plans to fruition over the next several years.

Respectfully,

William Patrick Pate City Manager

Developing the CIP

Friday, November 5, 2021 Mon.-Fri., December 13-17, 2021 Wednesday, January 19, 2022 Wednesday, February 2, 2022 Department CIP Due City Manager / Department Meetings Planning Commission Review Planning Commission Approval

City Council Work Sessions (Budget & CIP)

Monday, February 28, 2022 Monday, March 7, 2022 Tuesday, March 8, 2022 Wednesday, March 16, 2022 Wednesday, March 23, 2022 Wednesday, March 30, 2022 Wednesday, April 13, 2022 Monday, April 25, 2022 Wednesday, April 27, 2022 Monday, May 9, 2022 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

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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.

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 Polices – 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 2023 payment for tax-supported debt service is \$12,197,055 (City General Fund, City Fire Rescue Fund, and Schools). Additionally, FY 2023 payment for debt service supported by the enterprise funds (Sewer, Water, Electric, Stormwater, and Airport) is \$5,608,849. A list of proposed bond issues for the Five-Year CIP is included in this document.

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 2023 PAYGO projects represent a total of \$11,907,000 (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.

<u>General Fund PAYGO</u>: General Fund PAYGO funding for FY 2023 is \$130,000 for capital projects and \$1,120,000 for maintenance capital projects. These projects include:

Capital Projects

• Animal Shelter Improvements - \$130,000

Maintenance Capital Projects

- School Playground Equipment \$60,000
- Candy Factory Improvements \$270,000
- Stonewall Pool Improvements \$40,000
- Historic Site Improvements \$150,000
- Upstream Inspections & Repairs \$100,000
- Culvert Maintenance \$100,000

<u>Sewer Fund PAYGO</u>: Sewer Fund PAYGO funding for FY 2023 is \$31,000 for capital projects and \$450,000 for maintenance capital projects. These projects include.

Capital Projects

Maintenance Capital Projects

- Dean Drive Extended \$31,000
- Sewer Main Replacement \$450,000

Water Fund PAYGO: There is no Water Fund PAYGO funding planning for FY 2023.

Capital Projects

Maintenance Capital Projects

<u>Electric Fund PAYGO</u>: Electric Fund PAYGO funding for FY 2023 is \$925,000 for capital projects and \$1,975,000 for maintenance capital projects. These projects include:

Capital Projects

- Grant Avenue (Lee to Wellington) \$150,000
- LED Streetlight Replacement \$125,000
- Manassas Airport Distribution \$300,000
- Distribution Facility Relocation \$50,000

Maintenance Capital Projects

- Electric T&D Maintenance \$800,000
- Alternative Generation Initiatives \$300,000
- Place Overhead Lines Under \$500,000
- Substation Capacity \$375,000

<u>Stormwater Fund PAYGO</u>: Stormwater Fund PAYGO funding for FY 2023 is \$1,240,000 for capital projects and \$1,525,000 for maintenance projects. These projects include:

Capital Projects

• New Britain Regional Pond - \$1,240,000

Maintenance Capital Projects

- SWMF Annual/Deferred Maint. \$900,000
- Floodplain Mapping Program \$125,000
- Drainage Maint. & Construction \$500,000

<u>Airport Fund PAYGO</u>: Airport Fund PAYGO funding for FY 2023 is \$112,000 for capital projects and \$99,000 for maintenance capital projects. These projects include:

Capital Projects

- Rehab/Widen Taxiway B \$100,000
- Rehab of Runway 16L/34R \$12,000

Maintenance Capital Projects

- Airfield Improvements \$16,000
- Airfield Paving Program \$27,000
- Security Equipment Replacement \$45,000
- Terminal Building Improvements \$11,000

<u>School Fund PAYGO</u>: School Fund PAYGO funding for FY 2023 is \$4,300,000 for capital projects. The school does not classify projects as maintenance capital projects. The School Fund PAYGO projects include:

Capital Projects

- District Wide Trailers \$250,000
- District Wide Tech Upgrades \$200,000
- District Wide Bus Replacement \$500,000
- District Wide Bus Additions \$125,000
- Central Office Replacement \$1,594,000
- Osbourn Turf Field \$1,300,000
- Mayfield Parking Lot Paving \$200,000
- Weems Window/Door Replace \$131,000

The capital budget summary shown below of \$73,845,000 is the first year (FY 2023) of the five-year capital improvement program. This is a \$1,609,000 decrease or -2.1% compared to the first-year of the previous year's (FY 2022) total. Below is a breakdown of expenditures by program and funding by source for the first year.

Expenditure by Prog	ram (F	Y 2023)
General Government		3,779,000
Culture & Recreation		13,635,000
Public Safety		130,000
Transportation		6,825,000
Sewer		-
Water		22,700,000
Electric		2,625,000
Stormwater		14,251,000
Airport		5,600,000
Schools		4,300,000
Total FY 2023	\$	73,845,000

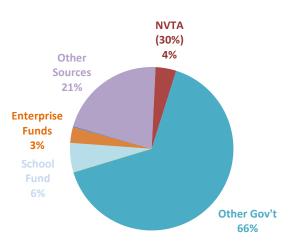
FY 2023 Five-Year CIP

First Year - Projects by Program

Funding by Sou	rce (FY	[′] 2023)
General Fund		130,000
Sewer Fund		31,000
Water Fund		-
Electric Fund		925,000
Stormwater Fund		1,240,000
Airport Fund		112,000
School Funds		4,300,000
Bonds		-
State & Federal		48,343,000
NVTA 30% & Other		18,764,000
Total FY 2023	\$	73,845,000

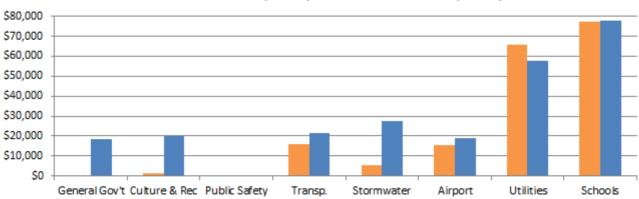
Culture & Rec 18% Gov't 5% 5% 5% 6% Airport 8% Utilities & Storm. 54%

FY 2023 Five-Year CIP First Year - Projects by Funding Source



SUMMARY OF CAPITAL PROJECTS BY PROGRAM

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year Total
General Government	12,167	3,779	5,246	8,415	515	515	6,339	36,976	18,470
Culture & Recreation	9,260	13,635	-	-	6,550	-	4,300	33,745	20,185
Public Safety	41,964	130	280	-	-	-	24,825	67,199	410
Transportation	60,292	6,825	2,300	625	7,899	3,843	6,788	88,572	21,492
Sewer	7,465	-	29,100	-	2,000	-	-	38,565	31,100
Water	32,681	22,700	-	-	-	-	-	55,381	22,700
Electric	46,655	2,625	575	550	-	-	-	50,405	3,750
Stormwater	3,417	14,251	-	-	13,250	-	750	31,668	27,501
Airport	5,278	5,600	400	5,000	5,575	2,500	30,650	55,003	19,075
Schools	-	4,300	4,300	3,000	62,997	3,000	3,000	80,597	77,597
Total Cost	219,179	73,845	42,201	17,590	98,786	9,858	76,652	538,111	242,280
Funding Sources:									
General Fund	2,095	130	360	400	515	515	-	4,015	1,920
Sewer Fund	4,402	31	-	125	2,980	-	-	7,538	3,136
Water Fund	15,784	-	-	125	1,690	-	-	17,599	1,815
Electric Fund	5,022	925	575	800	1,050	-	-	8,372	3,350
Stormwater Fund	288	1,240	-	-	-	-	750	2,278	1,240
Airport Fund	1,964	112	8	100	147	50	1,094	3,475	417
School Fund	-	4,300	4,300	3,000	3,000	3,000	3,000	20,600	17,600
Bonds	87,099	-	-	-	73,247	-	44,064	204,410	73,247
State	10,430	1,517	32	525	834	439	3,141	16,918	3,347
Federal	32,386	46,826	360	5,000	5,818	3,204	18,815	112,409	61,208
NVTA	6,787	3,020	-	-	1,345	750	443	12,345	5,115
Other Sources	52,922	15,744	36,566	7,515	8,160	1,900	5,345	128,152	69,885
Total Funding	219,179	73,845	42,201	17,590	98,786	9,858	76,652	538,111	242,280





	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
General Government									
City Hall	10,707	-	-	-	-	-	-	10,707	-
Public Works & Utilities	1,460	-	-	-	-	-	6,339	7,799	-
City Hall Annex	-	439	5,166	-	-	-	-	5,605	5,605
City Hall / Downtown Par	-	3,000	-	7,515	-	-	-	10,515	10,515
Building Automation Syst	-	340	-	-	-	-	-	340	340
Fuel Island Upgrade at P	-	-	80	670	-	-	-	750	750
Building Maintenance Sh	-	-	-	230	515	515	-	1,260	1,260
Program Total	12,167	3,779	5,246	8,415	515	515	6,339	36,976	18,470
Culture & Recreation									
Manassas Museum	6,590	200	-	-	-	-	-	6,790	200
Dean Park	754	8,860	-	-	-	-	-	9,614	8,860
Byrd Park	-	-	-	-	1,800	-	-	1,800	1,800
Annaburg Manor	1,916	2,250	-	-	-	-	4,300	8,466	2,250
Cedar Crest Park	-	-	-	-	500	-	-	500	500
Stonewall Park	-	2,325	-	-	4,250	-	-	6,575	6,575
Program Total	9,260	13,635		-	6,550	-	4,300	33,745	20,185
Public Safety									
Public Safety Facility	41,964	-	-	-	-	-	-	41,964	-
Animal Shelter Improve	-	130	280	-	-	-	-	410	410
Fire/Rescue Station 1	-	-	-	-	-	-	24,825	24,825	-
Program Total	41,964	130	280	-	-	-	24,825	67,199	410
Transportation									
Sudley Road Third Lane	7,400	605	-	-	-	-	-	8,005	605
Grant Avenue (Lee Aven	12,020	300	-	-	-	-	-	12,320	300
Dean Drive Extended (E	4,430	31	-	-	-	-	-	4,461	31
Dean Drive (Animal Shel	-	-	-	-	5,414	1,443	1,443	8,300	6,857
Route 28 / Nokesville Ro	21,534	-	-	-	-	-	-	21,534	-
Liberia Avenue	-	-	-	-	1,610	1,900	5,345	8,855	3,510
Stonewall Park Trail Exte	-	-	-	625	875	500	-	2,000	2,000
Godwin Drive Bike Trail	1,703	-	-	-	-	-	-	1,703	-
Commercial Corridor Str	597	70	-	-	-	-	-	667	70
Traffic Signal Span Wire	-	869	-	-	-	-	-	869	869
Gateway Boulevard Side	758	-	-	-	-	-	-	758	-
Longstreet Water Line &	-	3,750	-	-	-	-	-	3,750	3,750

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Roundabout Sudley/Cen	3,825	-	-	-	-	-	-	3,825	-
Mathis Avenue	6,027	1,200	-	-	-	-	-	7,227	1,200
Quarry Streetscape	1,000	-	-	-	-	-	-	1,000	-
Wellington Road Shared	998	-	-	-	-	-	-	998	-
Wakeman Tract Pond Tr	-	-	2,300	-	-	-	-	2,300	2,300
Program Total	60,292	6,825	2,300	625	7,899	3,843	6,788	88,572	21,492
Sewer									
Upper Flat Branch Interc	2,765	-	-	-	2,000	-	-	4,765	2,000
Sewer Capacity Expansi	900	-	29,100	-	-	-	-	30,000	29,100
Airport Infrastructure Imp	3,800	-	-	-	-	-	-	3,800	-
Program Total	7,465	-	29,100	-	2,000	-	-	38,565	31,100
Water									
24" Transmission Main R	16,710	16,000	-	-	-	-	-	32,710	16,000
Finished Water Capacity	7,600	-	-	-	-	-	-	7,600	-
Clear-Well Addition and	5,071	-	-	-	-	-	-	5,071	-
Nokesville Road Water	1,300	-	-	-	-	-	-	1,300	-
Surge Tank Expansion	2,000	-	-	-	-	-	-	2,000	-
Screw Press Decant	-	6,700	-	-	-	-	-	6,700	6,700
Program Total	32,681	22,700	-	-	-	-	-	55,381	22,700
Electric									
New Fiber Optic Loop/Ri	505	-	-	-	-	-	-	505	-
LED Streetlight Replace	575	125	125	100	-	-	-	925	350
Manassas Airport Distrib	875	450	450	-	-	-	-	1,775	900
Distribution Facility Relo	-	50	-	450	-	-	-	500	500
AWS/BCG Substation	41,700	2,000	-	-	-	-	-	43,700	2,000
Lockheed Substation Re	3,000	-	-	-	-	-	-	3,000	-
Program Total	46,655	2,625	575	550	-	-	-	50,405	3,750
Stormwater									
Euclid/Sills Warehouse	699	-	-	-	-	-	-	699	-
Liberia Stream Restorati	2,470	-	-	-	-	-	-	2,470	-
Sumner Lake Stream Re	-	-	-	-	4,900	-		4,900	4,900
Public Facilities Stormwa	-	-	-	-	-	-	750	750	-
Round Elementary Pond	14	5,300	-	-	-	-	-	5,314	5,300
Cannon Branch/Winters	88	4,347	-	-	-	-	-	4,435	4,347
Lucasville Regional Pon	146	1,804	-	-	-	-	-	1,950	1,804

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Cannon Branch/Flat Bra	-	-	-	-	6,400	-	-	6,400	6,400
Oakenshaw Regional Po	-	-	-	-	1,950	-	-	1,950	1,950
New Britain Regional Po	-	2,800	-	-	-	-	-	2,800	2,800
Program Total	3,417	14,251	-	-	13,250	-	750	31,668	27,501
Airport									
Air Traffic Control Tower	-	-	-	-	-	-	8,600	8,600	-
Realignment of Wakema	-	-	-	-	-	-	3,850	3,850	-
Land Acquisition Southw	-	-	-	-	-	-	3,000	3,000	-
Fuel Farm Upgrade	-	-	-	-	-	-	550	550	-
Taxiway A Rehabilitation	2,800	-	-	-	-	-	-	2,800	-
North East Apron Expan	-	-	-	-	-	-	2,200	2,200	-
Rehab/Widen Taxiway B	578	5,000	-	-	-	-	-	5,578	5,000
Terminal Parking Lot Ex	-	-	-	-	-	-	1,100	1,100	-
Installation of Backup Ge	-	-	-	-	-	-	550	550	-
West Corporate Develop	1,900	-	-	-	-	-	-	1,900	-
Rehabilitation of Runway	-	600	-	5,000	-	-	-	5,600	5,600
East Apron Rehabilitatio	-	-	400	-	3,000	2,500	-	5,900	5,900
Runway 16L/34R Extens	-	-	-	-	275	-	3,500	3,775	275
South East Airport Comp	-	-	-	-	400	-	7,300	7,700	400
South West Hangar Red	-	-	-	-	200	-	-	200	200
Design Construct Taxila	-	-	-	-	1,700	-	-	1,700	1,700
Program Total	5,278	5,600	400	5,000	5,575	2,500	30,650	55,003	19,075
Schools									
District Wide - Classroo	-	250	200	200	-	-	250	900	650
District Wide - Technolo	-	200	200	200	200	200	200	1,200	1,000
District Wide - School Bu		500	500	500	500	500	500	3,000	2,500
District Wide - School Bu	-	125	125	125	125	125	125	750	625
Central Office - Replace	-	1,594	-	-	-	-	-	1,594	1,594
Osbourn - Roof Replace	-	-	1,000	1,000	-	1,000	1,375	4,375	3,000
Osbourn - Fire Alarm Sy	-	-	-	975	-	-	-	975	975
Osbourn - Window/Door	-	-	-	-	-	275	275	550	275
Osbourn - Turf Field Inst	-	1,300	1,300	-	-	-	-	2,600	2,600
Osbourn - Concession S	-	-	-	-	-	400	-	400	400
Metz - Restroom Refurbi	-	-	-	-	-	500	-	500	500
Metz - Window/Door Re	-	-	-	-	-	-	275	275	-

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Metz - Fire Alarm Syste	-	-	575	-	-	-	-	575	575
Mayfield - Drop Off Area	-	200	-	-	-	-	-	200	200
Haydon - Window/Door	-	-	100	-	-	-	-	100	100
Round - Window/Door R	-	-	100	-	-	-	-	100	100
Round - Parking Lot Rep	-	-	200	-	-	-	-	200	200
Weems - Window/Door	-	131	-	-	-	-	-	131	131
New Dean - Building Re	-	-	-	-	62,172	-	-	62,172	62,172
Program Total	-	4,300	4,300	3,000	62,997	3,000	3,000	80,597	77,597
CIP Total	219,179	73,845	42,201	17,590	98,786	9,858	76,652	538,111	242,280

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

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
General Government									
City Hall	267	-	-	-	-	-	-	267	-
Public Works & Utilities	280	-	-	-	-	-	-	280	-
Fuel Island Upgrade at P	-	-	80	170	-	-	-	250	250
Building Maintenance Sh	-	-	-	230	515	515	-	1,260	1,260
Program Total	547	-	80	400	515	515	-	2,057	1,510
Culture & Recreation									
Manassas Museum	1,069	-	-	-	-	-	-	1,069	-
Dean Park	264	-	-	-	-	-	-	264	-
Annaburg Manor	50	-	-	-	-	-	-	50	-
Program Total	1,383	-	-	-	-	-	-	1,383	-
Public Safety									
Public Safety Facility	165	-	-	-	-	-	-	165	-
Animal Shelter Improve	-	130	280	-	-	-	-	410	410
Program Total	165	130	280	-	-	-	-	575	410
Total General Fund	2,095	130	360	400	515	515	-	4,015	1,920

SEWER FUND FUNDING BY CAPITAL PROJECT

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
General Government									
Public Works & Utilities	282	-	-	-	-	-	-	282	-
Fuel Island Upgrade at P	-	-	-	125	-	-	-	125	125
Program Total	282	-	-	125	-	-	-	407	125
Transportation									
Grant Avenue (Lee Aven	680	-	-	-	-	-	-	680	-
Dean Drive Extended (E	20	31	-	-	-	-	-	51	31
Dean Drive (Animal Shel	-	-	-	-	980	-	-	980	980
Program Total	700	31	-	-	980	-	-	1,711	1,011
Sewer									
Upper Flat Branch Interc	2,520	-	-	-	2,000	-	-	4,520	2,000
Sewer Capacity Expansi	900	-	-	-	-	-	-	900	-
Program Total	3,420	-	-	-	2,000	-	-	5,420	2,000
Total Sewer Funds	4,402	31	-	125	2,980	-	-	7,538	3,136

WATER FUND FUNDING BY CAPITAL PROJECT

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
General Government									
Public Works & Utilities	168	-	-	-	-	-	-	168	-
Fuel Island Upgrade at P	-	-	-	125	-	-	-	125	125
Program Total	168	-	-	125	-	-	-	293	125
Transportation									
Grant Avenue (Lee Aven	2,346	-	-	-	-	-	-	2,346	-
Dean Drive Extended (E	80	-	-	-	-	-	-	80	-
Dean Drive (Animal Shel	-	-	-	-	1,690	-	-	1,690	1,690
Program Total	2,426	-	-	-	1,690	-	-	4,116	1,690
Sewer									
Upper Flat Branch Interc	210	-	-	-	-	-	-	210	-
Program Total	210	-	-	-	-	-	-	210	-
Water									
24" Transmission Main R	8,130	-	-	-	-	-	-	8,130	-
Clear-Well Addition and	3,550	-	-	-	-	-	-	3,550	-
Nokesville Road Water	1,300	-	-	-	-	-	-	1,300	-
Program Total	12,980	-	-	-	-	-	-	12,980	-
Total Water Fund	15,784	-	-	125	1,690	-	-	17,599	1,815

ELECTRIC FUNDING BY CAPITAL PROJECT

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
General Government									
City Hall	280	-	-	-	-	-	-	280	-
Public Works & Utilities	730	-	-	-	-	-	-	730	-
Fuel Island Upgrade at P	-	-	-	250	-	-	-	250	250
Program Total	1,010	-	-	250	-	-	-	1,260	250
Transportation									
Grant Avenue (Lee Aven	1,172	300	-	-	-	-	-	1,472	300
Dean Drive Extended (E	135	-	-	-	-	-	-	135	-
Dean Drive (Animal Shel	-	-	-	-	1,050	-	-	1,050	1,050
Route 28 / Nokesville Ro	350	-	-	-	-	-	-	350	-
Quarry Streetscape	400	-	-	-	-	-	-	400	-
Program Total	2,057	300	-	-	1,050	-	-	3,407	1,350
Electric									
New Fiber Optic Loop/Ri	505	-	-	-	-	-	-	505	-
LED Streetlight Replace	575	125	125	100	-	-	-	925	350
Manassas Airport Distrib	875	450	450	-	-	-	-	1,775	900
Distribution Facility Relo	-	50	-	450	-	-	-	500	500
Program Total	1,955	625	575	550	-	-	-	3,705	1,750
Total Electric Funds	5,022	925	575	800	1,050	-	-	8,372	3,350

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Stormwater									
Euclid/Sills Warehouse	186	-	-	-	-	-	-	186	-
Public Facilities Stormwa	-	-	-	-	-	-	750	750	-
Round Elementary Pond	14	-	-	-	-	-	-	14	-
Cannon Branch/Winters	88	-	-	-	-	-	-	88	-
New Britain Regional Po	-	1,240	-	-	-	-	-	1,240	1,240
Program Total	288	1,240	-	-	-	-	750	2,278	1,240
Total Stormwater Fund	288	1,240	-	-	-	-	750	2,278	1,240

AIRPORT FUND FUNDING BY CAPITAL PROJECT

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Airport									
Realignment of Wakema	-	-	-	-	-	-	77	77	-
Land Acquisition Southw	-	-	-	-	-	-	60	60	-
Fuel Farm Upgrade	-	-	-	-	-	-	367	367	-
Taxiway A Rehabilitation	56	-	-	-	-	-	-	56	-
North East Apron Expan	-	-	-	-	-	-	44	44	-
Rehab/Widen Taxiway B	8	100	-	-	-	-	-	108	100
Terminal Parking Lot Ex	-	-	-	-	-	-	220	220	-
Installation of Backup Ge	-	-	-	-	-	-	110	110	-
West Corporate Develop	1,900	-	-	-	-	-	-	1,900	-
Rehabilitation of Runway	-	12	-	100	-	-	-	112	112
East Apron Rehabilitatio	-	-	8	-	60	50	-	118	118
Runway 16L/34R Extens	-	-	-	-	5	-	70	75	5
South East Airport Comp	-	-	-	-	8	-	146	154	8
South West Hangar Red	-	-	-	-	40	-	-	40	40
Design Construct Taxila	-	-	-	-	34	-	-	34	34
Program Total	1,964	112	8	100	147	50	1,094	3,475	417
Total Airport Funds	1,964	112	8	100	147	50	1,094	3,475	417

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Schools									
District Wide - Classroo	-	250	200	200	-	-	250	900	650
District Wide - Technolo	-	200	200	200	200	200	200	1,200	1,000
District Wide - School Bu	-	500	500	500	500	500	500	3,000	2,500
District Wide - School Bu	-	125	125	125	125	125	125	750	625
Central Office - Replace	-	1,594	-	-	-	-	-	1,594	1,594
Osbourn - Roof Replace	-	-	1,000	1,000	-	1,000	1,375	4,375	3,000
Osbourn - Fire Alarm Sy	-	-	-	975	-	-	-	975	975
Osbourn - Window/Door	-	-	-	-	-	275	275	550	275
Osbourn - Turf Field Inst	-	1,300	1,300	-	-	-	-	2,600	2,600
Osbourn - Concession S	-	-	-	-	-	400	-	400	400
Metz - Restroom Refurbi	-	-	-	-	-	500	-	500	500
Metz - Window/Door Re	-	-	-	-	-	-	275	275	-
Metz - Fire Alarm Syste	-	-	575	-	-	-	-	575	575
Mayfield - Drop Off Area	-	200	-	-	-	-	-	200	200
Haydon - Window/Door	-	-	100	-	-	-	-	100	100
Round - Window/Door R	-	-	100	-	-	-	-	100	100
Round - Parking Lot Rep	-	-	200	-	-	-	-	200	200
Weems - Window/Door	-	131	-	-	-	-	-	131	131
New Dean - Building Re	-	-	-	-	2,175	-	-	2,175	2,175
Program Total	-	4,300	4,300	3,000	3,000	3,000	3,000	20,600	17,600
Total School Funds	-	4,300	4,300	3,000	3,000	3,000	3,000	20,600	17,600

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
General Government									
City Hall	10,160	-	-	-	-	-	-	10,160	-
Public Works & Utilities	-	-	-	-	-	-	6,339	6,339	-
Program Total	10,160	-	-	-	-	-	6,339	16,499	-
Culture & Recreation									
Manassas Museum	4,521	-	-	-	-	-	-	4,521	-
Dean Park	240	-	-	-	-	-	-	240	-
Annaburg Manor	-	-	-	-	-	-	4,300	4,300	-
Program Total	4,761	-	-	-	-	-	4,300	9,061	-
Public Safety									
Public Safety Facility	41,279	-	-	-	-	-	-	41,279	-
Fire/Rescue Station 1	-	-	-	-	-	-	24,825	24,825	-
Program Total	41,279	-	-	-	-	-	24,825	66,104	-
Transportation									
Grant Avenue (Lee Aven	4,000	-	-	-	-	-	-	4,000	-
Route 28 / Nokesville Ro	358	-	-	-	-	-	-	358	-
Program Total	4,358	-	-	-	-	-	-	4,358	-
Sewer									
Airport Infrastructure Imp	3,800	-	-	-	-	-	-	3,800	-
Program Total	3,800	-	-	-	-	-	-	3,800	-
Water									
24" Transmission Main R	8,580	-	-	-	-	-	-	8,580	-
Finished Water Capacity	7,600	-	-	-	-	-	-	7,600	-
Clear-Well Addition and	1,521	-	-	-	-	-	-	1,521	-
Surge Tank Expansion	2,000	-	-	-	-	-	-	2,000	-
Program Total	19,701	-	-	-	-	-	-	19,701	-
Stormwater									
Euclid/Sills Warehouse	424	-	-	-	-	-	-	424	-
Liberia Stream Restorati	2,470	-	-	-	-	-	-	2,470	-
Sumner Lake Stream Re	-	-	-	-	4,900	-	-	4,900	4,900
Lucasville Regional Pon	146	-	-	-	-	-	-	146	-
Cannon Branch/Flat Bra	-	-	-	-	6,400	-	-	6,400	6,400

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Oakenshaw Regional Po	-	-	-	-	1,950	-	-	1,950	1,950
Program Total	3,040	-	-	-	13,250	-	-	16,290	13,250
Airport									
Air Traffic Control Tower	-	-	-	-	-	-	8,600	8,600	-
Program Total	-	-	-	-	-	-	8,600	8,600	-
Schools									
New Dean - Building Re	-	-	-	-	59,997	-	-	59,997	59,997
Program Total	-	-	-	-	59,997	-	-	59,997	59,997
Total Bond Funds	87,099	-	-	-	73,247	-	44,064	204,410	73,247

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Transportation									
Sudley Road Third Lane	1,480	121	-	-	-	-	-	1,601	121
Grant Avenue (Lee Aven	2,796	-	-	-	-	-	-	2,796	-
Dean Drive Extended (E	1,231	-	-	-	-	-	-	1,231	-
Dean Drive (Animal Shel	-	-	-	-	189	139	200	528	328
Route 28 / Nokesville Ro	3,726	-	-	-	-	-	-	3,726	-
Stonewall Park Trail Exte	-	-	-	125	55	100	-	280	280
Godwin Drive Bike Trail	753	-	-	-	-	-	-	753	-
Traffic Signal Span Wire	-	174	-	-	-	-	-	174	174
Quarry Streetscape	188	-	-	-	-	-	-	188	-
Program Total	10,174	295	-	125	244	239	200	11,277	903
Stormwater									
Lucasville Regional Pon	-	774	-	-	-	-	-	774	774
Program Total	-	774	-	-	-	-	-	774	774
Airport									
Realignment of Wakema	-	-	-	-	-	-	308	308	-
Land Acquisition Southw	-	-	-	-	-	-	90	90	-
Fuel Farm Upgrade	-	-	-	-	-	-	183	183	-
Taxiway A Rehabilitation	224	-	-	-	-	-	-	224	-
North East Apron Expan	-	-	-	-	-	-	176	176	-
Rehab/Widen Taxiway B	32	400	-	-	-	-	-	432	400
Terminal Parking Lot Ex	-	-	-	-	-	-	880	880	
Installation of Backup Ge	-	-	-	-	-	-	440	440	-
Rehabilitation of Runway	-	48	-	400	-	-	-	448	448
East Apron Rehabilitatio	-	-	32		240	200	-		
Runway 16L/34R Extens	-	-	-	-	22	-	280	302	22
South East Airport Comp	-	-	-	-	32	-	584	616	32
South West Hangar Red	-	-	-	-	160	-	-	160	160
Design Construct Taxila	-	-	-	-	136	-	-	136	136
Program Total	256	448	32	400	590	200	2,941	4,867	1,670
Total State Funds	10 420	1 517	32	525	834	439	2 1 1 1	16,918	2 247
I VIAI VIALE FUILUS	10,430	1,517	32	525	034	439	3,141	10,910	3,347

State funding generally takes the form of grants. Projects will not move forward until awards have been received.

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Culture & Recreation									
Dean Park	-	8,860	-	-	-	-	-	8,860	8,860
Program Total	-	8,860	-	-	-	-	-	8,860	8,860
Transportation									
Sudley Road Third Lane	5,920	484	-	-	-	-	-	6,404	484
Dean Drive (Animal Shel	-	-	-	-	755	554	800	2,109	1,309
Route 28 / Nokesville Ro	13,783	-	-	-	-	-	-	13,783	-
Stonewall Park Trail Exte	-	-	-	500	225	400	-	1,125	1,125
Traffic Signal Span Wire	-	695	-	-	-	-	-	695	695
Roundabout Sudley/Cen	3,400	-	-	-	-	-	-	3,400	-
Mathis Avenue	5,550	-	-	-	-	-	-	5,550	-
Wellington Road Shared	675	-	-	-	-	-	-	675	-
Program Total	29,328	1,179	-	500	980	954	800	33,741	3,613
Water									
24" Transmission Main R	-	16,000	-	-	-	-	-	16,000	16,000
Screw Press Decant	-	6,700	-	-	-	-	-	6,700	6,700
Program Total	-	22,700	-	-	-	-	-	22,700	22,700
Stormwater Round Elementary Pond	-	5,300	-	-	-	-	-	5,300	5,300
Cannon Branch/Winters	-	3,747	-	-	-	-	-	3,747	3,747
Program Total	-	9,047	-	-	-		-	9,047	9,047
Airport									
Realignment of Wakema	-	-	-	-	-	-	3,465	3,465	-
Land Acquisition Southw	-	-	-	-	-	-	2,850	2,850	-
Taxiway A Rehabilitation	2,520	-	-	-	-	-	-	2,520	-
North East Apron Expan	-	-	-	-	-	-	1,980	1,980	-
Rehab/Widen Taxiway B	538	4,500	-	-	-	-	-	5,038	4,500
Rehabilitation of Runway	-	540	-	4,500	-	-	-	5,040	5,040
East Apron Rehabilitatio	-	-	360	-	2,700	2,250	-	5,310	5,310
Runway 16L/34R Extens	-	-	-	-	248	-	3,150	3,398	248
South East Airport Comp	-	-	-	-	360	-	6,570	6,930	360

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Design Construct Taxila	-	-	-	-	1,530	-	-	1,530	1,530
Program Total	3,058	5,040	360	4,500	4,838	2,250	18,015	38,061	16,988
Total Federal Funds	32,386	46,826	360	5,000	5,818	3,204	18,815	112,409	61,208

Federal funding generally takes the form of grants. Projects will not move forward until awards have been received.

FY 2023 ARPA Funded Projects Total: \$40,607,000

- Dean Park: \$8,860,000
- 24" Water Main Replacement: \$16,000,000
- Water Treatment Plant Screw Press Decant: \$6,700,000
- Round Elementary Pond Retrofit: \$5,300,000
- Cannon Branch / Winters Branch Stream Restoration: \$3,747,000

FY 2023 Federal Transportation Funding Projects Total: \$1,179,000

FY 2023 Federal Aviation Funded Projects Total: \$5,040,000

NVTA 30% FUNDING BY CAPITAL PROJECT

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Transportation									
Grant Avenue (Lee Aven	900	-	-	-	-	-	-	900	-
Dean Drive Extended (E	2,769	-	-	-	-	-	-	2,769	-
Dean Drive (Animal Shel	-	-	-	-	750	750	443	1,943	1,500
Route 28 / Nokesville Ro	23	-	-	-	-	-	-	23	-
Stonewall Park Trail Exte	-	-	-	-	595	-	-	595	595
Godwin Drive Bike Trail	900	-	-	-	-	-	-	900	-
Commercial Corridor Str	597	70	-	-	-	-	-	667	70
Longstreet Water Line &	-	1,750	-	-	-	-	-	1,750	1,750
Roundabout Sudley/Cen	425	-	-	-	-	-	-	425	-
Mathis Avenue	477	1,200	-	-	-	-	-	1,677	1,200
Quarry Streetscape	404	-	-	-	-	-	-	404	-
Wellington Road Shared	292	-	-	-	-	-	-	292	-
Program Total	6,787	3,020	-	-	1,345	750	443	12,345	5,115
Total NVTA 30% Funds	6,787	3,020	-	-	1,345	750	443	12,345	5,115

OTHER SOURCE FUNDING BY CAPITAL PROJECT

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
General Government									
City Hall Annex	-	439	5,166	-	-	-	-	5,605	5,605
City Hall / Downtown Par	-	3,000	-	7,515	-	-	-	10,515	10,515
Building Automation Syst	-	340	-	-	-	-	-	340	340
Program Total	-	3,779	5,166	7,515	-	-	-	16,460	16,460
Culture & Recreation									
Manassas Museum	1,000	200	-	-	-	-	-	1,200	200
Dean Park	250	-	-	-	-	-	-	250	-
Byrd Park	-	-	-	-	1,800	-	-	1,800	1,800
Annaburg Manor	1,866	2,250	-	-	-	-	-	4,116	2,250
Cedar Crest Park	-	-	-	-	500	-	-	500	500
Stonewall Park	-	2,325	-	-	4,250	-	-	6,575	6,575
Program Total	3,116	4,775	-	-	6,550	-	-	14,441	11,325
Public Safety									
Public Safety Facility	520	-	-	-	-	-	-	520	-
Program Total	520	-	-	-	-	-	-	520	-
Transportation									
Grant Avenue (Lee Aven	126	-	-	-	-	-	-	126	-
Dean Drive Extended (E	195	-	-	-	-	-	-	195	-
Route 28 / Nokesville Ro	3,294	-	-	-	-	-	-	3,294	-
Liberia Avenue	-	-	-	-	1,610	1,900	5,345	8,855	3,510
Godwin Drive Bike Trail	50	-	-	-	-	-	-	50	-
Gateway Boulevard Side	758	-	-	-	-	-	-	758	-
Longstreet Water Line &	-	2,000	-	-	-	-	-	2,000	2,000
Quarry Streetscape	8	-	-	-	-	-	-	8	-
Wellington Road Shared	31	-	-	-	-	-	-	31	-
Wakeman Tract Pond Tr	-	-	2,300	-	-	-	-	2,300	2,300
Program Total	4,462	2,000	2,300	-	1,610	1,900	5,345	17,617	7,810
Sewer									
Upper Flat Branch Interc	35	-	-	-	-	-	-	35	-
Sewer Capacity Expansi	-	-	29,100	-	-	-	-	29,100	29,100
Program Total	35	-	29,100	-	-	-	-	29,135	29,100

	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Electric									
AWS/BCG Substation	41,700	2,000	-	-	-	-	-	43,700	2,000
Lockheed Substation Re	3,000	-	-	-	-	-	-	3,000	-
Program Total	44,700	2,000	-	-	-	-	-	46,700	2,000
Stormwater									
Euclid/Sills Warehouse	89	-	-	-	-	-	-	89	-
Cannon Branch/Winters	-	600	-	-	-	-	-	600	600
Lucasville Regional Pon	-	1,030	-	-	-	-	-	1,030	1,030
New Britain Regional Po	-	1,560	-	-	-	-	-	1,560	1,560
Program Total	89	3,190	-	-	-	-	-	3,279	3,190
Total Other Sources	52,922	15,744	36,566	7,515	8,160	1,900	5,345	128,152	69,885

FY 2023 Land Sale Funded Projects Total: \$5,689,000

- City Hall Annex: \$439,000
- City Hall / Downtown Parking: \$3,000,000
- Annaburg Manor \$2,250,000
- FY 2023 Building Maintenance Fund Balanced Funded Projects: \$340,000
 - Building Automation System: \$340,000
- FY 2023 Donations Funded Projects Total: \$200,000
 - Manassas Museum: \$200,000
- FY 2023 Existing Bonds Funded Projects Total: \$5,885,000
 - Stonewall Park Stormwater Improvements \$2,325,000
 - Longstreet Water Line & Sidewalk: \$2,000,000
 - New Britain Regional Pond Retrofit: \$1,560,000
- FY 2023 Private Contributions Funded Projects Total: \$2,000,000 - AWS/BCG Substation: \$2,000,000
- FY 2023 Stormwater Escrow Funded Projects Total: \$1,630,000
 - Cannon Branch / Winters Branch Stream Restoration: \$600,000
 - Lucasville Regional Pond Retrofit: \$1,030,000

FY 2023 CAPITAL PROJECTS

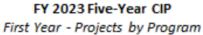
		FY 2023
General G	Government	
G-023	City Hall Annex	439
G-024	City Hall / Downtown Parking	3,000
G-025	Building Automation System	340
		3,779
	Recreation	
C-006	Manassas Museum	200
C-017	Dean Park	8,860
C-041	Annaburg Manor	2,250
C-048	Stonewall Park	2,325
		13,635
Public Sa	fety	
P-018	Animal Shelter Improvements	130
		130
Transport		
T-015	Sudley Road Third Lane	605
T-021	Grant Avenue (Lee Avenue to Wellington Road)	300
T-030	Dean Drive Extended (Existing Cul-de-sac to Animal Shelter)	31
T-070	Commercial Corridor Streetscapes	70
T-079	Traffic Signal Span Wire to Mast Arms	869
T-084	Longstreet Water Line & Sidewalk	3,750
T-086	Mathis Avenue	1,200
		6,825
Water		
W-042	24" Transmission Main Replacement	16,000
W-076	Screw Press Decant	6,700
		22,700
Electric		
E-034	LED Streetlight Replacement	125
E-035	Manassas Airport Distribution Improvements	450
E-039	Distribution Facility Relocations (Pr Wm Water Tank Site)	50
E-040	AWS/BCG Substation	2,000
		2,625

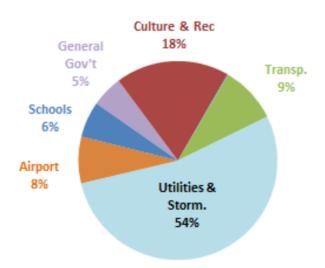
FY 2023 CAPITAL PROJECTS

		FY 2023
Stormwate	er	
D-036	Round Elementary Pond Retrofit & Stream Restoration	5,300
D-037	Cannon Branch/Winters Branch Stream Restoration	4,347
D-039	Lucasville Regional Pond Retrofit	1,804
D-043	New Britain Regional Pond Retrofit	2,800
		14,251
Airport		
A-074	Rehab/Widen Taxiway B with Lighting System Upgrades	5,000
A-091	Rehabilitation of Runway 16L/34R	600
		5,600
Schools		
0101	District Wide - Classroom Trailers	250
0102	District Wide - Technology Upgrades	200
0103	District Wide - School Bus Replacements	500
0105	District Wide - School Bus Additions	125
0201	Central Office - Replacement	1,594
0420	Osbourn - Turf Field Installation	1,300
0604	Mayfield - Drop Off Area & Parking Lot Paving	200
1104	Weems - Window/Door Replacement	131
		4,300

Total 73,845

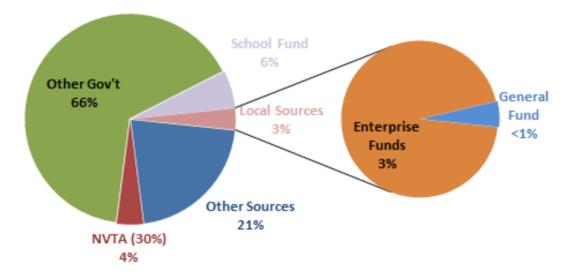
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Funding Sources		FY 2023
General Fund		130
Sewer Fund		31
Water Fund		-
Electric Fund		925
Stormwater Fund		1,240
Airport Fund		112
School Fund		4,300
Bonds		-
State		1,517
Federal		46,826
NVTA		3,020
Other Sources		15,744
	Total	73,845

FY 2023 Five-Year CIP First Year - Projects by Funding Source



The City identifies capital projects as projects with a cost greater than \$100,000 <u>and</u> 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 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year Total
Culture & Recreation	2,188	580	290	460	640	310	-	4,468	2,280
Transportation	4,236	910	800	1,300	800	800	-	8,846	4,610
Sewer	103	450	450	450	450	450	-	2,353	2,250
Water	6,349	-	800	600	600	900	300	9,549	2,900
Electric	11,607	1,975	2,060	1,950	2,060	1,950	-	21,602	9,995
Stormwater	1,568	2,075	1,500	1,500	1,125	1,125	-	8,893	7,325
Airport	1,980	295	640	362	125	-	35	3,437	1,422
Total Cost	28,031	6,285	6,540	6,622	5,800	5,535	335	59,148	30,782
Funding Sources:									
General Fund	2,154	1,120	890	850	890	850	-	6,754	4,600
Sewer Fund	103	450	450	450	450	450	-	2,353	2,250
Water Fund	5,861	-	800	600	600	900	300	9,061	2,900
Electric Fund	11,463	1,975	2,060	1,950	2,060	1,950	-	21,458	9,995
Stormwater Fund	1,068	1,525	1,000	1,000	625	625	-	5,843	4,775
Airport Fund	391	99	109	84	45	-	7	735	337
School Fund	510	60	-	60	-	60	-	690	180
Bonds	632	-	-	-	-	-	-	632	-
State	1,979	196	306	378	80	-	28	2,967	960
Federal	792	50	225	400	-	-	-	1,467	675
NVTA	2,802	700	700	700	700	700	-	6,302	3,500
Other Sources	276	110	-	150	350	-	-	886	610
Total Funding	28,031	6,285	6,540	6,622	5,800	5,535	335	59,148	30,782

The City identifies capital projects as projects with a cost greater than \$100,000 <u>and</u> 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 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Culture & Recreation									
School Playground Equi	1,045	120	-	120	-	120	-	1,405	360
Candy Factory Improve	168	270	-	-	-	-	-	438	270
Park Improvements	905	-	250	-	250	-	-	1,405	500
Stonewall Pool Improve	70	40	40	40	40	40	-	270	200
Historic Site Improveme	-	150	-	300	-	150	-	600	600
Sport Fields Improveme	-	-	-	-	350	-	-	350	350
Program Total	2,188	580	290	460	640	310	-	4,468	2,280
Transportation									
Sidewalk & Bicycle Infill	3,232	360	250	250	250	250	-	4,592	1,360
Traffic Signal Coordinati	530	200	200	700	200	200	-	2,030	1,500
Wayfinding	224	-	-	-	-	-	-	224	-
Project Development	250	250	250	250	250	250	-	1,500	1,250
Culvert Maintenance	-	100	100	100	100	100	-	500	500
Program Total	4,236	910	800	1,300	800	800	-	8,846	4,610
Sewer									
Sewer Main Replaceme	103	450	450	450	450	450	-	2,353	2,250
Program Total	103	450	450	450	450	450	-	2,353	2,250
Water									
Main Replacement / Loo	4,144	-	400	400	400	400	-	5,744	1,600
Water Plant Improvemen	1,717	-	400	200	200	200	-	2,717	1,000
Conventional Filter Reha	488	-	-	-	-	300	300	1,088	300
Program Total	6,349	-	800	600	600	900	300	9,549	2,900
Electric									
Electric T&D Maintenanc	5,347	800	800	800	800	800	-	9,347	4,000
Alternative Generation In	2,350	300	300	300	300	300	-	3,850	1,500
Place Overhead Lines U	2,725	500	500	500	500	500	-	5,225	2,500
Substation Capacity and	925	375	350	350	350	350	-	2,700	1,775
Distribution Switching Ca	260	-	110	-	110	-	-	480	220
Program Total	11,607	1,975	2,060	1,950	2,060	1,950	-	21,602	9,995

The City identifies capital projects as projects with a cost greater than \$100,000 <u>and</u> 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 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Stormwater									
SWMF Annual/Deferred	105	900	375	375	-	-	-	1,755	1,650
Floodplain Mapping Upd	320	125	125	125	125	125	-	945	625
Drainage Maintenance &	643	500	500	500	500	500	-	3,143	2,500
Upstream Inspections &	500	550	500	500	500	500	-	3,050	2,550
Program Total	1,568	2,075	1,500	1,500	1,125	1,125	-	8,893	7,325
Airport									
Airport Paving Program (395	-	-	202	-	-	-	597	202
Master Plan Study	864	-	-	-	-	-	-	864	-
Airport Alternative Energ	-	-	-	-	-	-	35	35	-
Airfield Improvements	65	80	-	100	-	-	-	245	180
Airfield Paving Program	435	135	210	-	-	-	-	780	345
Air Traffic Control Tower	141	-	-	-	-	-	-	141	-
Environmental Assessm	-	-	250	-	-	-	-	250	250
Airfield Marking	80	-	70	-	-	-	-	150	70
Airfield Fencing	-	-	-	45	125	-	-	170	170
Airside Tree Removal	-	-	30	-	-	-	-	30	30
Security Equipment Repl	-	45	25	15	-	-	-	85	85
Terminal Building Improv	-	35	55	-	-	-	-	90	90
Program Total	1,980	295	640	362	125	-	35	3,437	1,422
Total Costs	28,031	6,285	6,540	6,622	5,800	5,535	335	59,148	30,782

MAINTENANCE CAPITAL PROJECT LISTING

The City identifies capital projects as 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 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
General Fund	2,154	1,120	890	850	890	850	-	6,754	4,600
Sewer Fund	103	450	450	450	450	450	-	2,353	2,250
Water Fund	5,861	-	800	600	600	900	300	9,061	2,900
Electric Fund	11,463	1,975	2,060	1,950	2,060	1,950	-	21,458	9,995
Stormwater Fund	1,068	1,525	1,000	1,000	625	625	-	5,843	4,775
Airport Fund	391	99	109	84	45	-	7	735	337
School Fund	510	60	-	60	-	60	-	690	180
Bonds	632	-	-	-	-	-	-	632	-
State	1,979	196	306	378	80	-	28	2,967	960
Federal	792	50	225	400	-	-	-	1,467	675
NVTA	2,802	700	700	700	700	700	-	6,302	3,500
Other Sources	276	110	-	150	350	-	-	886	610
Total Funding	28,031	6,285	6,540	6,622	5,800	5,535	335	59,148	30,782

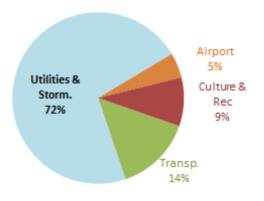
FY 2023 MAINTENANCE CAPITAL PROJECTS

		FY 2023
Culture & C-007	Recreation School Playground Equipment Replacement	120
C-010	Candy Factory Improvements	270
C-046	Stonewall Pool Improvements	40
C-047	Historic Site Improvements	150
0-047		580
Transport	ation	
Т-058	Sidewalk & Bicycle Infill	360
T-064	Traffic Signal Coordination & Upgrades	200
T-090	Project Development	250
T-092	Culvert Maintenance	100
		910
Sewer		
S-023	Sewer Main Replacement	450
		450
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	375
		1,975
Stormwat		000
D-029	SWMF Annual/Deferred Maintenance	900
D-030	Floodplain Mapping Update Program	125
D-035	Drainage Maintenance & Construction	500
D-038	Upstream Inspections & Repairs	550
Airport		2,075
Airport A-082	Airfield Improvements	80
A-084	Airfield Paving Program	135
A-104	Security Equipment Replacement Program	45
A-104	Terminal Building Improvements	35
A-100		
		295
		Total 6,285

Funding Sources		FY 2023
General Fund		1,120
Sewer Fund		450
Water Fund		-
Electric Fund		1,975
Stormwater Fund		1,525
Airport Fund		99
School Fund		60
Bonds		-
State		196
Federal		50
NVTA		700
Other Sources		110
	Total	6,285
	FY 2023 Five-Year CIP	

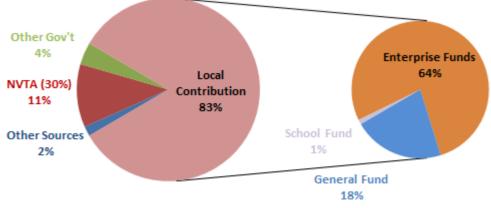
FY 2023 Five-Year CIP First Year - Maintenance

Projects by Program



FY 2023 Five-Year CIP

First Year - Maintenance Projects by Funding Source



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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

City Hall Renovations/Improvements (G-016)

Completed design and began renovations to City Hall (G-016).

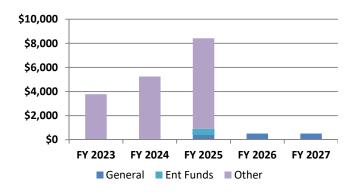


Marvin L. Gillum City Hall

THE FIVE-YEAR PLAN (FY 2023 - FY 2027)

The FY 2023 Five-Year Capital Improvement Program (CIP) includes a \$1,510,000 transfer from the General Fund; \$500,000 in Enterprise Fund Contributions; and \$16,460,000 in Other Sources.

FY 2023 funding consists of \$3,779,000 in Other Sources.



(Dollars in Thousands)

FY 2023 CAPITAL PROJECTS

City Hall Annex & Parking (G-023 & G-024)

Begin design of a new 4-story building adjacent City Hall and structured parking to serve the facility and provide additional public parking on the north side of the Downtown.

Building Automation Systems (G-025)

Install HVAC automation systems to existing city facilities including the Train Depot, Animal Shelter, Harris Pavilion, Old Town Hall, and the Public Works complex.

FY 2023 MAINTENANCE CAPITAL PROJECTS

There are no maintenance capital projects for FY 2023.

NEW CAPITAL PROJECTS

- Fuel Island Upgrade at Public Works/Utilities (G-026)
- Building Maintenance Shop Facility (G-027)

SUMMARY OF GENERAL GOVERNMENT CAPITAL PROJECTS

Cost Estimates:	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Planning	750	449	80	370	-	-	803	2,452	899
Land	-	3,000	-	-	-	-	-	3,000	3,000
Construction	11,417	330	5,166	8,045	515	515	5,536	31,524	14,571
Total Cost	12,167	3,779	5,246	8,415	515	515	6,339	36,976	18,470
Funding Sources:									
General Fund	547	-	80	400	515	515	-	2,057	1,510
Sewer Fund	282	-	-	125	-	-	-	407	125
Water Fund	168	-	-	125	-	-	-	293	125
Electric Fund	1,010	-	-	250	-	-	-	1,260	250
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	10,160	-	-	-	-	-	6,339	16,499	-
State	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	3,779	5,166	7,515	-	-	-	16,460	16,460
Total Funding	12,167	3,779	5,246	8,415	515	515	6,339	36,976	18,470
Operating Impacts:									
Revenue	-					-	-	-	-
Staffing (Costs) Savings	-					-	-	-	-
Facility (Costs) Savings	-				· -	-	-	-	-
Program (Costs) Saving	-	· -				-	-	-	-
Debt Service	-					-	(6,973)	(6,973)	-
Net Revenue	-	-		. -	-	-	(6,973)	(6,973)	-

Project Name	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
City Hall	10,707	-	-	-	-	-	-	10,707	-
Public Works & Utilities	1,460	-	-	-	-	-	6,339	7,799	-
City Hall Annex	-	439	5,166	-	-	-	-	5,605	5,605
City Hall / Downtown Par	-	3,000	-	7,515	-	-	-	10,515	10,515
Building Automation Syst	-	340	-	-	-	-	-	340	340
Fuel Island Upgrade at P	-	-	80	670	-	-	-	750	750
Building Maintenance Sh	-	-	-	230	515	515	-	1,260	1,260
Total	12,167	3,779	5,246	8,415	515	515	6,339	36,976	18,470

G-016 City Hall

Year Introduced:	2014
Change:	No change
Associated Proj:	G-023
Program Area:	General Government
Managing Dept:	Public Works
Manager:	S. Horan
Plan Conformanc	
CFI 7.1.1	Est. Start:
CFI 7.1.8	Est. Complete:



Description:

Improvements to City Hall include an unoccupied renovation/modernization of the facility in FY22 and FY23 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

Cost Estimate: (\$ in 1,000s	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	, 750	-	-	-	-	-	-	750
Land	-	-	-	-	-	-	-	-
Construction	9,957	-	-	-	-	-	-	9,957
Total Cost	10,707	-	-	-	-	-	-	10,707
Funding Sources: (\$ in 1,00	00s)							
General Fund	267	-	-	-	-	-	-	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	10,707	-	-	-	-	-	-	10,707
Operating Impacts: (\$ in 1,	000s)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

G-020 Public Works & Utilities Facility

Year Introduced:2014Change:No changeAssociated Proj:N/AProgram Area:General GovernmentManaging Dept:Public WorksManager:S. HoranPlan Conformance:Est. Start:CFI 7.1.1Est. Complete:



Description:

The Public Works & Utilities Facility Improvement Project includes a comprehensive renovation/modernization of Building A, a part of Building B and improvements to the storage yard. The improvement project will provide Public Works and Utilities adequate space and tools to provide critical day-to-day and emergency service response.

Cost Estimate: (\$ in 1,000s	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	803	803
Land	-	-	-	-	-	-	-	-
Construction	1,460	-	-	-	-	-	5,536	6,996
Total Cost	1,460	-	-	-	-	-	6,339	7,799
Funding Sources: (\$ in 1,00 General Fund	00s) 280	_	_	_	-	_	-	280
Sewer Fund	282	-	-	-	-	-	-	282
Water Fund	168	-	-	-	-		-	168
Electric Fund	730	-	-	-	-	-	-	730
Stormwater Fund	-				-		-	
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	6,339	6,339
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	1,460	-	-	-	-	-	6,339	7,799
Operating Impacts: (^{\$ in 1,} Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-		-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	(6,973)	(6,973)
Net Revenue	-	-	-	-	-	-	(6,973)	(6,973)

G-023 City Hall Annex

Year Introduced:	2021	021								
Change:	Moved From Future	Noved From Future								
Associated Proj:	G-024	<u>3</u> -024								
Program Area:	General Government	General Government								
Managing Dept:	Public Works	Public Works								
Manager:	S. Horan									
Plan Conformanc			10							
CFI 7.1.1	Est. Start:	7/1/2023								
	Est. Complete:	12/31/2025								



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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	439	-	-	-	-	-	439
Land	-	-	-	-	-	-	-	-
Construction	-	-	5,166	-	-	-	-	5,166
Total Cost	-	439	5,166	-	-	-	-	5,605
Funding Sources: (\$ in 1,000s General Fund) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	439	5,166	-	-	-	-	5,605
Total Funding	-	439	5,166	-	-	-	-	5,605
Operating Impacts: (\$ in 1,000	Ds)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

G-024 City Hall / Downtown Parking

Year Introduced:	2016		-
Change:	Moved From Future		and a part of
Associated Proj:	G-023		
Program Area:	General Government		
Managing Dept:	Public Works		
Manager:	S. Horan		
Plan Conformanc		7/4/0000	
LU 3.4.1	Est. Start:	7/1/2023	RE IL LENGTH
ED 5.3.1	Est. Complete:	12/31/2026	

Description:

Construct a new north side parking garage 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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	140	-	-	-	140
Land	-	3,000	-	-	-	-	-	3,000
Construction	-	-	-	7,375	-	-	-	7,375
Total Cost	-	3,000	-	7,515	-	-	-	10,515
Funding Sources: (\$ in 1,000s General Fund) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	3,000	-	7,515	-	-	-	10,515
Total Funding	-	3,000	-	7,515	-	-	-	10,515
Operating Impacts: (\$ in 1,000	ls)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

G-025 Building Automation System

Year Introduced:	2022				
Change:	Decreased Estimate		Building Automation Behind the's automatic Vision, Vision	Second Materialist	Q C Q
Associated Proj:	N/A		:0-4		12
Program Area:	General Government				1
Managing Dept:	Public Works		The state want to		Inortickey Colorada
Manager:	S. Horan			A 17	TO MANA
Plan Conformanc	e: Est. Start:	7/1/2022	Manie 1999	XTH	****
CFI 7.1.5	Est. Complete:	6/30/2023			1.8

Description:

Installation of digital building automation systems (BAS) for existing city buildings (Old Town Hall, Public Works, Train Depot, Animal Shelter, and Harris Pavilion) to provide automated HVAC controls. Currently all city buildings do not have any type of BAS resulting in inefficient operations of HVAC systems and less than optimal system response. The improvements will allow staff to remotely access, increase response time, save energy, and reduce utility costs.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	10	-	-	-	-	-	10
Land	-	-	-	-	-	-	-	-
Construction	-	330	-	-	-	-	-	330
Total Cost	-	340	-	-	-	-	-	340
Funding Sources: (\$ in 1,000s General Fund	;) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	340	-	-	-	-	-	340
Total Funding	-	340	-	-	-	-	-	340
Operating Impacts: (\$ in 1,000 Revenue	Ds) -	-	-	-	-	-	-	-
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		and the second states
Change:	New Project		
Associated Proj:	G-020		Constant Million Constant
Program Area:	General Government		
Managing Dept:	Public Works		
Manager:	S. Horan		
Plan Conformanc			
CFI 7.1.5	Est. Start:	7/1/2023	
	Est. Complete:	6/30/2025	and the second se

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	80	-	-	-	-	80
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	670	-	-	-	670
Total Cost	-	-	80	670	-	-	-	750
Funding Sources: (\$ in 1,000s General Fund	s) -	-	80	170	-	_	-	250
Sewer Fund	-	-	-	125	-	-	-	125
Water Fund		-	-	125	-	-	-	125
Electric Fund	-	-	-	250	-	-	-	250
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	80	670	-	-	-	750
Operating Impacts: (\$ in 1,00 Revenue	0s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service		•	•		•		-	-
Net Revenue	-	-	-	-	-	-	-	-

G-027 Building Maintenance Shop Facility

Year Introduced:	2023		
Change:	New Project		
Associated Proj:	G-020		
Program Area:	General Government		A A A A A A A A A A A A A A A A A A A
Managing Dept:	Public Works		A. Salad H. and
Manager:	S. Horan		
Plan Conformanc			and the state of the second
CFI 7.1.1	Est. Start:	7/1/2024	
	Est. Complete:	6/30/2027	

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	230	-	-	-	230
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	515	515	-	1,030
Total Cost	-	-	-	230	515	515	-	1,260
Funding Sources: (\$ in 1,000; General Fund	s) -	-	-	230	515	515	-	1,260
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	-	230	515	515	-	1,260
Operating Impacts: (\$ in 1,00 Revenue	0s) -	-	-	-	-	-	-	_
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-		-	-	-
Net Revenue	-	-	-	-	-	-	-	-

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 design and began construction of renovations and new facilities at the Manassas Museum.



Maintenance Capital Projects

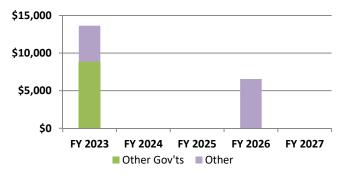
Completed improvements at Harris Pavilion (C-044) including painting, lighting, and sound system upgrades.

Began replacement of the tennis courts and completed community planning for additional park improvements at Lee Manor Park (C-031).

THE FIVE-YEAR PLAN (FY 2023 - FY 2027)

The FY 2023 Five-Year Capital Improvement Program (CIP) includes \$8,860,000 in Federal Aid and \$11,325,000 in Other Sources.

FY 2023 Funding consists of \$8,860,000 in Federal Aid and \$4,475,000 in Other Sources.



(Dollars in Thousands)

FY 2023 CAPITAL PROJECTS

<u>Dean Park (C-017)</u> Complete design and begin construction of improvements at Dean Park.



Annaburg (C-041)

Complete additional exterior stabilization including paint removal and window replacement and add additional park amenities.

FY 2023 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 2023, maintenance capital projects include improvements to the 2nd floor of Liberia and Mayfield playground. 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

- Byrd Park (C-023)
- Stonewall Park (C-048)

SUMMARY OF CULTURE & RECREATION CAPITAL PROJECTS

(\$ in Thousands)

Cost Estimates:	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Planning	654	585	-	-	650	-	400	2,289	1,235
Land	846	-	-	-	-	-	-	846	-
Construction	7,760	13,050	-	-	5,900	-	3,900	30,610	18,950
Total Cost	9,260	13,635	-	-	6,550	-	4,300	33,745	20,185
Funding Sources:									
General Fund	1,383	-	-	-	-	-	-	1,383	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	4,761	-	-	-	-	-	4,300	9,061	-
State	-	-	-	-	-	-	-	-	-
Federal	-	8,860	-	-	-	-	-	8,860	8,860
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	3,116	4,775	-	-	6,550	-	-	14,441	11,325
Total Funding	9,260	13,635	-	-	6,550	-	4,300	33,745	20,185
Operating Impacts:									
Revenue	-	-	-	-	-	-	-	-	_
Staffing (Costs) Savings	-	-	-	-	-	-	-	-	_
Facility (Costs) Savings	_	(20)	(153)	(153)	(153)	(153)	-	(632)	(632)
Program (Costs) Saving	-	(20)	-	- (100)	- (100)	-	-	- (002)	-
Debt Service	-	-	-	-	-	-	(4,730)	(4,730)	-
Net Revenue	-	(20)	(153)	(153)	(153)	(153)	(4,730)	(5,362)	(632)

CULTURE & RECREATION CAPITAL PROJECT LISTING

Project Name	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Manassas Museum	6,590	200	-	-	-	-	-	6,790	200
Dean Park	754	8,860	-	-	-	-	-	9,614	8,860
Byrd Park	-	-	-	-	1,800	-	-	1,800	1,800
Annaburg Manor	1,916	2,250	-	-	-	-	4,300	8,466	2,250
Cedar Crest Park	-	-	-	-	500	-	-	500	500
Stonewall Park	-	2,325	-	-	4,250	-	-	6,575	6,575
Total	9,260	13,635	-	-	6,550	-	4,300	33,745	20,185

C-006 Manassas Museum

Year Introduced:	2001		
Change:	No change		
Associated Proj:	N/A		
Program Area:	Culture & Recre	eation	
Managing Dept:	Public Works		
Manager:	S. Horan		
Plan Conformanc	e:		- / /
PCR 9.6.2		Est. Start:	2/11/2008
		Est. Complete:	12/31/2023



Description:

Construct a small addition for a multi-purpose space, special exhibits, storage, and events in anticipation of the 150th anniversary celebration of the incorporation of Manassas in 2023. Additional funding from private donations and fundraising is included for FY23.

Status: Construction

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	390	-	-	-	-	-	-	390
Land	-	-	-	-	-	-	-	-
Construction	6,200	200	-	-	-	-	-	6,400
Total Cost	6,590	200	-	-	-	-	-	6,790
Funding Sources: (\$ in 1,00	0s)							
General Fund	1,069	-	-	-	-	-	-	1,069
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	4,521	-	-	-	-	-	-	4,521
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	1,000	200	-	-	-	-	-	1,200
Total Funding	6,590	200	-	-	-	-	-	6,790
Operating Impacts: (\$ in 1,0)00s)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	(58)	(58)	(58)	(58)	-	(232)
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	(58)	(58)	(58)	(58)	-	(232)

C-017 Dean Park

Year Introduced:	2016
Change:	Increased Estimate
Associated Proj:	1301
Program Area:	Culture & Recreation
Managing Dept:	Engineering
Manager:	L. Kilby
Plan Conformanc	
PCR 9.1.2	Est. Start:
	Est. Complete:



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 a Ph. 1 design is anticipated in FY22. Funding for construction of Ph 1. and Ph. 2 using ARPA funding is shown in FY23.

Status: Design

Estimated Construction Start: Fall 2022

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	229	110	-	-	-	-	-	339
Land	-	-	-	-	-	-	-	-
Construction	525	8,750	-	-	-	-	-	9,275
Total Cost	754	8,860	-	-	-	-	-	9,614
Funding Sources: (\$ in 1,00 General Fund	0s) 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	754	8,860	-	-	-	-	-	9,614
Operating Impacts: (\$ in 1,0 Revenue)00s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	(75)	(75)	(75)	(75)	-	(300)
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	(75)	(75)	(75)	(75)	-	(300)

C-023 Byrd Park

Year Introduced:	2023
Change:	New Project
Associated Proj:	N/A
Program Area:	Culture & Recreation
Managing Dept:	Community Development
Manager:	M. Arcieri
Plan Conformanc	
PCR 9.3.1	Est. Start:
	Est. Complete:



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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	150	-	-	150
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	1,650	-	-	1,650
Total Cost	-	-	-	-	1,800	-	-	1,800
Funding Sources: (\$ in 1,000 General Fund	s) -	-	-	-	-	-	-	-
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: (\$ in 1,00 Revenue	0s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

C-041 Annaburg Manor

Year Introduced:	2019	
Change:	Increased Estimate	
Associated Proj:	N/A	
Program Area:	Culture & Recreation	
Managing Dept:	Community Development	
Manager:	M. Arcieri	
Plan Conformanc		
PCR 9.2.1	Est. Start:	
	Est. Complete:	(



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). FY23 funding 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: Design

Estimated Constuction Start: Fall 2022

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	35	250	-	-	-	-	400	685
Land	846	-	-	-	-	-	-	846
Construction	1,035	2,000	-	-	-	-	3,900	6,935
Total Cost	1,916	2,250	-	-	-	-	4,300	8,466
Funding Sources: (\$ in 1,00 General Fund	00s) 50	-	-	-	-	-	-	50
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	4,300	4,300
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	1,866	2,250	-	-	-	-	-	4,116
Total Funding	1,916	2,250	-	-	-	-	4,300	8,466
Operating Impacts: (\$ in 1,0 Revenue	000s) -	-	-	-	-	-	-	-
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:	Funding Source
Associated Proj:	N/A
Program Area:	Culture & Recreation
Managing Dept:	Community Development
Manager:	M. Arcieri
Plan Conformanc	
PCR 9.3.1	Est. Start:
	Est. Complete:



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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	50	-	-	50
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	450	-	-	450
Total Cost	-	-	-	-	500	-	-	500
Funding Sources: (\$ in 1,000s General Fund	S) -	-	-	-	-	-	-	-
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: (\$ in 1,000 Revenue	0s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	•	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-		-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

C-048 Stonewall Park

Year Introduced:	2023	
Change:	New Project	
Associated Proj:	T-052	
Program Area:	Culture & Recreation	
Managing Dept:	Community Development	
Manager:	M. Arcieri	
Plan Conformanc		_///
PCR 9.1.2	Est. Start:	7/1/2022
	Est. Complete:	12/31/2027



Description:

Renovate the rectangular field and add lighting. Renovate the existing playgrounds, pavilion, tennis, and sport courts and add trail and walking path connections. Stormwater enhancements to address City MS4 permit requirements are included in FY23. The park amenities portion of the project would be funded through the dedicated funding from the sale of the E.G. Smith Ballfields.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	225	-	-	450	-	-	675
Land	-	-	-	-	-	-	-	-
Construction	-	2,100	-	-	3,800	-	-	5,900
Total Cost	-	2,325	-	-	4,250	-	-	6,575
Funding Sources: (\$ in 1,000s) General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	2,325	-	-	4,250	-	-	6,575
Total Funding	-	2,325	-	-	4,250	-	-	6,575
Operating Impacts: (\$ in 1,000	s)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

The City identifies Capital Projects as 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 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
School Playground Equi	1,045	120	-	120	-	120	-	1,405	360
Candy Factory Improve	168	270	-	-	-	-	-	438	270
Park Improvements	905	-	250	-	250	-	-	1,405	500
Stonewall Pool Improve	70	40	40	40	40	40	-	270	200
Historic Site Improveme	-	150	-	300	-	150	-	600	600
Sport Fields Improveme	-	-	-	-	350	-	-	350	350
Total Cost	2,188	580	290	460	640	310	-	4,468	2,280
Funding Sources									
General Fund	1,587	520	290	250	290	250	-	3,187	1,600
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	510	60	-	60	-	60	-	690	180
Bonds	-	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	91	-	-	150	350	-	-	591	500
Total Funding	2,188	580	290	460	640	310	-	4,468	2,280

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)

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

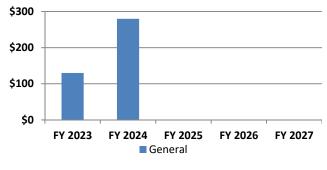


Public Safety Facility

THE FIVE-YEAR PLAN (FY 2023 - FY 2027)

The FY 2023 Five-Year Capital Improvement Program (CIP) includes a \$410,000 transfer from the General Fund.

FY 2023 funding consists of a \$130,000 transfer from the General Fund.



Dollars in Thousands

FY 2023 CAPITAL PROJECTS

<u>Public Safety Facility (P-015)</u> Complete construction of the new facility.

FY 2023 MAINTENANCE CAPITAL PROJECTS

There are no maintenance capital projects for FY 2023.

NEW CAPITAL PROJECTS

• Animal Shelter Improvements (P-018)

SUMMARY OF PUBLIC SAFETY CAPITAL PROJECTS

Cost Estimates:	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Planning	1,066	-	-	-	-	-	2,768	3,834	-
Land	3,200	-	-	-	-	-	2,800	6,000	-
Construction	37,698	130	280	-	-	-	19,257	57,365	410
Total Cost	41,964	130	280	-	-	-	24,825	67,199	410
Funding Sources:									
General Fund	165	130	280	-	-	-	-	575	410
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	41,279	-	-	-	-	-	24,825	66,104	-
State	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	520	-	-	-	-	-	-	520	-
Total Funding	41,964	130	280	-	-	-	24,825	67,199	410
Operating Impacts:									
Revenue	-	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	(359)	(444)	(444)	(444)	(444)	(444)	(2,579)	(2,135)
Program (Costs) Saving	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	(27,308)	(27,308)	-
Net Revenue	-	(359)	(444)	(444)	(444)	(444)	(27,752)	(29,887)	(2,135)

PUBLIC SAFETY CAPITAL PROJECT LISTING

Project Name	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Public Safety Facility	41,964	-	-	-	-	-	-	41,964	-
Animal Shelter Improve	-	130	280	-	-	-	-	410	410
Fire/Rescue Station 1	-	-	-	-	-	-	24,825	24,825	-
Total	41,964	130	280	-	-	-	24,825	67,199	410

P-015 Public Safety Facility

Year Introduced:	2013			
Change:	Timeline			Aller
Associated Proj:	T-021			
Program Area:	Public Safety			
Managing Dept:	Public Works			Sant Anton a Street
Manager:	S. Horan			- REFERENCE
Plan Conformanc	e:			
CFI 7.3.2		Est. Start:	12/11/2012	
0		Est. Complete:	12/31/2022	at Flandsteiner
				August and a second sec

Description:

Construct a new facility (89,844 approx. sq. ft.) and parking slip deck (17,124 sq. ft) at 9608 Grant Avenue consisting of Police Headquarters, consolidated Public Safety logistics, 911 Center, Emergency Operations Center, Fire & Rescue Administration, and the IT Department. Estimated Construction Complete: Aug. 2022; Move-in Fall 2022.

Status: Construction

Cost Estimate: (\$ in 1,000s	Prior	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	1,066	-	-	-	-	-	-	1,066
Land	3,200	-	-	-	-	-	-	3,200
Construction	37,698	-	-	-	-	-	-	37,698
Total Cost	41,964	-	-	-	-	-	-	41,964
Funding Sources: (\$ in 1,0	00s)							
General Fund	165	-	-	-	-	-	-	165
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	41,279	-	-	-	-	-	-	41,279
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	520	-	-	-	-	-	-	520
Total Funding	41,964	-	-	-	-	-	-	41,964
Operating Impacts: (\$ in 1,	000s)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	(359)	(444)	(444)	(444)	(444)	(444)	(2,579)
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	(359)	(444)	(444)	(444)	(444)	(444)	(2,579)

P-018 **Animal Shelter Improvements**

Year Introduced: 2023 New Project Change: Associated Proj: N/A **Program Area: Public Safety** Managing Dept: **Public Works** Manager: S. Horan **Plan Conformance:** CFI 7.1.5 Est. Complete:



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.

Est. Start:

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	130	280	-	-	-	-	410
Total Cost	-	130	280	-	-	-	-	410
Funding Sources: (\$ in 1,000; General Fund	5) -	130	280	-	-	-	-	410
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	130	280	-	-	-	-	410
Operating Impacts: (\$ in 1,00 Revenue	0s) -	-	-	-	-	-	-	-
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 Conformanc	
CFI 7.3.4	Est. Start:
	Est. Complete:



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 using 5% escalation to mid-point of construction in FY28.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	2,768	2,768
Land	-	-	-	-	-	-	2,800	2,800
Construction	-	-	-	-	-	-	19,257	19,257
Total Cost	-	-	-	-	-	-	24,825	24,825
Funding Sources: (\$ in 1,000s General Fund	5) -	-	-	-	-	-	-	
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	24,825	24,825
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	-	-	-	-	24,825	24,825
Operating Impacts: (\$ in 1,00 Revenue	0s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings		-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	•	-	-	-	-	-	(27,308)	(27,308)
Net Revenue	-	-	-	-	-	-	(27,308)	(27,308)

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

<u>Route 28/Nokesville Road Widening (T-042) and Dean</u> <u>Drive Extended (T-030)</u> Construction is underway.



Route 28/Nokesville Road Widening

Bike and Pedestrian Projects

Installed bike racks city-wide at parks and public facilities; completed the Dumfries Road shared use path from Hastings Drive to Donner Drive and constructed a new shared use path connecting Osbourn High School to Fairview Avenue (T-058).



Dumfries Road Shared Use Path

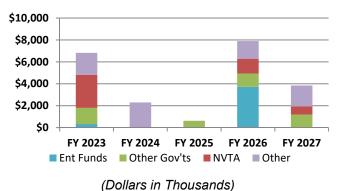
THE FIVE-YEAR PLAN (FY 2023 - FY 2027)

The FY 2023 Five-Year Capital Improvement Program (CIP) includes:

- \$4,051,000 Enterprise Fund Contributions
- \$4,516,000 State and Federal Aid
- \$5,115,000 NVTA 30% Funding

• \$7,810,000 Other Sources

FY 2023 funding consists of \$331,000 in Enterprise Fund Contributions; \$1,474,000 from State and Federal Aid; \$3,020,000 in NVTA 30% Funds; and \$2,000,000 in Other Sources.



FY 2023 CAPITAL PROJECTS

FY 2023 continues the focus on construction and design of existing projects. Major projects expected to begin or continue construction:

- Grant Avenue (T-021)
- Shared use paths on Godwin Drive (T-059) and Gateway Boulevard (T-083).

Major projects under design include:

- Sudley Road Third Lane (T-015)
- Mathis Avenue (T-086)

FY 2023 MAINTENANCE CAPITAL PROJECTS

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

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:

- Sudley Rd. Sidewalk Portner Ave. to Grant Ave.
- Dumfries Rd Bike Facilities Grant Ave. to Hastings Dr.
- Redoubt Rd. Trail connecting to Wakeman Ct.
- Godwin Trail Wellington Rd. to Sudley Rd.

NEW CAPITAL PROJECTS

- Longstreet Water Line & Sidewalk (T-084)
- Wakeman Tract Pond Trail (T-091)

SUMMARY OF TRANSPORTATION CAPITAL PROJECTS

Cost Estimates:	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Planning	4,936	50	-	420	2,210	-	-	7,616	2,680
Land	1,407	-	-	20	650	2,400	-	4,477	3,070
Construction	53,949	6,775	2,300	185	5,039	1,443	6,788	76,479	15,742
Total Cost	60,292	6,825	2,300	625	7,899	3,843	6,788	88,572	21,492
Funding Sources:									
General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	700	31	-	-	980	-	-	1,711	1,011
Water Fund	2,426	-	-	-	1,690	-	-	4,116	1,690
Electric Fund	2,057	300	-	-	1,050	-	-	3,407	1,350
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	4,358	-	-	-	-	-	-	4,358	-
State	10,174	295	-	125	244	239	200	11,277	903
Federal	29,328	1,179	-	500	980	954	800	33,741	3,613
NVTA	6,787	3,020	-	-	1,345	750	443	12,345	5,115
Other Sources	4,462	2,000	2,300	-	1,610	1,900	5,345	17,617	7,810
Total Funding	60,292	6,825	2,300	625	7,899	3,843	6,788	88,572	21,492
Operating Impacts:									
Revenue	-	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Saving	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-	-

TRANSPORTATION CAPITAL PROJECT LISTING

Project Name	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Sudley Road Third Lane	7,400	605	-	-	-	-	-	8,005	605
Grant Avenue (Lee Aven	12,020	300	-	-	-	-	-	12,320	300
Dean Drive Extended (E	4,430	31	-	-	-	-	-	4,461	31
Dean Drive (Animal Shel	-	-	-	-	5,414	1,443	1,443	8,300	6,857
Route 28 / Nokesville Ro	21,534	-	-	-	-	-	-	21,534	-
Liberia Avenue	-	-	-	-	1,610	1,900	5,345	8,855	3,510
Stonewall Park Trail Exte	-	-	-	625	875	500	-	2,000	2,000
Godwin Drive Bike Trail	1,703	-	-	-	-	-	-	1,703	-
Commercial Corridor Str	597	70	-	-	-	-	-	667	70
Traffic Signal Span Wire	-	869	-	-	-	-	-	869	869
Gateway Boulevard Side	758	-	-	-	-	-	-	758	-
Longstreet Water Line &	-	3,750	-	-	-	-	-	3,750	3,750
Roundabout Sudley/Cen	3,825	-	-	-	-	-	-	3,825	-
Mathis Avenue	6,027	1,200	-	-	-	-	-	7,227	1,200
Quarry Streetscape	1,000	-	-	-	-	-	-	1,000	-
Wellington Road Shared	998	-	-	-	-	-	-	998	-
Wakeman Tract Pond Tr	-	-	2,300	-	-	-	-	2,300	2,300
Total	60,292	6,825	2,300	625	7,899	3,843	6,788	88,572	21,492

T-015 Sudley Road Third Lane

Year Introduced:	2000		
Change:	Increased Estimate		Direction in the second
Associated Proj:	N/A		
Program Area:	Transportation		
Managing Dept:	Engineering		CAN THE AND AND AN AND AND AND AND AND AND AND
Manager:	J. Keenan		
Plan Conformanc		_ / / / / _	Plantin Alto Children Philippin
MOB 6.3.1	Est. Start:	7/1/2017	
	Est. Complete:	12/31/2024	STATISTICS AND
MOB 6.3.1			A CASA AND AN

Description:

Install a northbound third lane on Sudley Road with curb, gutter, sidewalk, and drainage 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 RSTP funding previously transferred from Prince William County has been added in FY23.

Status: Design

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	7,400	605	-	-	-	-	-	8,005
Total Cost	7,400	605	-	-	-	-	-	8,005
Funding Sources: (^{\$ in 1,00} General Fund	00s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	1,480	121	-	-	-	-	-	1,601
Federal	5,920	484	-	-	-	-	-	6,404
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	7,400	605	-	-	-	-	-	8,005
Operating Impacts: (\$ in 1,0 Revenue	000s) -	-	-	-	-	-	-	-
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:	Increased Estimate		
Associated Proj:	P-015		
Program Area:	Transportation		
Managing Dept:	Engineering		
Manager:	N. Roberson-Ramos		
Plan Conformanc	e:	40/4/0045	Carles and a summer of the second
MOB 6.2.1	Est. Start:	12/1/2015	
	Est. Complete:	6/30/2023	and the second states and states and states

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. Additional funding for LED street lights has been added in FY23. The second phase of this project from Prince William Street to Lee Avenue is expected to be completed by the end of 2026.

Status: Construction

Cost Estimate: (\$ in 1,000s)	Prior) Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	750	-	-	-	-	-	-	750
Land	-	-	-	-	-	-	-	-
Construction	11,270	300	-	-	-	-	-	11,570
Total Cost	12,020	300	-	-	-	-	-	12,320
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
Sewer Fund	680	-	-	-	-	-	-	680
Water Fund	2,346	-	-	-	-	-	-	2,346
Electric Fund	1,172	300	-	-	-	-	-	1,472
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	4,000	-	-	-	-	-	-	4,000
State	2,796	-	-	-	-	-	-	2,796
Federal	-	-	-	-	-	-	-	-
NVTA	900	-	-	-	-	-	-	900
Other Sources	126	-	-	-	-	-	-	126
Total Funding	12,020	300	-	-	-	-	-	12,320
Operating Impacts: (\$ in 1, Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service		-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

T-030 Dean Drive Extended (Existing Cul-de-sac to Animal Shelter

Year Introduced:	2001		Commenter of the second					
Change:	Increased Estimate	Increased Estimate						
Associated Proj:	W-050							
Program Area:	Transportation	624						
Managing Dept:	Engineering							
Manager:	J. Keenan	J. Keenan						
Plan Conformanc		0/4/0045	si≹ (
ED 5.3.1	Est. Start:	9/1/2015						
	Est. Complete:	7/1/2023	ares N					



Description:

Extend and improve Dean Drive by installing curb, gutter, sidewalk, bike lanes, and drainage. This will improve access and provide economic development stimulus for industrial property along Dean Drive. It will also improve drainage at the intersection of Foster Drive and Dean Drive.

Status: Construction

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	450	-	-	-	-	-	-	450
Land	110	-	-	-	-	-	-	110
Construction	3,870	31	-	-	-	-	-	3,901
Total Cost	4,430	31	-	-	-	-	-	4,461
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
Sewer Fund	20	31	-	-	-	-	-	51
Water Fund	80	-	-	-	-	-	-	80
Electric Fund	135	-	-	-	-	-	-	135
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	1,231	-	-	-	-	-	-	1,231
Federal	-	-	-	-	-	-	-	-
NVTA	2,769	-	-	-	-	-	-	2,769
Other Sources	195	-	-	-	-	-	-	195
Total Funding	4,430	31	-	-	-	-	-	4,461
Operating Impacts: (\$ in 1,0	000s)							
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:	No change			
Associated Proj:	N/A			
Program Area:	Transportation			
Managing Dept:	Engineering			
Manager:	L. Kilby			SIGNED CONTRACTOR
Plan Conformanc	e:		7/4/0005	and the second of
ED 5.3.1		Est. Start:	7/1/2025	
	E	Est. Complete:	7/1/2028	

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	600	-	-	600
Land	-	-	-	-	650	500	-	1,150
Construction	-	-	-	-	4,164	943	1,443	6,550
Total Cost	-	-	-	-	5,414	1,443	1,443	8,300
Funding Sources: (\$ in 1,000s General Fund	;) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	980	-	-	980
Water Fund	-	-	-	-	1,690	-	-	1,690
Electric Fund	-	-	-	-	1,050	-	-	1,050
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	189	139	200	528
Federal	-	-	-	-	755	554	800	2,109
NVTA	-	-	-	-	750	750	443	1,943
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	-	-	5,414	1,443	1,443	8,300
Operating Impacts: (\$ in 1,000 Revenue	Ds) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

T-042 Route 28 / Nokesville Road Widening

Year Introduced:	2004			
Change:	Timeline			
Associated Proj:	W-042			
Program Area:	Transportation			
Managing Dept:	Engineering			
Manager:	S. Chung			
Plan Conformanc	e:		0/4/0040	
MOB 6.1.2		Est. Start:	3/1/2013	Virgima Department of Motor Vehicles
		Est. Complete:	6/30/2023	

Ac Donald's (1

Description:

Widen Route 28/Nokesville Road to 6 lanes and install a dual left turn lane from northbound Route 28 onto Godwin Drive. The project will also install streetlights on Route 28 from the 234 Bypass to the southern City limits and a shared use path along the north side of Route 28.

Status: Construction

Cost Estimate: (\$ in 1,000s	Prior) Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	1,865	-	-	-	-	-	-	1,865
Land	832	-	-	-	-	-	-	832
Construction	18,837	-	-	-	-	-	-	18,837
Total Cost	21,534	-	-	-	-	-	-	21,534
Funding Sources: (\$ in 1,0 General Fund	00s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	350	-	-	-	-	-	-	350
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	358	-	-	-	-	-	-	358
State	3,726	-	-	-	-	-	-	3,726
Federal	13,783	-	-	-	-	-	-	13,783
NVTA	23	-	-	-	-	-	-	23
Other Sources	3,294	-	-	-	-	-	-	3,294
Total Funding	21,534	-	-	-	-	-	-	21,534
Operating Impacts: (\$ in 1, Revenue	.000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

T-046 Liberia Avenue

Year Introduced:	2006			100				
Change:	Increased Est	Increased Estimate						
Associated Proj:	T-064	Г-064						
Program Area:	Transportation	Transportation						
Managing Dept:	Engineering	Engineering						
Manager:	J. Keenan			*				
Plan Conformanc	e:		7/4/0005					
MOB 6.1.2		Est. Start:	7/1/2025					
		Est. Complete:	12/31/2029	1000				



Description:

Analyze Liberia Avenue from Wellington Road to Centreville Road to identify cost effective solutions for safety improvements and congestion relief. 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. An FY26-FY27 NVTA 70% regional funding application was submitted to fund this project.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	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: (\$ in 1,000s 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: (\$ in 1,000 Revenue)s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

T-052 Stonewall Park Trail Extension

Year Introduced:	2007			and some the
Change:	No change			
Associated Proj:	C-048			Contraction of the second
Program Area:	Transportation			Debision seal Post Cal 2 UNC-PUMU
Managing Dept:	Engineering			
Manager:	S. Chung			SAN NAME
Plan Conformanc	e:		7/4/0004	anama 197
MOB 6.2.5		Est. Start:	7/1/2024	And the state of the second second
PCR 9.5.1	I	Est. Complete:	7/1/2027	S. LARSON B

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	420	-	-	-	420
Land	-	-	-	20	-	-	-	20
Construction	-	-	-	185	875	500	-	1,560
Total Cost	-	-	-	625	875	500	-	2,000
Funding Sources: (\$ in 1,000s General Fund) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	125	55	100	-	280
Federal	-	-	-	500	225	400	-	1,125
NVTA	-	-	-	-	595	-	-	595
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	-	625	875	500	-	2,000
Operating Impacts: (\$ in 1,000)s)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

T-059 Godwin Drive Bike Trail

Year Introduced:	2011					SWICH	
Change:	Timeline			1× × ×	M. / C	BAS	i,
Associated Proj:	C-037						
Program Area:	Transportation			¥. 1	12 30		Ł
Managing Dept:	Engineering			and the second	1 Mart	a tot	
Manager:	S. Chung			1	- Jaco	OFFICE FESTERCH MARK	3
Plan Conformanc	e:		7/4/0047			1	ġ
MOB 6.3.5		Est. Start:	7/1/2017	AT A	CED IN		
PCR 9.5.1	I	Est. Complete:	12/31/2022	SON 33	- Aller	10 33	2

Description:

Add a shared use path along Godwin Drive from Wellington Road to Hastings Drive connecting at its termini to the shared use path on Wellington Road and Winter's Branch trail. A state revenue sharing application was approved in FY19 to fund this project.

Status: Construction

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	177	-	-	-	-	-	-	177
Land	75	-	-	-	-	-	-	75
Construction	1,451	-	-	-	-	-	-	1,451
Total Cost	1,703	-	-	-	-	-	-	1,703
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	753	-	-	-	-	-	-	753
Federal	-	-	-	-	-	-	-	-
NVTA	900	-	-	-	-	-	-	900
Other Sources	50	-	-	-	-	-	-	50
Total Funding	1,703	-	-	-	-	-	-	1,703
Operating Impacts: (\$ in 1,0 Revenue	000s)	_		_	_	_	_	_
Staffing (Costs) Savings	-		-	-	-			-
Facility (Costs) Savings	_	_	-	-	-	_	-	-
Program (Costs) Savings	-	-	-	-	-	_	-	-
Debt Service		-	-	-	-	-	-	-
Net Revenue	-		-	-	-	-		-
	-	-	-	-	-	-	-	-

T-070 Commercial Corridor Streetscapes

			COMMERCIAL STREETSCAPE
Year Introduced:	2019		
Change:	Increased Estimate		AT A DECISION OF A DECISIONO OF A DECISION OF A DECISIONO
Associated Proj:	T-086		And the second second
Program Area:	Transportation		
Managing Dept:	Engineering		
Manager:	J. Keenan		
Plan Conformanc			Optional Sent Head
ED 5.3.1	Est. Start:	7/1/2018	Alexand Taxa Wells
	Est. Complete:	12/31/2023	Aven Ertaur Sen or

Description:

Commercial Corridor Streetscape Enhancements. Plan, design, and construct streetscape enhancements within the Route 28, Mathis Avenue (T-086), and Sudley Road commercial corridors as well as within the Historic Downtown. Remaining funding will be used for the pedestrian improvements at the intersection of Liberia Avenue and Centreville Road.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	597	-	-	-	-	-	-	597
Land	-	-	-	-	-	-	-	-
Construction	-	70	-	-	-	-	-	70
Total Cost	597	70	-	-	-	-	-	667
Funding Sources: (\$ in 1,00 General Fund	0s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	597	70	-	-	-	-	-	667
Other Sources	-	-	-	-	-	-	-	-
Total Funding	597	70	-	-	-	-	-	667
Operating Impacts: (\$ in 1,0 Revenue)00s) -	-	-	-	-	-	-	-
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		T AND
Managing Dept:	Public Works		
Manager:	S. Horan		
Plan Conformanc			
MOB 6.3.3	Est. Start:	7/1/2022	a stat
	Est. Complete:	6/30/2023	

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning		50	-	-	-	-	-	50
Land	-	-	-	-	-	-	-	-
Construction	-	819	-	-	-	-	-	819
Total Cost	-	869	-	-	-	-	-	869
Funding Sources: (\$ in 1,000s General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	174	-	-	-	-	-	174
Federal	-	695	-	-	-	-	-	695
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	869	-	-	-	-	-	869
Operating Impacts: (\$ in 1,000 Revenue	Os) -	-	-	-	-	-	_	_
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-		-		-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

T-083 Gateway Boulevard Sidewalk/Trail

Year Introduced:	2018								
Change:	Timeline								
Associated Proj:	T-081	T-081							
Program Area:	Transportation								
Managing Dept:	Engineering		1						
Manager:	N. Roberson-Ramos		-						
Plan Conformanc		7/4/0047	THE						
MOB 6.3.5	Est. Start:	7/1/2017	3						
PCR 9.5.1	Est. Complete:	11/30/2022							



Description:

Install a new 10 foot shared use path and upgrade portions of the existing sidewalk with a 10 foot asphalt shared use path along Gateway Boulevard (north side) from Wakeman Court to Gateway Commercial development. Upgrade portions of the existing sidewalk along Gateway Boulevard (south side).

Status: Construction

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	60	-	-	-	-	-	-	60
Land	40	-	-	-	-	-	-	40
Construction	658	-	-	-	-	-	-	658
Total Cost	758	-	-	-	-	-	-	758
Funding Sources: (\$ in 1,00 General Fund	0s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	758	-	-	-	-	-	-	758
Total Funding	758	-	-	-	-	-	-	758
Operating Impacts: (\$ in 1,0 Revenue	000s) -	-	-	-	_	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

T-084 Longstreet Water Line & Sidewalk

Year Introduced:	2023			
Change:	New Project			
Associated Proj:	W-050			
Program Area:	Transportation			A State A so
Managing Dept:	Utilities			
Manager:	M. Nicholson			and the second sec
Plan Conformanc	e:	Fat Starts	7/4/2022	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MOB 6.3.5		Est. Start:	7/1/2022	
	E	Est. Complete:	3/24/2024	

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.

Status: Design

Estimated Construction Start: Spring 2023

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	3,750	-	-	-	-	-	3,750
Total Cost	-	3,750	-	-	-	-	-	3,750
Funding Sources: (\$ in 1,000s) General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	•	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	1,750	-	-	-	-	-	1,750
Other Sources	-	2,000	-	-	-	-	-	2,000
Total Funding	-	3,750	-	-	-	-	-	3,750
Operating Impacts: (\$ in 1,000s Revenue	S) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	•	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

T-085 Roundabout Sudley/Centreville

Year Introduced:	2019		
Change:	No change		1
Associated Proj:	N/A		-
Program Area:	Transportation		1
Managing Dept:	Engineering		
Manager:	N. Roberson-Ramos		
Plan Conformanc		40/4/0047	1
ED 5.3.1	Est. Start:	12/1/2017	8
MOB 6.1.2	Est. Complete:	12/31/2024	1



Description:

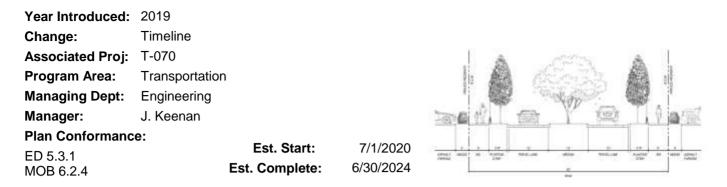
MOB 6.2.4

Following a traffic collision, temporary traffic controls have been installed at the intersection. In compliance with the Mathis Sector Plan, the City evaluated a two-lane roundabout intersection at this location. Funding is currently available to complete up to 60% design. Federal funds are being sought to fully fund this project.

Status: Design

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	575	-	-	-	-	-	-	575
Land	350	-	-	-	-	-	-	350
Construction	2,900	-	-	-	-	-	-	2,900
Total Cost	3,825	-	-	-	-	-	-	3,825
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	3,400	-	-	-	-	-	-	3,400
NVTA	425	-	-	-	-	-	-	425
Other Sources	-	-	-	-	-	-	-	-
Total Funding	3,825	-	-	-	-	-	-	3,825
Operating Impacts: (\$ in 1, Revenue	000s)	_	_	_	_	_	_	_
Staffing (Costs) Savings					-			-
Facility (Costs) Savings		_	-		-	-	-	-
Program (Costs) Savings	-						-	-
		-	-	-	-	-		
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

T-086 Mathis Avenue



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. Federal funds are being sought to fully fund the project and the required local match is shown in FY23.

Status: Design

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	430	-	-	-	-	-	-	430
Land	-	-	-	-	-	-	-	-
Construction	5,597	1,200	-	-	-	-	-	6,797
Total Cost	6,027	1,200	-	-	-	-	-	7,227
Funding Sources: (\$ in 1,00 General Fund	0s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	5,550	-	-	-	-	-	-	5,550
NVTA	477	1,200	-	-	-	-	-	1,677
Other Sources	-	-	-	-	-	-	-	-
Total Funding	6,027	1,200	-	-	-	-	-	7,227
Operating Impacts: (\$ in 1,0 Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

T-087 Quarry Streetscape

Year Introduced:	2020	
Change:	Timeline	
Associated Proj:	T-058	
Program Area:	Transportation	
Managing Dept:	Engineering	
Manager:	N. Roberson-Ramos	
Plan Conformanc		_ / / / = = / =
MOB 6.3.5	Est. Start:	7/1/2015
	Est. Complete:	12/30/2022



Description:

Construct sidewalk, curb, and gutter and underground utilities on the south side of Quarry Street from the Messenger Place development to Main Street. Replace existing sidewalk on the north side of Quarry Street and existing pavement.

Status: Construction

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	1,000	-	-	-	-	-	-	1,000
Total Cost	1,000	-	-	-	-	-	-	1,000
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	400	-	-	-	-	-	-	400
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	188	-	-	-	-	-	-	188
Federal	-	-	-	-	-	-	-	-
NVTA	404	-	-	-	-	-	-	404
Other Sources	8	-	-	-	-	-	-	8
Total Funding	1,000	-	-	-	-	-	-	1,000
Operating Impacts: (\$ in 1,	000s)							
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:	No change			
Associated Proj:	N/A			Sec. 1
Program Area:	Transportation			83 10
Managing Dept:	Engineering			
Manager:	J. Keenan			
Plan Conformanc	e:		44/45/0040	1
MOB 6.3.5		Est. Start:	11/15/2019	Sec.
PCR 9.5.1		Est. Complete:	6/30/2024	



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.

Status: Design

Estimated Construction Start: Summer 2023

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	32	-	-	-	-	-	-	32
Land	-	-	-	-	-	-	-	-
Construction	966	-	-	-	-	-	-	966
Total Cost	998	-	-	-	-	-	-	998
Funding Sources: (\$ in 1,00 General Fund	0s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	675	-	-	-	-	-	-	675
NVTA	292	-	-	-	-	-	-	292
Other Sources	31	-	-	-	-	-	-	31
Total Funding	998	-	-	-	-	-	-	998
Operating Impacts: (\$ in 1,0 Revenue	00s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
– Net Revenue	-	-	-	-	-	-	-	-

T-091 Wakeman Tract Pond Trail

Year Introduced:	2023			and a second of	
Change:	New Project			A Martin	
Associated Proj:	T-083			1 - PS	
Program Area:	Transportation			1 Alexander	A. I
Managing Dept:	Econ Dev			1 have	
Manager:	P. Small			#1	1
Plan Conformanc	e:		7/4/0000	11	
MOB 6.3.5		Est. Start:	7/1/2023	10	
PCR 9.5.1	E	Est. Complete:	6/30/2024	VI-	

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	2,300	-	-	-	-	2,300
Total Cost	-	-	2,300	-	-	-	-	2,300
Funding Sources: (\$ in 1,000 General Fund)s) -	-	-	-	-	-	-	-
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: (\$ in 1,00	00s)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

The City identifies Capital Projects as projects with a cost greater than \$100,000 <u>and</u> 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 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Sidewalk & Bicycle Infill	3,232	360	250	250	250	250	-	4,592	1,360
Traffic Signal Coordinati	530	200	200	700	200	200	-	2,030	1,500
Wayfinding	224	-	-	-	-	-	-	224	-
Project Development	250	250	250	250	250	250	-	1,500	1,250
Culvert Maintenance	-	100	100	100	100	100	-	500	500
Total Cost	4,236	910	800	1,300	800	800	-	8,846	4,610
Funding Sources									
General Fund	67	100	100	100	100	100	-	567	500
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-	-
State	1,182	-	-	100	-	-	-	1,282	100
Federal	-	-	-	400	-	-	-	400	400
NVTA	2,802	700	700	700	700	700	-	6,302	3,500
Other Sources	185	110	-	-	-	-	-	295	110
Total Funding	4,236	910	800	1,300	800	800	-	8,846	4,610

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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

Sewer capital improvement efforts include completion of the Micron pond liner and aeration.



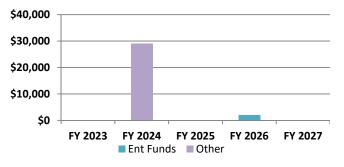
Micron Pond

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 2023 - FY 2027)

The FY 2023 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 2023.



FY 2023 CAPITAL PROJECTS

Upper Flat Branch Interceptor (S-016)

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



Upper Flat Branch Interceptor Project

<u>Airport Infrastructure Improvements (S-026)</u> Planning and funding to rehabilitate and replace existing sewer main facilities at the Airport.

FY 2023 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 Beauregard Avenue, Madison Avenue, and Nelson Lane.

NEW CAPITAL PROJECTS

• Sewer Capacity Expansion (S-024)

(Dollars in Thousands)

SUMMARY OF SEWER CAPITAL PROJECTS

Cost Estimates:	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	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:									
Revenue	-	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Saving	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-	-

SEWER CAPITAL PROJECT LISTING

Project Name	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Upper Flat Branch Interc	2,765	-	-	-	2,000	-	-	4,765	2,000
Sewer Capacity Expansi	900	-	29,100	-	-	-	-	30,000	29,100
Airport Infrastructure Imp	3,800	-	-	-	-	-	-	3,800	-
Total	7,465	-	29,100	-	2,000	-	-	38,565	31,100

S-016 Upper Flat Branch Interceptor Replacement

Vaan katua duraa da	2000			A XALAXA CANA
Year Introduced:	2009			
Change:	No change			
Associated Proj:	N/A			Salar Salar Salar Salar
Program Area:	Sewer			
Managing Dept:	Utilities			ALCOHTON AND
Manager:	T. Dawood			THE REAL PROPERTY AND A
Plan Conformanc	e:		7/4/0040	H S HT VI E
CFI 7.4.5		Est. Start:	7/1/2010	
0		Est. Complete:	6/30/2026	MSLEEP ST

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	342	-	-	-	-	-	-	342
Land	-	-	-	-	-	-	-	-
Construction	2,423	-	-	-	2,000	-	-	4,423
Total Cost	2,765	-	-	-	2,000	-	-	4,765
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
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: (\$ in 1,	000s)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

S-024 Sewer Capacity Expansion

Year Introduced:	2023			
Change:	New Project			
Associated Proj:	N/A			ATC.
Program Area:	Sewer			o land
Managing Dept:	Utilities			and the second
Manager:	T. Dawood			
Plan Conformanc	e:		74/2222	1 Not Read
TDB		Est. Start:	7/1/2022	1. 11 1. 1.
		Est. Complete:	12/31/2024	WITH WE ARE THE



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.

Cost Estimate: (\$ in 1,000s) Planning	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026		Future	Total Project 900
Land	- 900	-	-	-	-	-	-	900
Construction			29,100		-			29,100
Total Cost	900		29,100	-	-	-	-	30,000
- Funding Sources: (^{\$ in 1,00} General Fund	0s) -	_	-	-	-	-	-	
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: (\$ in 1,0 Revenue)00s) -	-	-	-	-	-	-	-
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			
Managing Dept:	Utilities			
Manager:	M. Nicholson			
Plan Conformanc	e:		7/4/0000	and the second se
CFI 7.4.3		Est. Start:	7/1/2022	the second
		Est. Complete:	7/1/2024	and the second design of the

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	50	-	-	-	-	-	-	50
Land	-	-	-	-	-	-	-	-
Construction	3,750	-	-	-	-	-	-	3,750
Total Cost	3,800	-	-	-	-	-	-	3,800
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
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: (\$ in 1, Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	

SEWER MAINTENANCE CAPITAL PROJECT LISTING

The City identifies Capital Projects as projects with a cost greater than \$100,000 <u>and</u> 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 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Sewer Main Replaceme	103	450	450	450	450	450	-	2,353	2,250
Total Cost	103	450	450	450	450	450	-	2,353	2,250
Funding Sources General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	103	450	450	450	450	450	-	2,353	2,250
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-	-
Total Funding	103	450	450	450	450	450	-	2,353	2,250

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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.



Dean Drive Storage Tank

PRIOR YEAR ACCOMPLISHMENTS

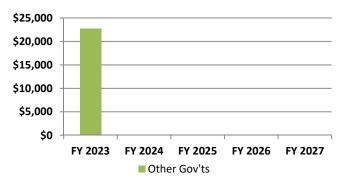
The Water Program continues to invest in ongoing projects to maintain and upgrade the City's reservoir, Water Treatment Facility, and transmission/distribution system. These projects include:

- Upgrading existing 24" water transmission main to 36" (W-042). Phase V of the project, replacing 5,600 feet along Route 28 was completed.
- Completed construction of the new 2.5-million gallon storage tank on Dean Drive (W-071).
- Rehabbed the filter system and replaced the media and flocculators 1 and 2 at the water treatment plant.

THE FIVE-YEAR PLAN (FY 2023 - FY 2027)

The FY 2023 Five-Year Capital Improvement Program (CIP) includes \$22,700,000 in Federal Aid.

FY 2023 funding consists of \$22,700,000 in Federal Aid.



(Dollars in Thousands)

FY 2023 CAPITAL PROJECTS

<u>24" Transmission Main Replacement (W-042)</u> 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), surge tank expansion (W-072) and screw press decant (W-076).



FY 2023 MAINTENANCE CAPITAL PROJECTS

Main Replacement/Looping (W-050)

Replace undersized and aging/failing water mains and loop existing dead-ends on Peabody Street (Stonewall Road to Hazel Drive), Hazel Drive (Peabody Street to Peabody Street), Park Street, and Park Avenue.

NEW CAPITAL PROJECTS

There are no new projects in the Water Program.

SUMMARY OF WATER CAPITAL PROJECTS

Cost Estimates:	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Planning	2,275	-	-	-	-	-	-	2,275	-
Land	-	-	-	-	-	-	-	-	-
Construction	30,406	22,700	-	-	-	-	-	53,106	22,700
Total Cost	32,681	22,700	-	-	-	-	-	55,381	22,700
Funding Sources:									
General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	12,980	-	-	-	-	-	-	12,980	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	19,701	-	-	-	-	-	-	19,701	-
State	-	-	-	-	-	-	-	-	-
Federal	-	22,700	-	-	-	-	-	22,700	22,700
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-	-
Total Funding	32,681	22,700	-	-	-	-	-	55,381	22,700
Operating Impacts:									
Revenue	-	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Saving	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-	-

WATER CAPITAL PROJECT LISTING

Project Name	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
24" Transmission Main R	16,710	16,000	-	-	-	-	-	32,710	16,000
Finished Water Capacity	7,600	-	-	-	-	-	-	7,600	-
Clear-Well Addition and	5,071	-	-	-	-	-	-	5,071	-
Nokesville Road Water	1,300	-	-	-	-	-	-	1,300	-
Surge Tank Expansion	2,000	-	-	-	-	-	-	2,000	-
Screw Press Decant	-	6,700	-	-	-	-	-	6,700	6,700
Total	32,681	22,700	-	-	-	-	-	55,381	22,700

W-042 24" Transmission Main Replacement

Year Introduced: Change:	2007 Funding Sour	се		Active or Completed Construction
Associated Proj:	T-042			WTP
Program Area:	Water			
Managing Dept:	Utilities			
Manager:	T. Dawood			
Plan Conformanc	e:		7/4/0040	Vint Hill Notestille
CFI 7.4.3 CFI 7.4.11		Est. Start: Est. Complete:	7/1/2012 6/30/2025	Road

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 Country roadway improvements. ARPA funding to complete the project is shown in FY23.

Cost Estimate: (\$ in 1,000s	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	, 1,225	-	-	-	-	-	-	1,225
Land	-	-	-	-	-	-	-	-
Construction	15,485	16,000	-	-	-	-	-	31,485
Total Cost	16,710	16,000	-	-	-	-	-	32,710
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	8,130	-	-	-	-	-	-	8,130
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	8,580	-	-	-	-	-	-	8,580
State	-	-	-	-	-	-	-	-
Federal	-	16,000	-	-	-	-	-	16,000
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	16,710	16,000	-	-	-	-	-	32,710
Operating Impacts: (\$ in 1, Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-		-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	•	-	-	•	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

W-047 Finished Water Capacity Increases

Year Introduced:	2009	
Change:	Increased Estimate	
Associated Proj:	W-065	
Program Area:	Water	
Managing Dept:	Utilities	
Manager:	T. Dawood	
Plan Conformanc		7/4/0040
CFI 7.4.1 CFI 7.4.3	Est. Start: Est. Complete:	7/1/2013 6/30/2023
0117.4.0		



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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	750	-	-	-	-	-	-	750
Land	-	-	-	-	-	-	-	-
Construction	6,850	-	-	-	-	-	-	6,850
Total Cost	7,600	-	-	-	-	-	-	7,600
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
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: (\$ in 1,0 Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-		-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

W-065 Clear-Well Addition and Roof Renovation

Year Introduced:	2011		Scheroscer 1/2
Change:	Increased Estimate		
Associated Proj:	W-047		States And States
Program Area:	Water		and the second second
Managing Dept:	Utilities		
Manager:	T. Dawood		A A A A A A A A A A A A A A A A A A A
Plan Conformanc			A WAY AND A WAY AN
CFI 7.4.3	Est. Sta		
-	Est. Compl	lete: 6/30/2023	

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.

· Mar

I TRALLASE UP

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	200	-	-	-	-	-	-	200
Land	-	-	-	-	-	-	-	-
Construction	4,871	-	-	-	-	-	-	4,871
Total Cost	5,071	-	-	-	-	-	-	5,071
Funding Sources: (\$ in 1,00 General Fund)0s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	3,550	-	-	-	-	-	-	3,550
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	1,521	-	-	-	-	-	-	1,521
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	5,071	-	-	-	-	-	-	5,071
Operating Impacts: (\$ in 1,0 Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings		-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	

W-066 Nokesville Road Water Main Upgrade

Year Introduced:	2012		
Change:	Increased Estimate		
Associated Proj:	N/A		
Program Area:	Water		
Managing Dept:	Utilities		
Manager:	T. Dawood		
Plan Conformanc		7/4/2022	the state of the s
CFI 7.4.3	Est. Start:	7/1/2022	BORT
	Est. Complete:	6/30/2024	

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	100	-	-	-	-	-	-	100
Land	-	-	-	-	-	-	-	-
Construction	1,200	-	-	-	-	-	-	1,200
Total Cost	1,300	-	-	-	-	-	-	1,300
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
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: (\$ in 1, Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

W-072 Surge Tank Expansion

Year Introduced:	2021		
Change:	Increased Estimate		the second second
Associated Proj:	W-047		And the second the literation
Program Area:	Water		
Managing Dept:	Utilities		and the second second second second
Manager:	M. Nicholson		
Plan Conformanc	e:	4/4/0004	
CFI 7.4.3	Est. Start:	1/1/2021	
	Est. Complete:	7/1/2023	A STATE OF A

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.

The second second

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	2,000	-	-	-	-	-	-	2,000
Total Cost	2,000	-	-	-	-	-	-	2,000
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
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: (\$ in 1, Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

W-076 Screw Press Decant

Year Introduced:	2021		
Change:	Increased Estimate		
Associated Proj:	W-047		
Program Area:	Water		1
Managing Dept:	Utilities		A . · · ·
Manager:	M. Nicholson		and 1 States St 2 - 5 - 5 - 5
Plan Conformanc	e:	4/4/0004	
CFI 7.4.3	Est. Start:	1/1/2021	
	Est. Complete:	6/30/2023	

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	6,700	-	-	-	-	-	6,700
Total Cost	-	6,700	-	-	-	-	-	6,700
Funding Sources: (\$ in 1,000s 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: (\$ in 1,000 Revenue)s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-		-	-	-	-	-	
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-		-	-	-		-	-
Net Revenue	-	-	-	-	-	-	-	-

WATER MAINTENANCE CAPITAL PROJECT LISTING

The City identifies Capital Projects as 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 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Main Replacement / Loo	4,144	-	400	400	400	400	-	5,744	1,600
Water Plant Improvemen	1,717	-	400	200	200	200	-	2,717	1,000
Conventional Filter Reha	488	-	-	-	-	300	300	1,088	300
Total Cost	6,349	-	800	600	600	900	300	9,549	2,900

Funding Sources

General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	5,861	-	800	600	600	900	300	9,061	2,900
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	488	-	-	-	-	-	-	488	-
State	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-	-
Total Funding	6,349	-	800	600	600	900	300	9,549	2,900

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

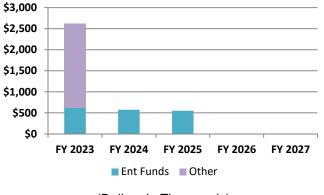
The Electric Program is investing every year in ongoing projects to maintain and upgrade the electrical distribution infrastructure Transmission & Distribution Maintenance (E-030), and Substation Capacity/Reliability Improvements (E-037). The ongoing project placing Overhead Lines Underground (E-033) completed work on Jefferson Street, School Street, Lincoln Ave, and Old Wellington 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 2023 - FY 2027)

The FY 2023 Five-Year Capital Improvement Program (CIP) includes a \$1,750,000 transfer from the Electric Fund and \$2,000,000 in Other Sources.

FY 2023 funding consists of a \$625,000 transfer from the Electric Fund and \$2,000,000 in Other Sources.



(Dollars in Thousands)

FY 2023 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 2023 MAINTENANCE CAPITAL PROJECTS

<u>Transmission & Distribution Maintenance (E-030)</u> Replace cables and terminations on Trinity Lane and Corey Drive.



<u>Place Overhead Lines Underground (E-033)</u> Relocation of utility services underground along Sudley Road (southside).

Substation Capacity/Reliability Improvements (E-037)

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

Circuit Automation (E-038)

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

NEW CAPITAL PROJECTS

• Lockheed Substation Relocation/Upgrade (E-042)

SUMMARY OF ELECTRIC CAPITAL PROJECTS

Cost Estimates:	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Planning	3,325	250	-	-	-	-	-	3,575	250
Land	-	-	-	-	-	-	-	-	-
Construction	43,330	2,375	575	550	-	-	-	46,830	3,500
Total Cost	46,655	2,625	575	550	-	-	-	50,405	3,750
Funding Sources:									
General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	1,955	625	575	550	-	-	-	3,705	1,750
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	44,700	2,000	-	-	-	-	-	46,700	2,000
Total Funding	46,655	2,625	575	550	-	-	-	50,405	3,750
Operating Impacts:									
Revenue	-	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Saving	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-	-

ELECTRIC CAPITAL PROJECT LISTING

Project Name	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
New Fiber Optic Loop/Ri	505	-	-	-	-	-	-	505	-
LED Streetlight Replace	575	125	125	100	-	-	-	925	350
Manassas Airport Distrib	875	450	450	-	-	-	-	1,775	900
Distribution Facility Relo	-	50	-	450	-	-	-	500	500
AWS/BCG Substation	41,700	2,000	-	-	-	-	-	43,700	2,000
Lockheed Substation Re	3,000	-	-	-	-	-	-	3,000	-
Total	46,655	2,625	575	550	-	-	-	50,405	3,750

E-032 New Fiber Optic Loop/Ring

Year Introduced:	2015		
Change:	Timeline		
Associated Proj:	E-039		
Program Area:	Electric		
Managing Dept:	Utilities		
Manager:	T. Dawood		
Plan Conformanc	e:		
CFI 7.4.8		Est. Start:	7/1/2016
0111110		Est. Complete:	6/30/2025

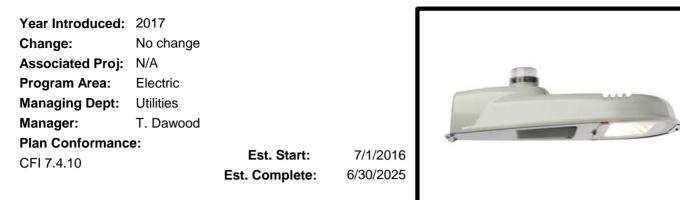


Description:

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	505	-	-	-	-	-	-	505
Total Cost	505	-	-	-	-	-	-	505
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
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: (^{\$ in 1,} Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	•	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

E-034 LED Streetlight Replacement



Description:

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

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	50	-	-	-	-	-	-	50
Land	-	-	-	-	-	-	-	-
Construction	525	125	125	100	-	-	-	875
Total Cost	575	125	125	100	-	-	-	925
Funding Sources: (\$ in 1,00 General Fund	0s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	575	125	125	100	-	-	-	925
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	575	125	125	100	-	-	-	925
Operating Impacts: (\$ in 1,0 Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

E-035 Manassas Airport Distribution Improvements

Year Introduced:	2020			and the second se
Change:	No change			*
Associated Proj:	N/A			
Program Area:	Electric			F F
Managing Dept:	Utilities			
Manager:	T. Dawood			
Plan Conformanc	e:		7/4/0040	
CFI 7.4.8		Est. Start:	7/1/2019	
		Est. Complete:	6/30/2024	

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	75	-	-	-	-	-	-	75
Land	-	-	-	-	-	-	-	-
Construction	800	450	450	-	-	-	-	1,700
Total Cost	875	450	450	-	-	-	-	1,775
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	875	450	450	-	-	-	-	1,775
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	875	450	450	-	-	-	-	1,775
Operating Impacts: (\$ in 1, Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (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			OSBOURN
Program Area:	Electric			LAAA STATE GH
Managing Dept:	Utilities			
Manager:	T. Dawood			
Plan Conformanc	e:		7/4/0000	
CFI 7.4.8		Est. Start:	7/1/2022	
		Est. Complete:	6/30/2025	

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	50	-	-	-	-	-	50
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	450	-	-	-	450
Total Cost	-	50	-	450	-	-	-	500
Funding Sources: (\$ in 1,000 General Fund	s) -	-	-	-	-	-	-	-
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: (\$ in 1,00 Revenue)0s) -	-	_		-	_	_	_
Staffing (Costs) Savings	_	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service							-	-
Net Revenue	-	-	-	-	-	-		-
	-	-	-	-	-	-	-	-

E-040 AWS/BCG Substation

Year Introduced:	2022							
Change:	Increased Estimate							
Associated Proj:	N/A							
Program Area:	Electric							
Managing Dept:	Utilities							
Manager:	T. Dawood							
Plan Conformanc								
CFI 7.4.8	Est. Start: 7/1/2	2021						
	Est. Complete: 6/30/2	2023						



Description:

This is a project to build a new, dedicated, dual-feed electric substation for the sole purpose of serving an industrialgrade 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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	2,900	200	-	-	-	-	-	3,100
Land	-	-	-	-	-	-	-	-
Construction	38,800	1,800	-	-	-	-	-	40,600
Total Cost	41,700	2,000	-	-	-	-	-	43,700
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	41,700	2,000	-	-	-	-	-	43,700
Total Funding	41,700	2,000	-	-	-	-	-	43,700
Operating Impacts: (\$ in 1, Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-		-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

E-042 Lockheed Substation Relocation/Upgrade

Year Introduced:	2023				1/
Change:	New Project				M.
Associated Proj:	N/A			//	11
Program Area:	Electric			A. A.	1
Managing Dept:	Utilities				
Manager:	T. Dawood				UCTR SERE
Plan Conformanc	e:		7/4/0000	THE REPORT OF A DESCRIPTION OF A DESCRIP	
CFI 7.4.8		Est. Start: Est. Complete:	7/1/2022 6/30/2023	1996年1月1日日	it. See

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.

Cost Estimate: (\$ in 1,000s)		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	300	-	-	-	-	-	-	300
Land	-	-	-	-	-	-	-	-
Construction	2,700	-	-	-	-	-	-	2,700
Total Cost	3,000	-	-	-	-	-	-	3,000
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
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: (\$ in 1, Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-		-		-	-
Net Revenue	-	-	-	-	-	-	-	-

The City identifies Capital Projects as 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 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Electric T&D Maintenanc	5,347	800	800	800	800	800	-	9,347	4,000
Alternative Generation In	2,350	300	300	300	300	300	-	3,850	1,500
Place Overhead Lines U	2,725	500	500	500	500	500	-	5,225	2,500
Substation Capacity and	925	375	350	350	350	350	-	2,700	1,775
Distribution Switching Ca	260	-	110	-	110	-	-	480	220
Total Cost	11,607	1,975	2,060	1,950	2,060	1,950	-	21,602	9,995
Funding Sources									
General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	11,463	1,975	2,060	1,950	2,060	1,950	-	21,458	9,995
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	144	-	-	-	-	-	-	144	-
State	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-	-
Total Funding	11,607	1,975	2,060	1,950	2,060	1,950	-	21,602	9,995

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



Lucasville Regional 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:

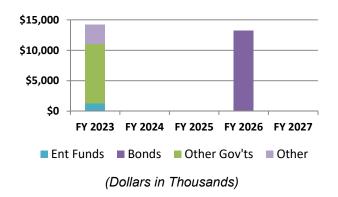
- 1) Stormwater facility repairs to Cannon Industrial and Sumner Lake Stormwater Management Facilities (SWMF);
- 2) Retrofit design completed for Lucasville, Round Elementary, and Sills Warehouse/Euclid Industrial Park SWMFs;
- 3) Liberia Stream Restoration Design
- 4) Winters Branch Regional SWMF Repair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

THE FIVE-YEAR PLAN (FY 2023 - FY 2027)

The FY 2023 Five-Year Capital Improvement Program includes:

- \$1,240,000 Transfer from Stormwater Fund
- \$13.250.000 Bonds
- \$9,821,000 State and Federal Aid
- \$3,190,000 Other Sources

FY 2023 funding consists of a \$1,240,000 transfer from the Stormwater Fund; \$9,821,000 in State and Federal Aid: and \$3,190,000 in Other Sources.



FY 2023 CAPITAL PROJECTS

Major projects expected to begin construction:

- Euclid/Sills Warehouse SWMF Retrofit (D-009)
- Lucasville Regional SWMF Retrofit (D-039)

Major projects expected to complete design:

- Round Elementary SWMF Retrofit and Stream Restoration (D-036)
- Liberia Stream Restoration (D-027)

FY 2023 MAINTENANCE CAPITAL PROJECTS

Maintenance capital projects in the Stormwater Program include recurring maintenance of stormwater management facilities (D-029) and 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

- Sumner Lake Stream Restoration (D-028)
- SWMF Annual/Deferred Maintenance (D-029)
- Public Facilities Improvements (D-034)
- Cannon Branch/Flat Branch Stream Restoration (D-040)
- Oakenshaw Regional Pond Retrofit (D-042)
- New Britain Regional Pond Retrofit (D-043)

SUMMARY OF STORMWATER CAPITAL PROJECTS

Cost Estimates:	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Planning	771	1,375	-	-	850	-	-	2,996	2,225
Land	-	-	-	-	-	-	-	-	-
Construction	2,646	12,876	-	-	12,400	-	750	28,672	25,276
Total Cost	3,417	14,251	-	-	13,250	-	750	31,668	27,501
Funding Sources:									
General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	288	1,240	-	-	-	-	750	2,278	1,240
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	3,040	-	-	-	13,250	-	-	16,290	13,250
State	-	774	-	-	-	-	-	774	774
Federal	-	9,047	-	-	-	-	-	9,047	9,047
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	89	3,190	-	-	-	-	-	3,279	3,190
Total Funding	3,417	14,251	-	-	13,250	-	750	31,668	27,501
.									
Operating Impacts:									
	-	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Saving	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	(729)	(13,846)	(14,575)	(729)
Net Revenue	-	-	-	-	-	(729)	(13,846)	(14,575)	(729)

Project Name	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Euclid/Sills Warehouse	699	-	-	-	-	-	-	699	-
Liberia Stream Restorati	2,470	-	-	-	-	-	-	2,470	-
Sumner Lake Stream Re	-	-	-	-	4,900	-	-	4,900	4,900
Public Facilities Stormwa	-	-	-	-	-	-	750	750	-
Round Elementary Pond	14	5,300	-	-	-	-	-	5,314	5,300
Cannon Branch/Winters	88	4,347	-	-	-	-	-	4,435	4,347
Lucasville Regional Pon	146	1,804	-	-	-	-	-	1,950	1,804
Cannon Branch/Flat Bra	-	-	-	-	6,400	-	-	6,400	6,400
Oakenshaw Regional Po	-	-	-	-	1,950	-	-	1,950	1,950
New Britain Regional Po	-	2,800	-	-	-	-	-	2,800	2,800
Total	3,417	14,251	-	-	13,250	-	750	31,668	27,501

D-009 Euclid/Sills Warehouse Pond Retrofit

Year Introduced:	2000			In a second second
Change:	Timeline			and the formation of the set
Associated Proj:	N/A			
Program Area:	Stormwater			
Managing Dept:	Engineering			And the second second
Manager:	L. Kilby			
Plan Conformanc	e:		7/4/0004	
CFI 7.4.7		Est. Start:	7/1/2021	
		Est. Complete:	6/30/2024	

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 as required by VADEQ and USEPA.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	125	-	-	-	-	-	-	125
Land	-	-	-	-	-	-	-	-
Construction	574	-	-	-	-	-	-	574
Total Cost	699	-	-	-	-	-	-	699
Funding Sources: (\$ in 1,000 General Fund	ls) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	186	-	-	-	-	-	-	186
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	424	-	-	-	-	-	-	424
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	89	-	-	-	-	-	-	89
Total Funding	699	-	-	-	-	-	-	699
Operating Impacts: (\$ in 1,00 Revenue)0s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-			-		-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-
			118					

D-027 Liberia Stream Restoration

Year Introduced:	2016		
Change:	Timeline		
Associated Proj:	T-052		
Program Area:	Stormwater		
Managing Dept:	Engineering		
Manager:	L. Kilby		
Plan Conformanc	e:		
CFI 7.4.7		Est. Start:	7/1/2021
		Est. Complete:	6/30/2024



Description:

Repair the eroded stream banks along Flat Branch Creek through the Liberia property. Stabilize and protect the stream from further erosion. This project will result in Total Maximum Daily Load (TMDL) program credit.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	500	-	-	-	-	-	-	500
Land	-	-	-	-	-	-	-	-
Construction	1,970	-	-	-	-	-	-	1,970
Total Cost	2,470	-	-	-	-	-	-	2,470
Funding Sources: (^{\$ in 1,00} General Fund	00s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	2,470	-	-	-	-	-	-	2,470
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	2,470	-	-	-	-	-	-	2,470
Operating Impacts: (\$ in 1,0	000s)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-			-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

D-028 Sumner Lake Stream Restoration

Year Introduced:	2023			
Change:	New Project			14
Associated Proj:	N/A			-1
Program Area:	Stormwater			F.
Managing Dept:	Engineering			
Manager:	L. Kilby			1
Plan Conformanc	e:		74/0005	1. 2
CFI 7.4.7		Est. Start:	7/1/2025	5
		Est. Complete:	6/30/2028	1



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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	600	-	-	600
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	4,300	-	-	4,300
Total Cost	-	-	-	-	4,900	-	-	4,900
Funding Sources: (\$ in 1,000s) 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: (\$ in 1,000s Revenue	5) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-		-	-		-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	(270)	(5,120)	(5,390)
Net Revenue	-	-	-	-	-	(270)	(5,120)	(5,390)

D-034 Public Facilities Stormwater Management Improvements

Year Introduced:	2023	
Change:	New Project	
Associated Proj:	N/A	
Program Area:	Stormwater	
Managing Dept:	Engineering	
Manager:	L. Kilby	
Plan Conformanc	e:	
CFI 7.4.7		Est. Start:
		Est. Complete:



Description:

Comprehensive retrofit to address a number of outstanding pollution prevention issues related to all public properties within the MS4 service area and the City's individual VPDES permit for discharge of industrial stormwater at the Public Works and Utilities Facility (DEQ permit #VAR050995).

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	750	750
Total Cost	-	-	-	-	-	-	750	750
Funding Sources: (\$ in 1,000s) General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	750	750
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	-	-	-	-	750	750
Operating Impacts: (\$ in 1,000s Revenue	5) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

Round Elementary Pond Retrofit & Stream Restoration D-036

Year Introduced:	2022			Safey Brinh
Change:	Expanded Sco	ре		Later Barrier
Associated Proj:	N/A			
Program Area:	Stormwater			rootsy 1
Managing Dept:	Engineering			t Sole Names
Manager:	L. Kilby			Charles Safety Ferce
Plan Conformanc	e:			Cotton Resters
CFI 7.4.7		Est. Start:	7/1/2021	Access Road (12 Wee) Gate
		Est. Complete:	6/30/2025	Purp Wort Well Processor P

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 2,500 LF of upstream bank improvements. This will assist the City in meeting the Total Maximum Daily Load (TMDL) program nutrient reductions as required by VADEQ and USEPA.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	275	-	-	-	-	-	275
Land	-	-	-	-	-	-	-	-
Construction	14	5,025	-	-	-	-	-	5,039
Total Cost	14	5,300	-	-	-	-	-	5,314
Funding Sources: (\$ in 1,000s) General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	14	-	-	-	-	-	-	14
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	5,300	-	-	-	-	-	5,300
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	14	5,300	-	-	-	-	-	5,314
Operating Impacts: (\$ in 1,000	s)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-
			122					

D-037 Cannon Branch/Winters Branch Stream Restoration

Year Introduced:	2022					
Change:	Expanded Scope			Sander Aller	Chine is	
Associated Proj:	N/A					A PANA
Program Area:	Stormwater			in the B		Carlon E St
Managing Dept:	Engineering					
Manager:	L. Kilby			The second second		
Plan Conformanc				how the second		The strength
CFI 7.4.7		Est. Start:	7/1/2021		THE CONTRACT	
	Est.	. Complete:	6/30/2025		R	the state of the s

Description:

Repair the eroded stream banks of the Winters Branch tributary using ARPA funding from Grant Avenue to Wellington Road and restore elements of the Winters Branch SWM facility. Stabilize and protect the stream bank from further erosion. This project will result in Total Maximum Daily Load (TMDL) program credit.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	600	-	-	-	-	-	600
Land	-	-	-	-	-	-	-	-
Construction	88	3,747	-	-	-	-	-	3,835
Total Cost	88	4,347	-	-	-	-	-	4,435
Funding Sources: (\$ in 1,000s) General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	88	-	-	-	-	-	-	88
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	3,747	-	-	-	-	-	3,747
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	600	-	-	-	-	-	600
Total Funding	88	4,347	-	-	-	-	-	4,435
Operating Impacts: (\$ in 1,000; Revenue	s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-		-	-	-	-	
Net Revenue	-	-	-	-	-	-	-	-

D-039 Lucasville Regional Pond Retrofit

Year Introduced:	2022	
Change:	Timeline	
Associated Proj:	N/A	
Program Area:	Stormwater	
Managing Dept:	Engineering	
Manager:	L. Kilby	
Plan Conformanc	e:	
CFI 7.4.7		Est. Start:
-		Est. Complete:



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 as required by VADEQ and USEPA. State SLAF funding is included in FY23.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	146	150	-	-	-	-	-	296
Land	-	-	-	-	-	-	-	-
Construction	-	1,654	-	-	-	-	-	1,654
Total Cost	146	1,804	-	-	-	-	-	1,950
Funding Sources: (\$ in 1,000 General Fund)s) -	-	-	-	-	-	-	-
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	146	1,804	-	-	-	-	-	1,950
Operating Impacts: (\$ in 1,00 Revenue	00s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

D-040 Cannon Branch/Flat Branch Stream Restoration

Year Introduced:	2023			ind the		14 × 3 / 3 ×
Change:	New Project				A Tree A	
Associated Proj:	N/A			A Mort	1 States	
Program Area:	Stormwater			in analy	S. A. AM	
Managing Dept:	Engineering				新学校 。古	A NO STA
Manager:	L. Kilby			XXXXX		
Plan Conformanc	e:	Fat Starts	7/1/2025		操杀众任	
CFI 7.4.7		Est. Start:	7/1/2025	2. 2. 50		and the second
		Est. Complete:	6/30/2030			
				A.S.	C	

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	6,400	-	-	6,400
Total Cost	-	-	-	-	6,400	-	-	6,400
Funding Sources: (\$ in 1,000s) 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: (\$ in 1,000s Revenue	6)							
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-		-		-		-	
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	- (352)	- (6,688)	- (7,040)
Net Revenue	-		-		-	(352)	(6,688)	(7,040) (7,040)
	-	-	- 125	-	-	(332)	(0,000)	(1,040)

D-042 Oakenshaw Regional Pond Retrofit

Year Introduced:	2023			
Change:	New Project			
Associated Proj:	N/A			Sec. Anna
Program Area:	Stormwater			Contraction of the same
Managing Dept:	Engineering			2.00
Manager:	L. Kilby			A 14 100 10
Plan Conformanc	e:		7/04/0000	
CFI 7.4.7		Est. Start:	7/21/2022	
-		Est. Complete:	6/30/2028	



Description:

Retrofit of existing City stormwater management facility for TMDL pollution reduction credits. Requirement for MS4 permit compliance by 2028 deadlines. Proposed improvements will be dependent on results of the feasibility study.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	250	-	-	250
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	1,700	-	-	1,700
Total Cost	-	-	-	-	1,950	-	-	1,950
Funding Sources: (\$ in 1,000s) General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	1,950	-	-	1,950
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	-	-	1,950	-	-	1,950
Operating Impacts: (\$ in 1,000s Revenue	- -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-		-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	(107)	(2,038)	(2,145)
Net Revenue	-	-	-	-	-	(107)	(2,038)	(2,145)

D-043 New Britain Regional Pond Retrofit

Year Introduced:	2023				frank to
Change:	New Project				Same Con
Associated Proj:	N/A			The state of the second	A Standard
Program Area:	Stormwater			Real Property and the Party of	and week
Managing Dept:	Engineering			14 1 L	
Manager:	L. Kilby				S 10 10 1
Plan Conformanc	e:		7/4/0000		Charles and the second
CFI 7.4.7		Est. Start:	7/1/2022	这些大的ADDI的是中心。	
		Est. Complete:	6/30/2024		ALL AND T

Description:

Retrofit existing City stormwater management facility for TMDL pollution reduction credits. Requirement for MS4 permit compliance by 2028 deadlines. Proposed improvements will be dependent on results of the feasibility study.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	350	-	-	-	-	-	350
Land	-	-	-	-	-	-	-	-
Construction	-	2,450	-	-	-	-	-	2,450
Total Cost	-	2,800	-	-	-	-	-	2,800
Funding Sources: (\$ in 1,000s) General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	1,240	-	-	-	-	-	1,240
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	1,560	-	-	-	-	-	1,560
Total Funding	-	2,800	-	-	-	-	-	2,800
Operating Impacts: (\$ in 1,000; Revenue	s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-
			127					

The City identifies Capital Projects as 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 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Drainage Maintenance &	643	500	500	500	500	500	-	3,143	2,500
Floodplain Mapping Upd	320	125	125	125	125	125	-	945	625
SWMF Annual/Deferred	105	900	375	375	-	-	-	1,755	1,650
Upstream Inspections &	500	550	500	500	500	500	-	3,050	2,550
Total Cost	1,568	2,075	1,500	1,500	1,125	1,125	-	8,893	7,325
Funding Sources									
General Fund	500	500	500	500	500	500	-	3,000	2,500
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	1,068	1,525	1,000	1,000	625	625	-	5,843	4,775
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-	-
Federal	-	50	-	-	-	-	-	50	50
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-	-
Total Funding	1,568	2,075	1,500	1,500	1,125	1,125	-	8,893	7,325

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

<u>Taxiway A Rehabilitation with Lighting System</u> <u>Upgrades (A-069)</u> Completed design of the Taxiway A rehabilitation.

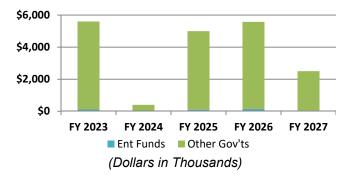
<u>Terminal Building Roof Replacement (A-077)</u> Completed the replacement of the terminal roof.

THE FIVE-YEAR PLAN (FY 2023 - FY 2027)

The FY 2023 Five-Year Capital Improvement Program (CIP) includes

- \$417,000 Transfer from Airport Fund
- \$1,670,000 State Aid
- \$16,988,000 Federal Aid

FY 2023 funding consists of a \$112,000 transfer from the Airport Fund; \$448,000 in State Aid; and \$5,040,000 in Federal Aid.



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 2023 CAPITAL PROJECTS

<u>Taxiway A Rehabilitation with Lighting System</u> <u>Upgrades (A-069)</u>

Rehabilitate Taxiway A located on the west side of the airport including the rehabilitation of the pavement, restriping, and the installation of LED taxiway lights.

<u>Taxiway B Rehabilitation & Widening Rehabilitation</u> with Lighting System Upgrades (A-074)

Rehabilitate Taxiway B including the rehabilitation of the pavement, widening the taxiway to 50-feet to accommodate larger jets, restriping, and the installation of LED taxiway lights.



FY 2023 CAPITAL MAINTENANCE PROJECTS

Maintenance capital projects in the Airport Program include updating the Airport Master Plan (A-059) as well as ongoing improvements to Airport Paving (A-084), Airfield Improvements (A-082), and ongoing improvements to security equipment and terminal (A-104 & A-105).

NEW CAPITAL PROJECTS

• Design Construct Taxilane X-Ray (A-103)

SUMMARY OF AIRPORT CAPITAL PROJECTS

Cost Estimates:	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Planning	2,728	600	400	-	875	-	1,300	5,903	1,875
Land	-	-	-	-	-	-	10,300	10,300	-
Construction	2,550	5,000	-	5,000	4,700	2,500	19,050	38,800	17,200
Total Cost	5,278	5,600	400	5,000	5,575	2,500	30,650	55,003	19,075
Funding Sources:									
General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	1,964	112	8	100	147	50	1,094	3,475	417
School Fund	-	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	8,600	8,600	-
State	256	448	32	400	590	200	2,941	4,867	1,670
Federal	3,058	5,040	360	4,500	4,838	2,250	18,015	38,061	16,988
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-	-
Total Funding	5,278	5,600	400	5,000	5,575	2,500	30,650	55,003	19,075
Operating Impacts:									
Revenue	-	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Saving	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	(9,460)	(9,460)	-
Net Revenue	-	-	-	-	-	-	(9,460)	(9,460)	-

Project Name	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Air Traffic Control Tower	-	-	-	-	-	-	8,600	8,600	-
Realignment of Wakema	-	-	-	-	-	-	3,850	3,850	-
Land Acquisition Southw	-	-	-	-	-	-	3,000	3,000	-
Fuel Farm Upgrade	-	-	-	-	-	-	550	550	-
Taxiway A Rehabilitation	2,800	-	-	-	-	-	-	2,800	-
North East Apron Expan	-	-	-	-	-	-	2,200	2,200	-
Rehab/Widen Taxiway B	578	5,000	-	-	-	-	-	5,578	5,000
Terminal Parking Lot Ex	-	-	-	-	-	-	1,100	1,100	-
Installation of Backup Ge	-	-	-	-	-	-	550	550	-
West Corporate Develop	1,900	-	-	-	-	-	-	1,900	-
Rehabilitation of Runway	-	600	-	5,000	-	-	-	5,600	5,600
East Apron Rehabilitatio	-	-	400	-	3,000	2,500	-	5,900	5,900
Runway 16L/34R Extens	-	-	-	-	275	-	3,500	3,775	275
South East Airport Comp	-	-	-	-	400	-	7,300	7,700	400
South West Hangar Red	-	-	-	-	200	-	-	200	200
Design Construct Taxila	-	-	-	-	1,700	-	-	1,700	1,700
Total	5,278	5,600	400	5,000	5,575	2,500	30,650	55,003	19,075

A-030 Air Traffic Control Tower

Year Introduced:	2003	
Change:	No change	
Associated Proj:	N/A	
Program Area:	Airport	
Managing Dept:	Airport	
Manager:	J. Rivera	
Plan Conformanc	e:	
MOB 6.1.4	Est. Start:	
Airport Master Plar	Est. Complete:	
Airport Strategic Pl		



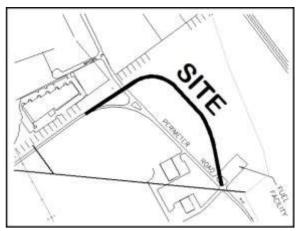
Description:

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)

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	600	600
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	8,000	8,000
Total Cost	-	-	-	-	-	-	8,600	8,600
Funding Sources: (\$ in 1,000s) General Fund	_	_	-	-	-	-	-	
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	8,600	8,600
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	-	-	-	-	8,600	8,600
Operating Impacts: (\$ in 1,000s Revenue	6)							
Staffing (Costs) Savings	-	-						-
Facility (Costs) Savings	-	-						
Program (Costs) Savings	-	-	-	-	-	-	-	_
Debt Service	-	-				-	(9,460)	(9,460)
Net Revenue		_	-		-	-	(9,460)	(9,460) (9,460)
	_	_	- 132	-	-	-	(3,700)	(3,700)

A-033 Realignment of Wakeman Drive & Observation Road

Year Introduced:	2003	
Change:	No change	
Associated Proj:	N/A	
Program Area:	Airport	
Managing Dept:	Airport	
Manager:	J. Rivera	
Plan Conformanc	e:	
MOB 6.1.4	Est. Start:	
Airport Master Plar	Est. Complete:	
Airport Strategic Pl		



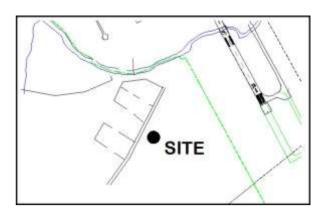
Description:

Design and relocate Wakeman Drive and parts of Observation Road to capture more usable airside land. The road has been deeded to the City as surplus property, so the project will be coordinated with the City's transportation program. With the increase in the amount of usable airside land, the airport could build hangars, ramps, etc. (Project III-10 of Airport Layout Plan)

Planning - - - 350 350 Land - - - 3,500 3,500 Construction - - - 3,500 3,500 Total Cost - - - 3,850 3,850 Funding Sources: (\$ in 1,000s) - - - - - General Fund - - - - - - Sewer Fund - - - - - - - Vater Fund - - - - - - - - Stormwater Fund - - - - - - - - Stormwater Fund -	Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Construction - - - 3,500 3,500 Total Cost - - - 3,850 3,850 Funding Sources: (\$ in 1,000s) General Fund - - - 3,850 3,850 General Fund - - - - - - - - - - Sewer Fund - <th< td=""><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>350</td><td>350</td></th<>		-	-	-	-	-	-	350	350
Total Cost - - - 3,850 3,850 Funding Sources: (\$ in 1,000s) General Fund -	Land	-	-	-	-	-	-	-	-
Funding Sources: (\$ in 1,000s) General Fund -	Construction	-	-	-	-	-	-	3,500	3,500
General Fund - <t< td=""><td>Total Cost</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>3,850</td><td>3,850</td></t<>	Total Cost	-	-	-	-	-	-	3,850	3,850
Sewer Fund -		_	-	-	-	-	-	-	
Electric Fund - <		-	-	-	-	-	-	-	-
Stormwater Fund -	Water Fund	-	-	-	-	-	-	-	-
Airport Fund - - - 77 77 School Fund - - - - - - Bonds - - - - - - - Bonds - - - - - - - - Bonds -	Electric Fund	-	-	-	-	-	-	-	-
School Fund - <td< td=""><td>Stormwater Fund</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></td<>	Stormwater Fund	-	-	-	-	-	-	-	-
Bonds - <td>Airport Fund</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>77</td> <td>77</td>	Airport Fund	-	-	-	-	-	-	77	77
State - - - - 308 308 Federal - - - - 3,465 3,465 NVTA - - - - - - - Other Sources - - - - - - - - Total Funding - - - - - - - - - - Operating Impacts: (\$ in 1,000s) - <td>School Fund</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>	School Fund	-	-	-	-	-	-	-	-
Federal - - - - 3,465 3,465 NVTA - - - - - - - - Other Sources - - - - - - - - - Total Funding - - - - - - - - - - Total Funding - <td< td=""><td>Bonds</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></td<>	Bonds	-	-	-	-	-	-	-	-
NVTA -	State	-	-	-	-	-	-	308	308
Other Sources - <	Federal	-	-	-	-	-	-	3,465	3,465
Total Funding - - - - 3,850 3,850 Operating Impacts: (\$ in 1,000s) - - - - - 3,850 Revenue - - - - - - - - - Staffing (Costs) Savings - - - - - - - - Facility (Costs) Savings - - - - - - - - - Program (Costs) Savings - - - - - - - - - Debt Service - - - - - - - - - -	NVTA	-	-	-	-	-	-	-	-
Operating Impacts: (\$ in 1,000s) - <	Other Sources	-	-	-	-	-	-	-	-
Revenue <td>Total Funding</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>3,850</td> <td>3,850</td>	Total Funding	-	-	-	-	-	-	3,850	3,850
Staffing (Costs) Savings - <td></td> <td>s) -</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>		s) -	-	-	-	-	-	-	-
Facility (Costs) Savings<		-	-	-	-	-	-	-	-
Program (Costs) Savings <t< td=""><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></t<>		-	-	-	-	-	-	-	-
Debt Service		-	-	-	-	-	-	-	-
Net Revenue		-	-	-	-	-	-	-	-
	Net Revenue	-	-	•	•	-	-	-	-

A-034 Land Acquisition Southwest Side of Airport

Year Introduced:	2003	
Change:	No change	
Associated Proj:	N/A	
Program Area:	Airport	
Managing Dept:	Airport	
Manager:	J. Rivera	
Plan Conformanc		
MOB 6.1.4 Airport Master Plar Airport Strategic Pl	Est.	Est. Start: Complete:



Description:

Purchase property located on the southwest side of the airport, south of Broad Run. The land would serve as a buffer for the airport. It could allow development of an Airport Business Park and expansion on the southwest side, allowing the airport to expands its infrastructure or to add hangars/ramps, thereby increasing revenue.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	3,000	3,000
Construction	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	3,000	3,000
Funding Sources: (\$ in 1,000s) General Fund) _	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	60	60
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	90	90
Federal	-	-	-	-	-	-	2,850	2,850
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	-	-	-	-	3,000	3,000
Operating Impacts: (\$ in 1,000 Revenue	is) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-		-	-	-
Net Revenue	-	-	-	-	-	-	-	-
			134					

A-045 Fuel Farm Upgrade

Year Introduced:	2004	
Change:	No change	
Associated Proj:	N/A	
Program Area:	Airport	
Managing Dept:	Airport	
Manager:	J. Rivera	
Plan Conformanc	e:	
MOB 6.1.4		Est. Start:
Airport Master Plar	า	Est. Complete:
Airport Strategic Pl	an	



Description:

The fuel farm is approaching 25 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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	50	50
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	500	500
Total Cost	-	-	-	-	-	-	550	550
Funding Sources: (\$ in 1,000s) General Fund) _	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	367	367
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	183	183
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	-	-	-	-	550	550
Operating Impacts: (\$ in 1,000 Revenue	is) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	•	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-
			135					

A-069 Taxiway A Rehabilitation with Lighting System Upgrades

Year Introduced:	2015			
Change:	No change			
Associated Proj:	N/A			
Program Area:	Airport			
Managing Dept:	Airport			
Manager:	J. Rivera			- 1 Brown
Plan Conformanc	e:		0/4/0000	
MOB 6.1.4		Est. Start:	9/1/2020	and a second second second
Airport Master Plar	า	Est. Complete:	10/30/2022	A CALLER AND THE PART THE

Description:

Airport Strategic Plan

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. The estimated cost of the LED lights is \$300,000 and will save the Airport money on energy cost.

ARE DESCRIPTION.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	250	-	-	-	-	-	-	250
Land	-	-	-	-	-	-	-	-
Construction	2,550	-	-	-	-	-	-	2,550
- Total Cost	2,800	-	-	-	-	-	-	2,800
Funding Sources: (\$ in 1,00 General Fund	0s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	56	-	-	-	-	-	-	56
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	224	-	-	-	-	-	-	224
Federal	2,520	-	-	-	-	-	-	2,520
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	2,800	-	-	-	-	-	-	2,800
Operating Impacts: (\$ in 1,0	000s)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

A-072 North East Apron Expansion

Year Introduced:	2016	
Change:	No change	
Associated Proj:	N/A	
Program Area:	Airport	
Managing Dept:	Airport	
Manager:	J. Rivera	
Plan Conformanc	e:	
MOB 6.1.4		Est. Start:
Airport Master Plan		Est. Complete:
Airport Strategic Pl	an	



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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	200	200
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	2,000	2,000
Total Cost	-	-	-	-	-	-	2,200	2,200
Funding Sources: (\$ in 1,000s) 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: (\$ in 1,000s Revenue	S) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-		-		-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

Rehab/Widen Taxiway B with Lighting System Upgrades A-074

Year Introduced:	2017		
Change:	Increased Estimate		
Associated Proj:	N/A		
Program Area:	Airport		
Managing Dept:	Airport		1 - 1 - 1 - 1
Manager:	J. Rivera		- the second second
Plan Conformanc		7/4/2024	
MOB 6.1.4 Airport Master Plan Airport Strategic P		7/1/2021 12/31/2023	

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.

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Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	578	-	-	-	-	-	-	578
Land	-	-	-	-	-	-	-	-
Construction	-	5,000	-	-	-	-	-	5,000
Total Cost	578	5,000	-	-	-	-	-	5,578
Funding Sources: (\$ in 1,000 General Fund)s) -	_	-	-	-	_	_	
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-		-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	8	100	-	-	-	-	-	108
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	32	400	-	-	-	-	-	432
Federal	538	4,500	-	-	-	-	-	5,038
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	578	5,000	-	-	-	-	-	5,578
Operating Impacts: (\$ in 1,00	00s)							
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	
Managing Dept:	Airport	
Manager:	J. Rivera	
Plan Conformanc	e:	
MOB 6.1.4		Est. Start:
Airport Master Plan		Est. Complete:
Airport Strategic Pl		



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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	100	100
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	1,000	1,000
Total Cost	-	-	-	-	-	-	1,100	1,100
Funding Sources: (\$ in 1,000s)								
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: (\$ in 1,000s Revenue	s) -	-	-	-	-	-	-	-
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	
Managing Dept:	Airport	
Manager:	J. Rivera	
Plan Conformanc	e:	
MOB 6.1.4 Airport Strategic Pl Airport Master Plar	•	Est. Start: Est. Complete:



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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	550	550
Total Cost	-	-	-	-	-	-	550	550
Funding Sources: (\$ in 1,000s) 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: (\$ in 1,000 Revenue	ls) -	_	-	-	-	-	_	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-		-		-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-		-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

A-087 West Corporate Development Site / Drainage Improvements

Year Introduced: Change:	2020 No change			S.C.	K				
Associated Proj:	-			Handah I was		- Y	-		Y
Associated Proj.	3-020			The survey of th	10	and a			-
Program Area:	Airport				1 11	14	Ser Ser		
Managing Dept:	Airport				er lærne	100.000			
Manager:	J. Rivera					angen d		1 At	
Plan Conformanc	e:		0/4/2040	The state of the s				N NO CONTRACTOR NO.	
MOB 6.1.4		Est. Start:	9/1/2019	FIRE NO.	FARLE (MEA SIC)	100 PAGE (81)	VALUES DATA	OPTICE MALLOW	MARKET OF SCHOOL
Airport Master Plan Airport Strategic Pl		Est. Complete:	8/30/2022	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	125 2.15 2.06 8.47 12.87	81,238 20,538 20,538 20,538 710,442 201,442 201,448	8,308 20,000 20,000 20,000 10,000 144,000	1,000 4,000 4,000 4,000 46,000	50 15 16 500 509

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.

MILLER CONSIGNATE COMPLEX CONSCILLER

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	1,900	-	-	-	-	-	-	1,900
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Total Cost	1,900	-	-	-	-	-	-	1,900
Funding Sources: (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
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: (\$ in 1,0 Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	
-			1/1					

A-091 Rehabilitation of Runway 16L/34R

Year Introduced:	2021			
Change:	No change			
Associated Proj:	N/A			
Program Area:	Airport			
Managing Dept:	Airport			
Manager:	J. Rivera			and the second second
Plan Conformanc	e:		40/4/0000	
MOB 6.1.4		Est. Start:	10/1/2022	A REAL PROPERTY AND A REAL
Airport Strategic P Airport Master Pla		Est. Complete:	11/1/2025	A sure .

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 repaying of 16L/34, restriping of the runway, and the replacement of airfield signs and lights. The estimated cost of the LED lights is \$350,000 and will save the Airport money on energy costs.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	600	-	-	-	-	-	600
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	5,000	-	-	-	5,000
Total Cost	-	600	-	5,000	-	-	-	5,600
Funding Sources: (\$ in 1,000s) General Fund	-	_	_	_	_	_	_	
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund		-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	12	-	100	-	-	-	112
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	48	-	400	-	-	-	448
Federal	-	540	-	4,500	-	-	-	5,040
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	600	-	5,000	-	-	-	5,600
Operating Impacts: (\$ in 1,000s	5)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	- 142	-	-	-	-	-

East Apron Rehabilitation A-093

Year Introduced:	2021			
Change:	Increased Estimate	e		A STATISTICS DATE OF STATISTICS
Associated Proj:	N/A			the barries which it
Program Area:	Airport			
Managing Dept:	Airport			
Manager:	J. Rivera			and the states
Plan Conformanc	e:		40/4/0004	
MOB 6.1.4		Est. Start:	10/1/2024	and the second second
Airport Master Plan Airport Strategic P	•	. Complete:	10/1/2027	

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	400	-	-	-	-	400
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	3,000	2,500	-	5,500
Total Cost	-	-	400	-	3,000	2,500	-	5,900
Funding Sources: (\$ in 1,000s) 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: (\$ in 1,000)s)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-
			143					

A-094 Runway 16L/34R Extension

Year Introduced:	2021			and the second second
Change:	Moved From F	uture		
Associated Proj:	N/A			
Program Area:	Airport			FIREFER
Managing Dept:	Airport			
Manager:	J. Rivera			ACTING METHOD
Plan Conformanc	e:		74/0005	
MOB 6.1.4		Est. Start:	7/1/2025	
Airport Master Plar	า	Est. Complete:	10/1/2028	
Airport Strategic Pl				

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	275	-	-	275
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	3,500	3,500
Total Cost	-	-	-	-	275	-	3,500	3,775
Funding Sources: (\$ in 1,000s)								
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: (\$ in 1,000 Revenue	s)							
	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

A-097 South East Airport Complex Site Development

Year Introduced:	2022			1 Carrier M
Change:	No change			11 2 2 2 - 5
Associated Proj:	N/A			E F F
Program Area:	Airport			
Managing Dept:	Airport			
Manager:	J. Rivera			
Plan Conformanc	e:		7/4/0005	
MOB 6.1.4		Est. Start:	7/1/2025	1 A A A A
Airport Master Plai	า	Est. Complete:	6/30/2029	HA HA HA
Airport Strategic P				***

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 35 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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	400	-	-	400
Land	-	-	-	-	-	-	7,300	7,300
Construction	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	400	-	7,300	7,700
Funding Sources: (\$ in 1,000s)								
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: (\$ in 1,000s Revenue	3)							
	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-			-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

A-098 South West Hangar Redevelopment

Year Introduced: Change:	No change			
Associated Proj:	N/A			
Program Area:	Airport			1 Canada
Managing Dept:	Airport			
Manager:	J. Rivera			
Plan Conformanc	e:			
MOB 6.1.4		Est. Start:	7/1/2025	General and the
Airport Master Plar Airport Strategic Pl		Est. Complete:	6/30/2026	



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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	200	-	-	200
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	200	-	-	200
Funding Sources: (\$ in 1,000s)								
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: (\$ in 1,000s Revenue	5) -	_	_	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

A-103 Design Construct Taxilane X-Ray

Year Introduced:	2023			-		1
Change:	New Project			-	AL	
Associated Proj:	N/A					10.20
Program Area:	Airport				i Come Co	
Managing Dept:	Airport			•		
Manager:	J. Rivera				+	
Plan Conformanc	e:		74/0005		12 12 1	
MOB 6.1.4		Est. Start:	7/1/2025	-		-
Airport Master Plai	า	Est. Complete:	10/30/2026	1.10		-
Airport Strategic P					Martin States	and the s

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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	1,700	-	-	1,700
Total Cost	-	-	-	-	1,700	-	-	1,700
Funding Sources: (\$ in 1,000s) General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	34	-	-	34
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	136	-	-	136
Federal	-	-	-	-	1,530	-	-	1,530
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	-	-	1,700	-	-	1,700
Operating Impacts: (\$ in 1,000 Revenue	s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-
			147					

The City identifies Capital Projects as 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 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Air Traffic Control Tower	141	-	-	-	-	-	-	141	-
Airfield Fencing	-	-	-	45	125	-	-	170	170
Airfield Improvements	65	80	-	100	-	-	-	245	180
Airfield Marking	80	-	70	-	-	-	-	150	70
Airfield Paving Program	435	135	210	-	-	-	-	780	345
Airport Alternative Energ	-	-	-	-	-	-	35	35	-
Airport Paving Program (395	-	-	202	-	-	-	597	202
Airside Tree Removal	-	-	30	-	-	-	-	30	30
Environmental Assessm	-	-	250	-	-	-	-	250	250
Master Plan Study	864	-	-	-	-	-	-	864	-
Security Equipment Repl	-	45	25	15	-	-	-	85	85
Terminal Building Improv	-	35	55	-	-	-	-	90	90
Total Cost	1,980	295	640	362	125	-	35	3,437	1,422
-									
Funding Sources General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	391	99	109	84	45	-	7	735	337
School Fund	-	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-	-
State	797	196	306	278	80	-	28	1,685	860
Federal	792	-	225	-	-	-	-	1,017	225
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-	-
Total Funding	1,980	295	640	362	125	-	35	3,437	1,422

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 (Osbourn). 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. Osbourn High School is grades 9-12.

School	Opened	Capacity	Enrollment
Dean	1959	727	647
Weems	1977	713	631
Haydon	1979	667	649
Round	1986	669	545
Baldwin	2016	706	661
Mayfield Intermediate	2006	1,104	802
Baldwin Intermediate	2016	336	274
Metz Middle	1990	1,543	1,115
Osbourn High	1950	2,428	2,268

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

Continued district wide technology improvements, school bus replacements, and school bus additions.

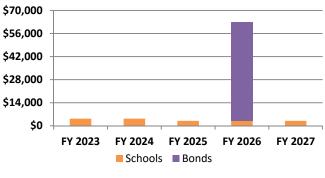


Baldwin Elementary & Intermediate School

THE FIVE-YEAR PLAN (FY 2023 - FY 2027)

The FY 2023 Five-Year Capital Improvement Program (CIP) includes \$17,600,000 in School Funds and \$59,997,000 in Bonds.

FY 2023 funding consists of a \$4,300,000 transfer from School Funds.



(Dollars in thousands)

FY 2023 CAPITAL PROJECTS

Division Wide

- Classroom Trailers (0101)
- Technology Upgrades (0102)
- School Bus Replacements (0103)
- School Bus Additions (0105)

Central Office

Replacement (0201)

Osbourn

• Turf Field Installation (0420)

<u>Mayfield</u>

Drop Off Area/Parking Lot Paving (0604)

Weems

• Window/Door Replacement (1104)

NEW PROJECTS

- Osbourn Fire Alarm System Replacement (0418)
- Osbourn Window/Door Replacement (0419)
- Osbourn Turf Field Installation (0420)
- Osbourn Concession Stand Replacement (0421)
- Metz Window/Door Replacement (0513)
- Metz Fire Alarm System Replacement (0514)
- Mayfield Drop Off Area/Parking Lot Paving (0604)
- Haydon Window/Door Replacement (0905)
- Round Window/Door Replacement (1007)
- Round Parking Lot Replacement (1008)
- Weems Window/Door Replacement (1104)

SUMMARY OF SCHOOL CAPITAL & MAINTENANCE PROJECTS

(\$ in Thousands)

Cost Estimates:	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
Planning	-	-	-	-	-	-	-	-	
Land	-	-	-	-	-	-	-	-	-
Construction	-	4,300	4,300	3,000	62,997	3,000	3,000	80,597	77,597
Total Cost	-	4,300	4,300	3,000	62,997	3,000	3,000	80,597	77,597
Funding Sources:									
General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	4,300	4,300	3,000	3,000	3,000	3,000	20,600	17,600
Bonds	-	-	-	-	59,997	-	-	59,997	59,997
State	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-	-
Total Funding	-	4,300	4,300	3,000	62,997	3,000	3,000	80,597	77,597
Operating Impacts:									
Revenue	-	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Saving	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	(3,300)	(62,697)	(65,997)	(3,300)
Net Revenue	-	-	-	-	-	(3,300)	(62,697)	(65,997)	(3,300)

SCHOOL CAPITAL & MAINTENANCE CAPITAL PROJECT LISTING

Project Name	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project	5-Year CIP
District Wide - Classroo	-	250	200	200	-	-	250	900	650
District Wide - Technolo	-	200	200	200	200	200	200	1,200	1,000
District Wide - School Bu	-	500	500	500	500	500	500	3,000	2,500
District Wide - School Bu	-	125	125	125	125	125	125	750	625
Central Office - Replace	-	1,594	-	-	-	-	-	1,594	1,594
Osbourn - Roof Replace	-	-	1,000	1,000	-	1,000	1,375	4,375	3,000
Osbourn - Fire Alarm Sy	-	-	-	975	-	-	-	975	975
Osbourn - Window/Door	-	-	-	-	-	275	275	550	275
Osbourn - Turf Field Inst	-	1,300	1,300	-	-	-	-	2,600	2,600
Osbourn - Concession S	-	-	-	-	-	400	-	400	400
Metz - Restroom Refurbi	-	-	-	-	-	500	-	500	500
Metz - Window/Door Re	-	-	-	-	-	-	275	275	-
Metz - Fire Alarm Syste	-	-	575	-	-	-	-	575	575
Mayfield - Drop Off Area	-	200	-	-	-	-	-	200	200
Haydon - Window/Door	-	-	100	-	-	-	-	100	100
Round - Window/Door R	-	-	100	-	-	-	-	100	100
Round - Parking Lot Rep	-	-	200	-	-	-	-	200	200
Weems - Window/Door	-	131	-	-	-	-	-	131	131
New Dean - Building Re	-	-	-	-	62,172	-	-	62,172	62,172
Total	-	4,300	4,300	3,000	62,997	3,000	3,000	80,597	77,597

0101 District Wide - Classroom Trailers

Year Introduced:2020Change:No changeAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:



Est. Start: Est. Complete:

Description:

Cost Estimate: (^{\$ in 1,000s}) Planning	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Land	-	-	-	-	-	-	-	-
Construction	-	- 250	- 200	- 200	-	-	- 250	900
Total Cost		250	200	200			230 250	900 900
	-	250	200	200	-	-	250	900
Funding Sources: (\$ in 1,000s General Fund) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	250	200	200	-	-	250	900
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	250	200	200	-	-	250	900
Operating Impacts: (\$ in 1,000 Revenue)s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	•		•		-	-
Net Revenue	-	-	-	-	-	-	-	-

0102 District Wide - Technology Upgrades

Est. Start:

Est. Complete:

Year Introduced:2013Change:No changeAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:CFI 7.2



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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	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: (\$ in 1,000s 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: (\$ in 1,000 Revenue)s) -	_	-	_		_	_	
Staffing (Costs) Savings	-	_	_	_	_	_	_	_
	-	-	-	-	-		-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-		-		-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

0103 District Wide - School Bus Replacements

Year Introduced:2013Change:No changeAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:CFI 7.2

Est. Start: Est. Complete:



Description:

Five-year replacement cycle of existing school buses as recommended by the Transportation Director.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	500	500	500	500	500	500	3,000
Total Cost	-	500	500	500	500	500	500	3,000
Funding Sources: (\$ in 1,000s General Fund) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	500	500	500	500	500	500	3,000
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	500	500	500	500	500	500	3,000
Operating Impacts: (\$ in 1,000 Revenue)s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-		-	-	-
Net Revenue	-	-	-	-	-	-	-	-

0105 District Wide - School Bus Additions

Year Introduced:2017Change:No changeAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:CFI 7.2

Est. Start: Est. Complete:



Description:

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

Cost Estimate: (\$ in 1,000s) Planning	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Land	-	-	-	-	-	-	-	-
Construction	-	125	125	125	125	125	125	750
Total Cost	-	125	125	125	125	125	125	750
		125	125	125	125	125	125	730
Funding Sources: (\$ in 1,000s 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: (\$ in 1,000 Revenue)s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

0201 Central Office - Replacement

Year Introduced:	2011			
Change:	No change			
Associated Proj:	N/A			
Program Area:	Schools			~~ (~)
Managing Dept:	Schools			MANASSAS CITY
Manager:	Schools			
Plan Conformanc	e:			PUBLIC SCHOOLS
CFI 7.1.1		Est. Start:	7/1/2021	Where Learning Powers the Future
0111111		Est. Complete:	6/30/2023	

Description:

A new facility for the school division central administration offices. The division is currently leasing office space at 8700 Centreville Road; the lease expires in 2023.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	1,594	-	-	-	-	-	1,594
Total Cost	-	1,594	-	-	-	-	-	1,594
Funding Sources: (\$ in 1,000s) General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	1,594	-	-	-	-	-	1,594
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	1,594	-	-	-	-	-	1,594
Operating Impacts: (\$ in 1,000 Revenue	s)							
	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

0417 Osbourn - Roof Replacement

Year Introduced:2022Change:No changeAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:

Est. Start: Est. Complete:



Description:

Replace roof at Osbourn High School.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	1,000	1,000	-	1,000	1,375	4,375
Total Cost	-	-	1,000	1,000	-	1,000	1,375	4,375
Funding Sources: (\$ in 1,000 General Fund	s) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	1,000	1,000	-	1,000	1,375	4,375
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	1,000	1,000	-	1,000	1,375	4,375
Operating Impacts: (\$ in 1,00 Revenue	00s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

0418 Osbourn - Fire Alarm System Replacement

Year Introduced:2023Change:New ProjectAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:

Est. Start: Est. Complete: 7/1/2024 6/30/2025



Description:

Replace the fire alarm system at Osbourn High School.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	975	-	-	-	975
Total Cost	-	-	-	975	-	-	-	975
Funding Sources: (\$ in 1,000 General Fund	es) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	975	-	-	-	975
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	-	975	-	-	-	975
Operating Impacts: (\$ in 1,00 Revenue	00s) -	-	-	_	_	_	_	
Staffing (Costs) Savings	-	-	-	-	-	-	-	_
Facility (Costs) Savings	-			-	-			
Program (Costs) Savings	-	-	-	-	-	-	-	-
								-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

0419 Osbourn - Window/Door Replacement

Year Introduced:2023Change:New ProjectAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:

Est. Start: Est. Complete:



Description:

Replace windows and doors at Osbourn High School.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-		-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	275	275	550
Total Cost	-	-	-	-	-	275	275	550
Funding Sources: (\$ in 1,000s General Fund	5) -	-	-	-	-	-	-	-
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: (\$ in 1,00 Revenue	0s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

0420 Osbourn - Turf Field Installation

Year Introduced:2023Change:New ProjectAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:

Est. Start: Est. Complete: 7/1/2022 6/30/2024



Description:

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

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	1,300	1,300	-	-	-	-	2,600
Total Cost	-	1,300	1,300	-	-	-	-	2,600
Funding Sources: (\$ in 1,000s General Fund) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	1,300	1,300	-	-	-	-	2,600
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	1,300	1,300	-	-	-	-	2,600
Operating Impacts: (\$ in 1,000 Revenue)s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

0421 Osbourn - Concession Stand Refurbishment/Replacement

Year Introduced:2023Change:New ProjectAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:

Est. Start: Est. Complete: 7/1/2026 6/30/2027



Description:

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

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	400	-	400
Total Cost	-	-	-	-	-	400	-	400
Funding Sources: (\$ in 1,000s 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: (\$ in 1,000 Revenue	Ds) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

0512 Metz - Restroom Refurbishments

Year Introduced:2022Change:No changeAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:

Est. Start: Est. Complete: 7/1/2026 6/30/2027



Description:

Refurbish restrooms at Metz Middle School.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	500	-	500
Total Cost	-	-	-	-	-	500	-	500
Funding Sources: (\$ in 1,000s 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: (\$ in 1,000 Revenue)s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

0513 Metz - Window/Door Replacement

Year Introduced:2023Change:New ProjectAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:

Est. Start: Est. Complete:



Description:

Replace windows and doors at Metz Middle School.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	275	275
Total Cost	-	-	-	-	-	-	275	275
Funding Sources: (\$ in 1,000s) 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: (\$ in 1,000 Revenue)s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-		-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-		-	-	-
Net Revenue	-	-	-	-	-	-	-	-

0514 Metz - Fire Alarm System Replacement

Year Introduced:2023Change:New ProjectAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:

Est. Start: Est. Complete: 7/1/2023 6/30/2024



Description:

Replace the fire alarm system at Metz Middle School.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	575	-	-	-	-	575
Total Cost	-	-	575	-	-	-	-	575
Funding Sources: (\$ in 1,000 General Fund)s) -	-	-	-	-	-	-	-
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: (\$ in 1,00 Revenue	00s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

0604 Mayfield - Drop Off Area & Parking Lot Paving

Year Introduced:2023Change:New ProjectAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:

Est. Start: Est. Complete: 7/1/2022



Description:

Repave and stripe the drop off area and parking lot at Mayfield Intermediate School.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	200	-	-	-	-	-	200
Total Cost	-	200	-	-	-	-	-	200
Funding Sources: (\$ in 1,000; General Fund	5) -	-	-	-	-	-	-	-
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: (\$ in 1,00 Revenue	0s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service		-			-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

0905 Haydon - Window/Door Replacement

Year Introduced:2023Change:New ProjectAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:

Est. Start: Est. Complete: 7/1/2023 6/30/2024



Description:

Replace the windows at Haydon Elementary

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	100	-	-	-	-	100
Total Cost	-	-	100	-	-	-	-	100
Funding Sources: (\$ in 1,000s General Fund) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	100	-	-	-	-	100
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	100	-	-	-	-	100
Operating Impacts: (\$ in 1,000 Revenue)s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

1007 **Round - Window/Door Replacement**

Year Introduced: 2023 New Project Change: Associated Proj: N/A Program Area: Schools Schools Managing Dept: Manager: Schools **Plan Conformance:**

Est. Start: Est. Complete:

7/1/2023 6/30/2024



Description:

Replace windows and doors at Round Elementary School.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	100	-	-	-	-	100
Total Cost	-	-	100	-	-	-	-	100
Funding Sources: (\$ in 1,000s General Fund) _	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	100	-	-	-	-	100
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	100	-	-	-	-	100
Operating Impacts: (\$ in 1,000 Revenue	Ds) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

1008 Round - Parking Lot Replacement

Year Introduced:2023Change:New ProjectAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:CFI 7.1.5

Est. Start: Est. Complete: 7/1/2023 6/30/2024



Description:

Repave and restripe the parking lot at Round Elementary School.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	200	-	-	-	-	200
Total Cost	-	-	200	-	-	-	-	200
Funding Sources: (\$ in 1,000; General Fund	s) -	-	-	-	-	-	-	-
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: (\$ in 1,00 Revenue	0s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings		-	-	-	-		-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

1104 Weems - Window/Door Replacement

Year Introduced:2023Change:New ProjectAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:

Est. Start: Est. Complete: 7/1/2022 6/30/2023



Description:

Replace the windows at Weems Elementary.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	131	-	-	-	-	-	131
Total Cost	-	131	-	-	-	-	-	131
Funding Sources: (\$ in 1,000s General Fund) -	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	131	-	-	-	-	-	131
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	131	-	-	-	-	-	131
Operating Impacts: (\$ in 1,000 Revenue)s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

1301 New Dean - Building Replacement

Est. Start:

Est. Complete:

Year Introduced:2014Change:No changeAssociated Proj:C-017Program Area:SchoolsManaging Dept:SchoolsManager:SchoolsPlan Conformance:CFI 7.2.2



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.

Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
	-	-	-		62,172	-	-	62,172
Total Cost	-	-	-	-	62,172	-	-	62,172
Funding Sources: (\$ in 1,000s) General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	2,175	-	-	2,175
Bonds	-	-	-	-	59,997	-	-	59,997
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	-	-	-	62,172	-	-	62,172
Operating Impacts: (\$ in 1,000 Revenue	s) -	-	-	_	_	_	_	
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-		-	-	-	-	-
Program (Costs) Savings	-	_	-	-	-	_	-	-
Debt Service	-	-	-	-	-	(3,300)	(62,697)	(65,997)
Net Revenue		-	-	-	-		(62,697)	(65,997)
	-	-	-	-	-	(3,300)	(02,097)	(00,997)

MOTION:	WOLFE	May 9, 2022
		Regular Meeting
SECOND:	SEBESKY	Res No. R-2022-44

RE: RESOLUTION APPROVING THE CITY OF MANASSAS FISCAL YEAR 2023 FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

WHEREAS, the City of Manassas Planning Commission reviewed the FY 2023-2027 Five-Year Capital Improvement Program (CIP) on January 19, 2022, and approved the CIP on February 2, 2022; and

WHEREAS, the School Board of the Manassas City Public Schools approved the Manassas City Schools CIP on March 22, 2022, and transmitted to the City Council on March 23, 2022; 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 25, 2022.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Manassas meeting in regular session this 9th day of May, 2022, hereby approves the City of Manassas FY 2023 Five-Year Capital Improvement Program containing capital projects necessary for the betterment of the community.

Michelle Haus Monger

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

ATTEST:

Lee Ann Henderson

City Clerk

<u>Votes:</u> Ayes: Ellis, Osina, Sebesky, Smith, Wolfe Nays: Forkell Greene Absent from Vote: None Absent from Meeting: None



PLANNING COMMISSION RESOLUTION

Re: City of Manassas FY2023-2027 – 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 FY2023-2027 CIP on January 19, 2022.

NOW THEREFORE BE IT RESOLVED, that the Planning Commission does hereby **RECOMMEND APPROVAL** of the FY2023-2027 CIP, as submitted to the City Manager, on this the 2nd day of February 2022.

BE IT FUTHER RESOLVED, that drainage projects, including D-042 and D-043, are consistent with the Comprehensive Plan to meet City stormwater program requirements and provide needed maintenance. The Commission recommends to the City Manager:

- The Engineering Department provide public outreach and communication to the adjacent residential neighborhoods before and during construction;
- Where projects include tree removal, they should include prompt tree replanting and buffering as well as permanent safety fencing between the pond and adjacent residences to the maximum extent feasible; and
- Projects should be coordinated with the City's park (C-031) and trail (T-058) maintenance projects to enhance existing walking trails consistent with Comprehensive Plan Strategy PCR 9.1.7.

BE IT FUTHER RESOLVED, that, pursuant to Section 15.2-2232 of the Code of Virginia, project S-024, Sewer Capacity Expansion shall be reviewed by the Planning Commission upon identification of a physical location for a new facility.

Date Harry J. Clark

Harry J. Clark Chairperson

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 designates 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 toll 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

CITY OF MANASSAS

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