The projects contained in the Five-Year Capital Improvement Program 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 2040 Comprehensive Plan defines the future of Manassas, but its implementation and ultimate success is tied to many other City documents. Manassas has a number of existing plans and studies that guide new development and resource priorities (e.g., capital projects, budget, and staff resources).

As part of the development of the 2040 Comprehensive Plan, the following technical studies have been incorporated into the strategies for each of the Plan's subject areas:

#### Transportation Master Plan

Assesses the Manassas transportation network and identifies multimodal recommendations to improve mobility through 2040.

#### Parks, Recreation, and Cultural Needs Assessment and Facilities Plan

Identifies needs for parks, recreation, and cultural facilities and programs based on citizen survey, community meetings, and benchmarking data.

#### Housing Plan

Includes analysis, observations, and recommendations to plan for and promote quality housing and neighborhoods for Manassas residents.

#### Manassas City Public Schools Facility Plan 2020-2030

Provides student enrollment projections through 2030 and a recommended facility plan to meet the projected need.

These strategies and priorities are used to make decisions regarding the annual operating budgets and capital improvement programming as well as to identify new department-specific initiatives, such as studies or policies.

Each year, the City undertakes an evaluation of the Comprehensive Plan that includes coordination of the Plan with the development of the Capital Improvement Program to ensure that capital projects are in conformance with the Plan as required by Section 15.2-2232 of the Code of Virginia.



Click here to view the full 2040 Comprehensive Plan.

Five-Year Capital Improvement Program - Summary (Dollars in Thousands)

	Total Project Budget	FY 2022 and Prior Years	Five-Year CIP FY 2023-27	FY 2028 and Future Years
Program Area:				
General Government Projects	36,976	12,167	18,470	6,339
Culture & Recreation Projects	33,745	9,260	20,185	4,300
Public Safety Projects	67,199	41,964	410	24,825
Transportation Projects	88,572	60,292	21,492	6,788
Sewer Projects	38,565	7,465	31,100	-
Water Projects	55,381	32,681	22,700	-
Electric Projects	50,405	46,655	3,750	-
Stormwater Projects	31,668	3,417	27,501	750
Airport Projects	55,003	5,278	19,075	30,650
School Projects	80,597	-	77,597	3,000
Total	538,111	219,179	242,280	76,652
Funding Source:				
General Fund	4,015	2,095	1,920	-
Sewer Fund	7,538	4,402	3,136	-
Water Fund	17,599	15,784	1,815	-
Electric Fund	8,372	5,022	3,350	-
Stormwater Fund	2,278	288	1,240	750
Airport Fund	3,475	1,964	417	1,094
School Fund	20,600	-	17,600	3,000
Bonds	204,410	87,099	73,247	44,064
State	16,918	10,430	3,347	3,141
Federal	112,409	32,386	61,208	18,815
NVTA 30%	12,345	6,787	5,115	443
Other Source	128,152	52,922	69,885	5,345
Project Cost Total:	538,111	219,179	242,280	76,652

To view the full FY 2023-2027 Five Year Capital Improvement Program, click here.

Five-Year Capital Improvement Program - Project Listing (Dollars in Thousands)

	Total Project Budget	FY 2022 and Prior Years	Five-Year CIP FY 2023-27	FY 2028 and Future Years
General Government Projects				
City Hall	10,707	10,707	-	-
Public Works & Utilities Facility Improvements	7,799	1,460	-	6,339
City Hall Annex	5,605	-	5,605	-
City Hall / Downtown Parking	10,515	-	10,515	-
Building Automation System	340	-	340	-
Fuel Island Upgrade at Public Works Facility	750	-	750	-
Building Maintenance Shop Facility	1,260	-	1,260	-
Program Total	36,976	12,167	18,470	6,339
Culture & Recreation Projects				
Manassas Museum	6,790	6,590	200	-
Dean Park	9,614	754	8,860	-
Byrd Park	1,800	-	1,800	-
Annaburg Manor	8,466	1,916	2,250	4,300
Cedar Crest Park	500	-	500	-
Stonewall Park	6,575	-	6,575	-
Program Total	33,745	9,260	20,185	4,300
Public Safety Projects				
Public Safety Facility	41,964	41,964	-	-
Animal Shelter Improvements	410	-	410	-
Fire/Rescue Station 1	24,825	-	-	24,825
Program Total	67,199	41,964	410	24,825
Transportation Projects				
Sudley Road Third Lane	8,005	7,400	605	-
Grant Ave (Lee Ave to Wellington Rd)	12,320	12,020	300	-
Dean Drive Extended	4,461	4,430	31	-
Dean Drive (Animal Shelter to Wellington Rd)	8,300	-	6,857	1,443
Route 28 / Nokesville Rd Widening	21,534	21,534	-	-
Liberia Avenue	8,855	-	3,510	5,345
Stonewall Park Trail Extension	2,000	-	2,000	-
Godwin Drive Bike Trail	1,703	1,703	-	-
Commercial Corridor Streetscapes	667	597	70	-
Traffic Signal Span Wire to Mast Arms	869	-	869	-
Gateway Boulevard Sidewalk/Trail	758	758	-	-

Five-Year Capital Improvement Program - Project Listing (Dollars in Thousands)

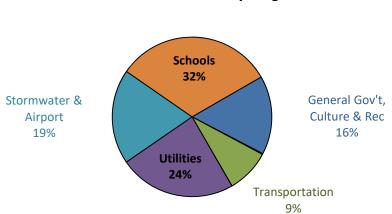
	Total Project Budget	FY 2022 and Prior Years	Five-Year CIP FY 2023-27	FY 2028 and Future Years
Longstreet Water Line & Sidewalk	3,750	-	3,750	-
Roundabout Sudley/Centreville	3,825	3,825	-	-
Mathis Avenue	7,227	6,027	1,200	-
Quarry Streetscape	1,000	1,000	-	-
Wellington Road Shared-Use Path Gap	998	998	-	-
Wakeman Tract Pond Trail	2,300	-	2,300	-
Program Total	88,572	60,292	21,492	6,788
Sewer Projects				
Upper Flat Branch Interceptor Replacement	4,765	2,765	2,000	-
Sewer Capacity Expansion	30,000	900	29,100	-
Airport Infrastructure Improvements	3,800	3,800	-	-
Program Total	38,565	7,465	31,100	<u> </u>
Water Projects				
24" Transmission Main Replacement	32,710	16,710	16,000	-
Finished Water Capacity Increases	7,600	7,600	-	-
Clear-Well Addition and Roof Renovation	5,071	5,071	-	-
Nokesville Road Upgrade	1,300	1,300	-	-
Surge Tank Expansion	2,000	2,000	-	-
Screw Press Decant	6,700	-	6,700	-
Program Total	55,381	32,681	22,700	<u> </u>
Electric Projects				
New Fiber Optic Loop/Ring	505	505	-	-
LED Streetlight Replacement	925	575	350	-
Manassas Airport Distribution Improvements	1,775	875	900	-
Distribution Facility Relocations	500	-	500	-
AWS/BCG Substation	43,700	41,700	2,000	-
Lockheed Substation Relocation/Upgrade	3,000	3,000		
Program Total	50,405	46,655	3,750	-

Five-Year Capital Improvement Program - Project Listing (Dollars in Thousands)

	Total Project Budget	FY 2022 and Prior Years	Five-Year CIP FY 2023-27	FY 2028 and Future Years
Stormwater Projects				
Euclid/Sills Warehouse Pond Retrofit	699	699	-	-
Liberia Stream Restoration	2,470	2,470	-	-
Sumner Lake Stream Restoration	4,900	-	4,900	-
Public Facilities Stormwater Improvements	750	-	-	750
Round Elementary Pond & Stream Restoration	5,314	14	5,300	-
Cannon Branch/Winters Branch Stream	4,435	88	4,347	-
Lucasville Regional Pond Retrofit	1,950	146	1,804	-
Cannon Branch/Flat Branch Stream Restoration	6,400	-	6,400	-
Oakenshaw Regional Pond Retrofit	1,950	-	1,950	-
New Britain Regional Pond Retrofit	2,800	-	2,800	
Program Total	31,668	3,417	27,501	750
Airport Projects				
Air Traffic Control Tower	8,600	-	-	8,600
Realignment of Wakeman Dr & Observation Rd	3,850	-	-	3,850
Land Acquisition Southwest Side of Airport	3,000	-	-	3,000
Fuel Farm Update	550	-	-	550
Taxiway A Rehabilitation	2,800	2,800	-	-
North East Apron Expansion	2,200	-	-	2,200
Rehab/Widen Taxiway B	5,578	578	5,000	-
Terminal Parking Lot Expansion	1,100	-	-	1,100
Installation of Backup Generators	550	-	-	550
West Corporate Development Site / Drainage	1,900	1,900	-	-
Rehabilitation of Runway 16L/34R	5,600	-	5,600	-
East Apron Rehabilitation	5,900	-	5,900	-
Runway 16R/34L Extension	3,775	-	275	3,500
South East Airport Complex Site Development	7,700	-	400	7,300
South West Hangar Redevelopment	200	-	200	-
Design Construct Taxilane X-Ray	1,700	-	1,700	
Program Total	55,003	5,278	19,075	30,650
School Projects				
District Wide - Classroom Trailers	900	-	650	250
District Wide - Technology Upgrades	1,200	-	1,000	200
District Wide - School Bus Replacements	3,000	-	2,500	500
District Wide - School Bus Additions	750	-	625	125

Five-Year Capital Improvement Program - Project Listing (Dollars in Thousands)

	Total Project Budget	FY 2022 and Prior Years	Five-Year CIP FY 2023-27	FY 2028 and Future Years
Central Office - Replacement	1,594	-	1,594	-
Osbourn - Roof Replacement	4,375	-	3,000	1,375
Osbourn - Fire Alarm System Replacement	975	-	975	-
Osbourn - Window/Door Replacement	550	-	275	275
Osbourn - Turf Field Installation	2,600	-	2,600	-
Osbourn - Concession Stand	400	-	400	-
Metz - Restroom Refurbishment	500	-	500	-
Metz - Window/Door Replacement	275	-	-	275
Metz - Fire Alarm System Replacement	575	-	575	-
Mayfield - Drop Off Area & Parking Lot Paving	200	-	200	-
Haydon - Window/Door Replacement	100	-	100	-
Round - Window/Door Replacement	100	-	100	-
Round - Parking Lot Replacement	200	-	200	-
Weems - Window/Door Replacement	131	-	131	-
New Dean - Building Replacement	62,172	-	62,172	-
Program Total	80,597	-	77,597	3,000
TOTAL	538,111	219,179	242,280	76,652



### FY 2023 Five-Year CIP by Program

Most capital improvement projects generate future operating budget costs in one or more of three ways: debt service; PAYGO (both to offset the need to issue debt and to fund projects not eligible for debt); and changes to the Operating Budget to support new or renovated facilities. Debt service and annual PAYGO are the most <u>significant</u> financial impacts of the City's five-year capital improvement program.

#### DEBT SERVICE

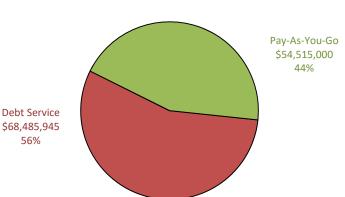
Bonds are used to spread the cost of construction over time, so that those who benefit from the project over time also assist in the funding of the project. General Obligation Bonds are issued for a wide variety of functions such as transportation, public schools, public safety, and utility infrastructure. These bonds are legally-binding general obligations of the City and constitute an irrevocable pledge of its full faith and credit and unlimited taxing power. Tax-supported debt (for purposes of this discussion) includes debt to be repaid by the General Fund, Fire and Rescue Fund, and School Fund. Debt repaid by the enterprise funds (Sewer, Water, Electric, Airport, and Stormwater) is supported by the revenues of those funds. Future debt service is funded through a combination of debt roll-off, reduced expenditures, and increased taxes and fees.

#### PAYGO

Certain capital projects are funded directly with current revenues of the City in order to avoid the cost of borrowing (PAYGO). These amounts for the first year of the Adopted CIP are included in the operating budget as specific transfers to the respective capital project funds. PAYGO is often split between capital projects, which are in the CIP, and maintenance capital projects which are not considered part of the CIP. For this analysis both are included.

#### **OPERATING BUDGET 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. Whenever a new or expanded facility involves program expansion, the required staffing and equipment represent additional operating budget expenditures. Many of these facilities will serve as replacements for existing facilities as opposed to additional facilities.



#### Impact of Five-Year CIP on Operating Budget

#### Five-Year Capital Improvement Program - Impact on the Operating Budget

#### Supporting Fund / Project FY 2023 FY 2024 FY 2025 FY 2026 FY 2027 Debt Service General Fund Fire and Rescue Fund Sewer Fund Water Fund **Electric Fund** Stormwater Fund 728,750 Airport Fund School Fund 3,299,835 -**Debt Service** 4,028,585 --\_ -PAYGO General Fund 1,250,000 1,250,000 1,250,000 1,405,000 1,365,000 Fire and Rescue Fund ----\_ Sewer Fund 481,000 450,000 575,000 3,430,000 450,000 Water Fund 800,000 725,000 2,290,000 900,000 **Electric Fund** 2,900,000 2,635,000 2,750,000 3,110,000 1,950,000 2,765,000 1,000,000 1,000,000 625,000 625,000 Stormwater Fund Airport Fund 211,000 117,000 184,000 192,000 50,000 School Fund 4,360,000 4,300,000 3,060,000 3,000,000 3,060,000 PAYGO 11,967,000 10,552,000 9,544,000 14,052,000 8,400,000 Other Operating Costs (Savings) 597,000 General Fund 379,000 597,000 597,000 597,000 Fire and Rescue Fund Sewer Fund Water Fund Electric Fund Stormwater Fund Airport Fund School Fund Other Operating Costs (Savings) 379,000 597,000 597,000 597,000 597,000 **Total Operating Impacts** 12,346,000 10,141,000 11,149,000 14,649,000 13,025,585

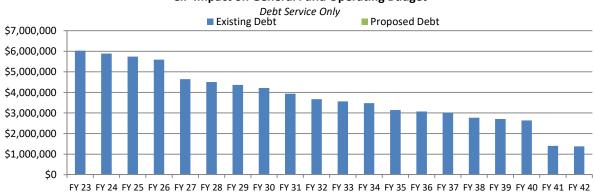
#### Five Year Capital Improvement Program - Impact on Operating Budget (All Funds)

Five-Year Capital Improvement Program - Impact on the Operating Budget

Five Year Capital Improvement Program - Impact on General Fund Operating Budget								
Supporting Fund / Project	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027			
General Fund Debt Service								
n/a No Bond Projects	-	-	-	-	-			
Proposed Debt	-	-	-	-	-			
PAYGO (Capital & Maint.)	1,250,000	1,250,000	1,250,000	1,405,000	1,365,000			
Other Operating Costs (Savings)	379,000	597,000	597,000	597,000	597,000			
Total Operating Impacts	\$ 1,629,000	\$ 1,847,000	\$ 1,847,000	\$ 2,002,000	\$ 1,962,000			

General Fund debt service is funded with tax revenues raised in the General Fund and transferred to the Debt Service Fund. This transfer is based on the budget as opposed to actual debt service costs to build future debt capacity.

There are no proposed bond issues for the General Government program in the Five-Year Capital Improvement Program. The only impact of the Five-Year CIP is the annual PAYGO contribution.



#### **CIP Impact on General Fund Operating Budget**

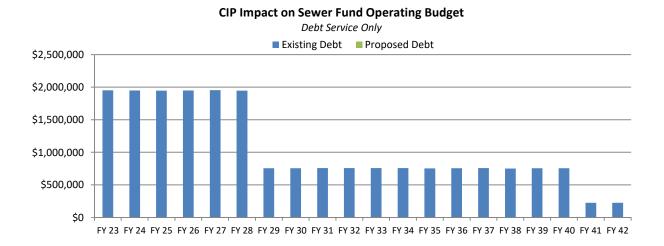
Five-Year Capital Improvement Program - Impact on the Operating Budget

Supporting Fund / Project	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Sewer Fund					
Debt Service					
n/a No Bond Projects	-	-	-	-	-
Proposed Debt	-	-			-
PAYGO (Capital & Maint.)	481,000	450,000	575,000	3,430,000	450,000
Other Operating Costs (Savings)	-				
Total Operating Impacts	\$ 481,000	\$ 450,000	\$ 575,000	\$ 3,430,000	\$ 450,000

#### Five Year Capital Improvement Program - Impact on Sewer Fund Operating Budget

Sewer Fund debt service is supported by sewer utility rates and paid out of the Sewer Fund.

There are no proposed bond issues for the Sewer program in the Five-Year Capital Improvement Program. The only impact of the Five-Year CIP is the annual PAYGO contribution.



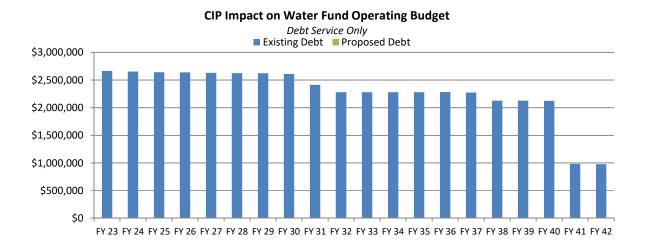
Five-Year Capital Improvement Program - Impact on the Operating Budget

Supporting Fund / Project	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Water Fund					
Debt Service					
n/a No Bond Projects	-	-	-	-	-
Proposed Debt	-	-	-		
PAYGO (Capital & Maint.)	-	800,000	725,000	2,290,000	900,000
Other Operating Costs (Savings)	-				-
Total Operating Impacts	\$-	\$ 800,000	\$ 725,000	\$ 2,290,000	\$ 900,000

#### Five Year Capital Improvement Program - Impact on Water Fund Operating Budget

Water Fund debt service is supported by water utility rates and paid out of the Water Fund.

There are no proposed bond issues for the Water program in the Five-Year Capital Improvement Program. The only impact of the Five-Year CIP is the annual PAYGO contribution.



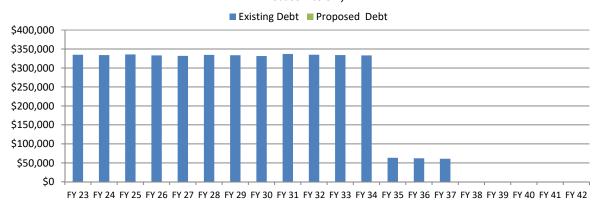
Five-Year Capital Improvement Program - Impact on the Operating Budget

Supporting Fund / Project	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Electric Fund					
n/a No Bond Projects	-	-	-	-	-
Proposed Debt	-		-		
PAYGO (Capital & Maint.)	2,900,000	2,635,000	2,750,000	3,110,000	1,950,000
Other Operating Costs (Savings)	-				
Total Operating Impacts	\$ 2,900,000	\$ 2,635,000	\$ 2,750,000	\$ 3,110,000	\$ 1,950,000

#### Five Year Capital Improvement Program - Impact on Electric Fund Operating Budget

Electric Fund debt service is supported by electric utility rates and paid out of the Electric Fund.

There are no bond issues for the Electric program in the Five-Year Capital Improvement Program. The only impact of the Five-Year CIP is the annual PAYGO contribution.



CIP Impact on Electric Fund Operating Budget Debt Service Only

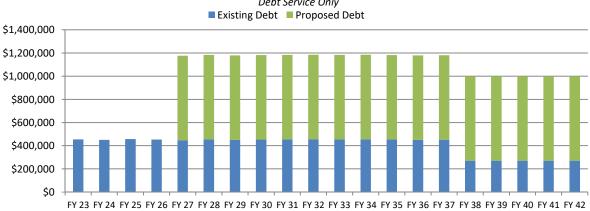
Five-Year Capital Improvement Program - Impact on the Operating Budget

Supp	orting Fund / Project	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Storm	nwater Fund					
D-028	Sumner Lake Stream Restoration	-	-	-	-	269,500
D-040	Cannon Branch/Flat Branch Str	-	-	-	-	352,000
D-042	Oakenshaw Regional Pond Ret	-	-	-	-	107,250
	Proposed Debt	-	-		-	728,750
	PAYGO (Capital & Maint.)	2,765,000	1,000,000	1,000,000	625,000	625,000
Othe	er Operating Costs (Savings)	-			-	
	_ Total Operating Impacts	\$ 2,765,000	\$ 1,000,000	\$ 1,000,000	\$ 625,000	\$ 1,353,750

#### Five Year Capital Improvement Program - Impact on Stormwater Fund Operating Budget

Stormwater Fund debt service is supported by stormwater management fees and paid out of the Stormwater Fund.

Proposed bond issues in the Five-Year CIP include \$4.9 million for Sumner Lake Stream Restoration, \$6.4 million for Cannon Branch/Flat Branch Stream Restoration, and \$1.95 million for Oakenshaw Regional Pond Retrofit in FY 2026. The estimated debt service is shown above.



#### CIP Impact on Stormwater Fund Operating Budget Debt Service Only

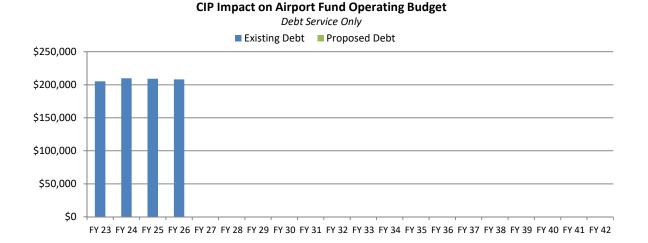
Five-Year Capital Improvement Program - Impact on the Operating Budget

Supporting Fund / Project	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Airport Fund					
Debt Service					
n/a No Bond Projects	-	-	-	-	-
Proposed Debt	-	-	-	-	-
PAYGO (Capital & Maint.)	211,000	117,000	184,000	192,000	50,000
Other Operating Costs (Savings)	_	-			-
_ Total Operating Impacts	\$ 211,000	\$ 117,000	\$ 184,000	\$ 192,000	\$ 50,000

#### Five Year Capital Improvement Program - Impact on Airport Fund Operating Budget

Airport Fund debt service is supported by airport rentals and leases and is paid out of the Airport Fund.

There are no bond issues for the Airport program in the Five-Year Capital Improvement Program. The only impact of the Five-Year CIP is the annual PAYGO contribution. The annual contribution fluctuates from year-to-year based on the timing of federal and state grant opportunities. These grant opportunities are the main drivers behind the timing of the projects since the Airport Fund generally only funds 2% for federally supported projects and 20% for state supported projects.



Five-Year Capital Improvement Program - Impact on the Operating Budget

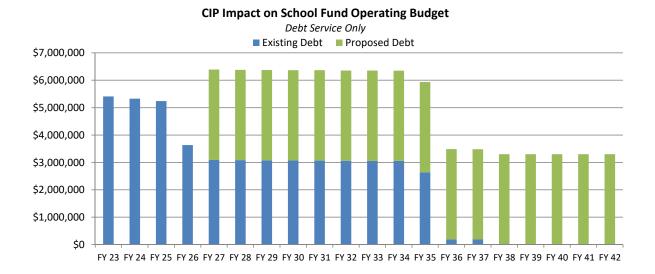
Supporting Fund / Project	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
School Funds					
1301 New Dean - Building Replacem	-	-	-	-	3,299,835
Proposed Debt	-	-			3,299,835
PAYGO (Capital & Maint.)	4,360,000	4,300,000	3,060,000	3,000,000	3,060,000
Other Operating Costs (Savings)	-				-
Total Operating Impacts	\$ 4,360,000	\$ 4,300,000	\$ 3,060,000	\$ 3,000,000	\$ 6,359,835

#### Five Year Capital Improvement Program - Impact on School Fund Operating Budget

School debt service is supported by tax revenue raised in the General Fund. Debt service payments are paid out of the Debt Service Fund and funded by a transfer from the School Funds.

Proposed bond issues in the Five-Year CIP includes \$59.9 million in FY 2026 for the Building Replacement of Dean School. The estimated debt service is shown above.

In addition to debt service costs, the Schools Program includes an annual PAYGO contribution. The annual amount is typically \$3 million.



Capital Projects are identified as projects with a cost greater than \$100,000 and a useful life exceeding 10 years. Projects that do not meet these criteria, but are capital in nature, are considered Maintenance Capital Projects. While not part of the Five-Year CIP, these projects are included in the CIP in summary schedules for informational purposes.

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

Capital Projects are identified as projects with a cost greater than \$100,000 and a useful life exceeding 10 years. Projects that do not meet these criteria, but are capital in nature, are considered Maintenance Capital Projects. While not part of the Five-Year CIP, these projects are included in the CIP in summary schedules for informational purposes.

	Proj. #	FY 2023
Stormwater		
Round Elementary Pond Retrofit & Stream Restoration	D-036	5,300
Cannon Branch/Winters Branch Stream Restoration	D-037	4,347
Lucasville Regional Pond Retrofit	D-039	1,804
New Britain Regional Pond Retrofit	D-043	2,800
		14,251
Airport		
Rehab/Widen Taxiway B with Lighting System Upgrades	A-074	5,000
Rehabilitation of Runway 16L/34R	A-091	600
		5,600
Schools		
District Wide - Classroom Trailers	0101	250
District Wide - Technology Upgrades	0102	200
District Wide - School Bus Replacements	0103	500
District Wide - School Bus Additions	0105	125
Central Office - Replacement	0201	1,594
Osbourn - Turf Field Installation	0420	1,300
Mayfield - Drop Off Area & Parking Lot Paving	0604	200
Weems - Window/Door Replacement	1104	131
		4,300
	TOTAL	73,845

FY 2023 Capital Projects (Dollars in Thousands)

		FY 2023
Funding Sources		
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

# G-023 City Hall Annex

Year Introduced:	2021					
Change:	Moved From Future	Moved From Future				
Associated Proj:	G-024					
Program Area:	General Government					
Managing Dept:	Public Works					
Manager:	S. Horan					
Plan Conformanc		=///2222	16.20			
CFI 7.1.1	Est. Start:	7/1/2023				
0	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 1,000; General Fund	5) -	-	-	-	-	-	-	-
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
<b>Operating Impacts:</b> (\$ in 1,00 Revenue	0s) -	-	-	-	-	-	-	-
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 the second
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 II ILKANN
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
<b>Operating Impacts:</b> (\$ in 1,000 Revenue	ls)							
	-	-	-	-	-	-	-	-
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 water data Street, Street	eesse kaannaan	Q O Q
Associated Proj:	N/A			12 12 m	12
Program Area:	General Government		77		
Managing Dept:	Public Works		The state of the		The Institute Constit
Manager:	S. Horan			A 17	TITUE AVE
Plan Conformanc		7/4/0000	Mani +++	1 11	
CFI 7.1.5	Est. Start:	7/1/2022		21	
	Est. Complete:	6/30/2023			THE REPORT

#### **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
<b>Funding Sources:</b> (\$ 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
<b>Operating Impacts:</b> (\$ in 1,000 Revenue	)s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-			-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

### C-006 Manassas Museum

Year Introduced:	2001	
Change:	No change	
Associated Proj:	N/A	
Program Area:	Culture & Recreation	
Managing Dept:	Public Works	
Manager:	S. Horan	
Plan Conformanc		- / /
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	000s)							
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
<b>Funding Sources:</b> (\$ 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
<b>Operating Impacts:</b> (\$ in 1,0 Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	(75)	(75)	(75)	(75)	-	(300)
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	(75)	(75)	(75)	(75)	-	(300)

# 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	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	)00s)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	(20)	(20)	(20)	(20)	(20)	-	(100)
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	(4,730)	(4,730)
Net Revenue	-	(20)	(20)	(20)	(20)	(20)	(4,730)	(4,830)

# C-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:
	Est. Complete:



#### **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 requirments 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
<b>Funding Sources:</b> (\$ 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	-	-	-	-	-	-	-	-

#### 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	s) -	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
<b>Operating Impacts:</b> (\$ in 1,00 Revenue	00s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	•	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

# T-015 Sudley Road Third Lane

Year Introduced:	2000		
Change:	Increased Estimate		
Associated Proj:	N/A		
Program Area:	Transportation		
Managing Dept:	Engineering		Contraction of the second second
Manager:	J. Keenan		
Plan Conformanc			Harden Ander Aller Provident
MOB 6.3.1	Est. Start:	7/1/2017	
	Est. Complete:	12/31/2024	A STANDARD

#### **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
<b>Funding Sources:</b> (\$ 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
<b>Operating Impacts:</b> (\$ 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		40/4/0045	
MOB 6.2.1	Est. Start:	12/1/2015	
	Est. Complete:	6/30/2023	and a little and a little and a little and

Con a land the second s

#### **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	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 1,0 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
<b>Operating Impacts:</b> (\$ 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		Comments and						
Change:	Increased Estimate	ncreased Estimate							
Associated Proj:	W-050	V-050							
Program Area:	Transportation		62.0						
Managing Dept:	Engineering	Engineering							
Manager:	J. Keenan		a 🚹						
Plan Conformanc		0/4/0045	5 S .						
ED 5.3.1	Est. Start:	9/1/2015	1. C. A. C.						
	Est. Complete:	7/1/2023							



#### **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)		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-070** Commercial Corridor Streetscapes

			COMMERCIAL STREETSCAPE
Year Introduced:	2019		
Change:	Increased Estimate		
Associated Proj:	T-086		Mar Martine
Program Area:	Transportation		
Managing Dept:	Engineering		
Manager:	J. Keenan		
Plan Conformanc			Captional Sect Man
ED 5.3.1	Est. Start:	7/1/2018	Alastrad Tare Wells
	Est. Complete:	12/31/2023	Autorit Efficante Sonn ar

#### **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
-	597	70	-	-	-	-	-	667
Funding Sources: (\$ in 1,000 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
<b>Operating Impacts:</b> (\$ 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	s)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

# **T-084 Longstreet Water Line & Sidewalk**

Year Introduced:	2023			N/A.		· ·
Change:	New Project					No and
Associated Proj:	W-050			The State	* St .2 .	
Program Area:	Transportation				as May	A second
Managing Dept:	Utilities					
Manager:	M. Nicholson				1 1 21	See a
Plan Conformanc	e:	Eat Starts	7/1/2022	1	5-19 S.	2 4/ 20 3
MOB 6.3.5	_	Est. Start:	7/1/2022	ONO PER	C 100.74	
		Est. Complete:	3/24/2024	ST 112 41	1.1.1	24 6 15

#### **Description:**

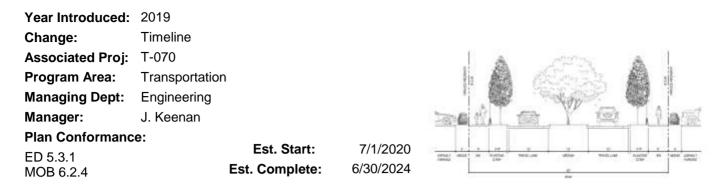
Replace the water and sanitary sewer on Longstreet Drive from Grant Avenue to Weems Road. This project will occur concurrently with construction of sidewalk, curb and gutter.

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
<b>Funding Sources:</b> (\$ 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
<b>Operating Impacts:</b> (\$ in 1,000s Revenue	s) -	-	-	-	-	-	-	-
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
<b>Funding Sources:</b> (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
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
<b>Operating Impacts:</b> (\$ in 1,0 Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

### W-042 24" Transmission Main Replacement

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

#### **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
<b>Funding Sources:</b> (\$ 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
<b>Operating Impacts:</b> (\$ in 1, Revenue	000s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

# W-076 Screw Press Decant

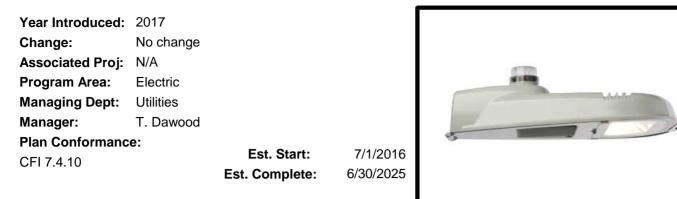
Year Introduced:	2021		
Change:	Increased Estimate		A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR
Associated Proj:	W-047		
Program Area:	Water		A Constant of the owned
Managing Dept:	Utilities		A A A A A A A A A A A A A A A A A A A
Manager:	M. Nicholson		and a stand 12 - 5 -
Plan Conformance		4/4/2024	
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
<b>Operating Impacts:</b> (\$ in 1,000 Revenue	s) -	-	-	-	-	-	-	-
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
<b>Funding Sources:</b> (\$ in 1,00 General Fund	00s) -	-	-	-	-	-	-	-
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
<b>Operating Impacts:</b> (\$ 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			T T
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
<b>Funding Sources:</b> (\$ in 1,000 General Fund	0s) -	-	-	-	-	-	-	-
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
<b>Operating Impacts:</b> (\$ in 1,0 Revenue	00s) -	-	-	-	-	-	-	-
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 UN
Program Area:	Electric			L FADIRAL CHAN
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
<b>Funding Sources:</b> (\$ 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	)0s)							
Revenue	-	-	-	-	-	-	-	-
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	e:		74/0004				
CFI 7.4.8		Est. Start:	7/1/2021				
	E	st. Complete:	6/30/2023				



### **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,	000s)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

#### **Round Elementary Pond Retrofit & Stream Restoration D-036**

Year Introduced:	2022			Safery Bench 11 Web, Mar (& Sager
Change:	Expanded Sco	оре		Colom Raster
Associated Proj:	N/A			
Program Area:	Stormwater			Foods Tools
Managing Dept:	Engineering			el fode Super
Manager:	L. Kilby			Clarick Sddt / Force
Plan Conformanc	e:		7/4/0004	Cater Balers
CFI 7.4.7		Est. Start:	7/1/2021	Access Road (12 Wate) Gate
		Est. Complete:	6/30/2025	Pung Wet Weil

### **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
<b>Funding Sources:</b> (\$ in 1,000s General Fund	5) -	-	-	-	-	-	-	-
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
<b>Operating Impacts:</b> (\$ in 1,00 Revenue	0s) -	-	-	-	_	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-		-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

## **D-037 Cannon Branch/Winters Branch Stream Restoration**

Year Introduced:	2022					
Change:	Expanded Scop	e		Care and the first of the	Harn der	
Associated Proj:	N/A					A Property in
Program Area:	Stormwater			in the second		
Managing Dept:	Engineering					
Manager:	L. Kilby			The second second		
Plan Conformanc	e:			The second states		
CFI 7.4.7		Est. Start:	7/1/2021			
	E	Est. Complete:	6/30/2025		1924	and a start of the

### **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
<b>Funding Sources:</b> (\$ in 1,000 General Fund	ls) -	-	-	-	-	-	-	-
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
<b>Operating Impacts:</b> (\$ in 1,00 Revenue	00s) -	-	-	-	-	-	-	-
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		
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
<b>Funding Sources:</b> (\$ 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
<b>Operating Impacts:</b> (\$ in 1,00 Revenue	00s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-		-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-		-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	

## **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
<b>Funding Sources:</b> (\$ 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
<b>Operating Impacts:</b> (\$ in 1,000; Revenue	s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-		-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

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

Year Introduced:	2017			
Change:	Increased Est	timate		
Associated Proj:	N/A			
Program Area:	Airport			
Managing Dept:	Airport			
Manager:	J. Rivera			and the second second
Plan Conformanc	e:		7/4/0004	
MOB 6.1.4		Est. Start:	7/1/2021	1 and
Airport Master Pla	n	Est. Complete:	12/31/2023	A COLORIAN AND AND AND AND AND AND AND AND AND A
Airport Strategic P		-		

### **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 taxing. 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.

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
<b>Funding Sources:</b> (\$ in 1,000 General Fund	0s) -	-	-	-	-	-	-	-
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
<b>Operating Impacts:</b> (\$ in 1,0 Revenue	00s) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-			-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

## 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
<b>Funding Sources:</b> (\$ 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
<b>Operating Impacts:</b> (\$ in 1,000 Revenue	Ds) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	•	-	-	-		-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

## 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)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	250	200	200	-	-	250	900
Total Cost	-	250	200	200	-	-	250	900
<b>Funding Sources:</b> (\$ 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	ls)							
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

## 0102 District Wide - Technology Upgrades

Year Introduced:2013Change:No changeAssociated Proj:N/AProgram Area:SchoolsManaging Dept:SchoolsPlan Conformance:Est. Start:<br/>Est. Complete:

### **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
<b>Funding Sources:</b> (\$ 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
<b>Operating Impacts:</b> (\$ 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
<b>Operating Impacts:</b> (\$ 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)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	125	125	125	125	125	125	750
Total Cost	-	125	125	125	125	125	125	750
<b>Funding Sources:</b> (\$ 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
<b>Operating Impacts:</b> (\$ 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
Manager:	Schools
Plan Conformanc	e:
CFI 7.1.1	



### **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.

7/1/2021

Est. Start:

Est. Complete:

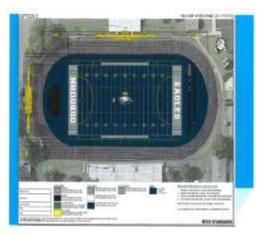
Cost Estimate: (\$ in 1,000s)	Prior Years	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	1,594	-	-	-	-	-	1,594
Total Cost	-	1,594	-	-	-	-	-	1,594
<b>Funding Sources:</b> (\$ in 1,000s) General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
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
<b>Operating Impacts:</b> (\$ in 1,000) Revenue	s) -	-	-	-	-	-	-	-
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 State

 Est. Start:
 7/1/2022

 Est. Complete:
 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)	s)							
Revenue	-	-	-	-	-	-	-	-
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
<b>Funding Sources:</b> (\$ in 1,000s General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	200	-	-	-	-	-	200
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding	-	200	-	-	-	-	-	200
<b>Operating Impacts:</b> (\$ in 1,000 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
<b>Operating Impacts:</b> (\$ in 1,000 Revenue	Ds) -	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue	-	-	-	-	-	-	-	-

### FY 2023 Maintenance Capital Projects (Dollars in Thousands)

Capital Projects are identified as projects with a cost greater than \$100,000 and a useful life exceeding 10 years. Projects that do not meet these criteria, but are capital in nature, are considered Maintenance Capital Projects. While not part of the Five-Year CIP, these projects are included in the CIP in summary schedules for informational purposes.

informational purposes.	Proj. #	FY 2023
Culture & Recreation		
School Playground Equipment Replacement	C-007	120
Candy Factory Improvements	C-010	270
Stonewall Pool Improvements	C-046	40
Historic Site Improvements	C-047	150
		580
Transportation		
Sidewalk & Bicycle Infill	T-058	360
Traffic Signal Coordination & Upgrades	T-064	200
Project Development	T-090	250
Culvert Maintenance	T-092	100
		910
Sewer		
Sewer Main Replacement	S-023	450
	0 020	450
<b>—</b>		
	<b>F</b> 000	000
Electric T&D Maintenance and Improvements	E-030	800
Alternative Generation Initiatives	E-031	300
Place Overhead Lines Underground (Non-Transportation)	E-033	500
Substation Capacity and Reliability Improvements	E-037	375
		1,975
Stormwater		
SWMF Annual/Deferred Maintenance	D-029	900
Floodplain Mapping Update Program	D-030	125
Drainage Maintenance & Construction	D-035	500
Upstream Inspections & Repairs	D-038	550
		2,075
Airport		
Airfield Improvements	A-082	80
Airfield Paving Program	A-084	135
Security Equipment Replacement Program	A-104	45
Terminal Building Improvements	A-105	35
		295
	TOTAL	6,285
	IUIAL	0,200

FY 2023 Maintenance Capital Projects (Dollars in Thousands)

	_	FY 2023
Funding Sources		
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 Capital Projects Pay-Go

The Five-Year Capital Improvement program includes projects that the City has identified that meet the definition of a capital project. A capital project is a project with a total cost in excess of \$100,000 <u>and</u> a useful life of at least 10 years. Projects that are capital in nature but do not meet this criteria are considered maintenance capital projects.

Fund / Project	CIP #	Amount
General Fund		
Animal Shelter Improvements	P-018	130,000
Total General Fund		130,000
Sewer Fund		
Dean Drive Extended (Existing Cul-de-sac to Animal Shelter)	T-030	31,000
Total Sewer Fund		31,000
Electric Fund		
LED Streetlight Replacement	E-034	125,000
Manassas Airport Distribution Improvements	E-035	450,000
Distribution Facility Relocations (Pr Wm Water Tank Site)	E-039	50,000
Grant Avenue (Lee Avenue to Wellington Road)	T-021	300,000
Total Electric Fund		925,000
Stormwater Fund		
New Britain Regional Pond Retrofit	D-043	1,240,000
Total Stormwater Fund		1,240,000
Airport Fund		
Rehab/Widen Taxiway B with Lighting System Upgrades	A-074	100,000
Rehabilitation of Runway 16L/34R	A-091	12,000
Total Airport Fund		112,000
School Funds		
District Wide - Classroom Trailers	0101	250,000
District Wide - Technology Upgrades	0102	200,000
District Wide - School Bus Replacements	0103	500,000
District Wide - School Bus Additions	0105	125,000
Central Office - Replacement	0201	1,594,000
Osbourn - Turf Field Installation	0420	1,300,000
Mayfield - Drop Off Area & Parking Lot Paving	0604	200,000
Weems - Window/Door Replacement	1104	131,000
Total School Funds		4,300,000
Total Level Oham - EV 0000 Consider Dusing to Day Oc		. 700 000

Total Local Share - FY 2023 Capital Projects Pay-Go

6,738,000

## **CAPITAL PROGRAM** FY 2023 Maintenance Capital Projects Pay-Go

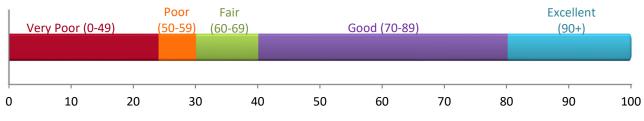
A capital project is a project with a total cost in excess of \$100,000 **and** a useful life of at least 10 years. Projects that are capital in nature but do not meet this criteria are considered maintenance capital projects. While not part of the Five-Year Capital Improvement Program (CIP), summary schedules of these projects are included in the CIP for informational purposes.

Fund / Project	CIP #	Amount
General Fund		
School Playground Equipment Replacement	C-007	60,000
Candy Factory Improvements	C-010	270,000
Stonewall Pool Improvements	C-046	40,000
Historic Site Improvements	C-047	150,000
Upstream Inspections & Repairs	D-038	500,000
Culvert Maintenance	T-092	100,000
Total General Fund		1,120,000
Sewer Fund		
Sewer Main Replacement	S-023	450,000
Total Sewer Fund		450,000
Electric Fund		
Electric T&D Maintenance and Improvements	E-030	800,000
Alternative Generation Initiatives	E-031	300,000
Place Overhead Lines Underground (Non-Transportation)	E-033	500,000
Substation Capacity and Reliability Improvements	E-037	375,000
Total Electric Fund		1,975,000
Stormwater Fund		
SWMF Annual/Deferred Maintenance	D-029	900,000
Floodplain Mapping Update Program	D-030	125,000
Drainage Maintenance & Construction	D-035	500,000
Total Stormwater Fund		1,525,000
Airport Fund		
Airfield Improvements	A-082	16,000
Airfield Paving Program	A-084	27,000
Security Equipment Replacement Program	A-104	45,000
Terminal Building Improvements	A-105	11,000
Total Airport Fund		99,000
School Funds		
School Playground Equipment Replacement	C-007	60,000
Total School Funds		60,000
Total Local Share - FY 2023 Maintenance Capital Projects Pay-Go		5,229,000

The industry standard for paving roads is every 15-20 years. The City has advanced its efforts to achieve a targeted 16.2 year paving cycle goal. The City aims to achieve an average paving rate of 60. Several factors are taken into consideration when scheduling paving including pavement ratings as determined by the CCI (Critical Condition Index).

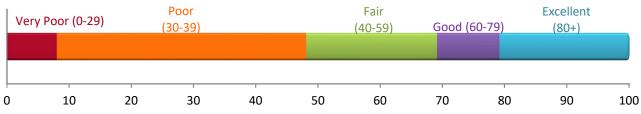
Street Name and Section	Rating	Sq. Yards	Amount
Bayberry Avenue (Liberia Avenue to Cul-de-sac)	30	14,172	171,456
Bayberry Court (Bayberry Avenue to Cul-de-sac)	38	2,383	28,834
Thornwood Lane (Liberia Avenue to Cul-de-sac)	30	7,789	94,230
Thornwood Court (Thornwood Lane to Cul-de-sac)	38	1,583	19,155
Oakglen Road (Bayberry Avenue to Cul-de-sac)	21	4,550	55,046
Oakglen Court (Oakglen Road to Cul-de-sac)	36	2,111	25,540
Holly Grove Court (Thornwood Lane to Cul-de-sac)	42	1,661	20,096
Ellicott Lane (Wellington Road to Wesley Avenue)	36	2,000	24,196
Wesley Avenue (Fairview Avenue to Ellicott Lane)	15	2,639	31,925
Garden Street (Wellington Road to Wesley Avenue)	39	2,667	32,261
Confederate Trail (Ashton Avenue to Cul-de-sac)	27	13,072	158,148
Burnside Road (Confederate Trail to Ashton Avenue)	31	3,506	42,410
Liberia Avenue (Centreville Road to Kirby Street)	32	20,556	248,681
Center Street (W Courthouse Road to Church Street)	21	8,600	104,043
Concrete (associated with paving above streets)	NA	NA	443,979
Stamped crosswalks (associated with paving above streets)	NA	NA	50,000
Total Local Share - FY 2023 Street Paving Program			1,550,000

The City has \$1.550 million in funding for street paving/resurfacing in the Public Works General Fund operating budget.



### **VDOT PAVEMENT RATINGS - CCI INDEX (PRINCIPAL & MINOR ARTERIAL)**





The Vehicle Maintenance Fund purchases all vehicles for the City of Manassas with the exception of fire engines and ambulances (apparatus). Factors taken into consideration for determining replacement are age, mileage, and general vehicle condition. Utility and Airport funds reimburse the Vehicle Maintenance Fund for vehicle replacements directly whereas other departments pay higher support costs to fund future vehicle replacements. The Fire and Rescue Fund fully funds the replacement of apparatus.

Description (Vehicle #)	Quantity	Unit Cost	Amount
Police Utility (PD 61, 91, 97)	3	50,000	150,000
Police K9 Utility (PD 81, 82)	2	55,000	110,000
Police F250 4X4 (PD11)	1	40,000	40,000
Police CID Utility (PD49)	1	40,000	40,000
Streets John Deere 544 (S46)	1	220,000	220,000
Streets Freightliner/Plow/Spreader (S22, S52)	2	175,000	350,000
Streets Craftco Supershot 125DC	1	95,000	95,000
Parks F350 4X4 Utility/Lift Gate (R4)	1	48,000	48,000
Parks Zero Turn (R25, R26)	2	12,000	24,000
Garage F450 Utility (M1)	1	120,000	120,000
IT Ford Transit Connect (A14)	1	28,000	28,000
Total Vehicle Maintenance Fund	16	-	1,225,000
Sewer 7x16 Enclosed Trailer (W45)	1	10,000	10,000
Sewer John Deere 710 (W22)	1	215,000	215,000
Electric Altec DB37 (E38)	1	180,000	180,000
Total Utility Funds	3	-	405,000
Total Local Share - FY 2023 Vehicles	19	-	1,630,000

## FY 2023 Equipment (Purchases)

The City identifies a capital asset as a tangible or intangible asset that has an initial useful life of more than one year and has an initial cost of \$5,000 or more. The cost of a capital asset includes all necessary charges incurred to acquire or construct an asset. In the case of computers, these devices are not capitalized individually; instead the entire computer system is treated as a single capital asset.

Fund / Equipment Description	Amount
Fire and Rescue Fund	
EMS Equipment Replacement	31,000
Fire Equipment Replacement	51,000
Radios	700,000
Monitors	400,000
Total Fire and Rescue Fund	1,182,000
PEG Fund	
PEG Channel Broadcasting Equipment	150,000
Water Fund	
Water Quality Monitoring	100,000
Total Water Fund	100,000
Electric Fund	
Ground Tester	7,000
Radiator	39,000
Engine Controllers Upgrade	80,000
Airport Cisco Network Core Switch	55,000
Total Electric Fund	181,000
Airport Fund	
F450 with Snow Plow Package	67,000
F250 with Snow Plow Package	40,000
Total Airport Fund	107,000
Solid Waste Fund	
Leaf Box Replacement	20,000
Total Solid Waste Fund	20,000
Building Maintenance Fund	
Animal Shelter Fire Alarm	40,000
City Hall Exterior LED Lighting	25,000
Public Works & Utilities Facility Exterior LED Lighting	25,000
Harris Pavilion Exterior LED Lighting	10,000

## FY 2023 Equipment (Purchases)

The City identifies a capital asset as a tangible or intangible asset that has an initial useful life of more than one year and has an initial cost of \$5,000 or more. The cost of a capital asset includes all necessary charges incurred to acquire or construct an asset. In the case of computers, these devices are not capitalized individually; instead the entire computer system is treated as a single capital asset.

Fund / Equipment Description	Amount
Building Automation	340,000
Repair Snow Barn Door	70,000
Total Building Maintenance Fund	510,000
Vehicle Maintenance Fund	
Anticipated Mid-Year Purchase Requests	200,000
Information Technology Fund	
Servers	30,000
Anticipated Mid-Year Purchase Requests	50,000
Total Information Technology Fund	80,000
Total Local Share - FY 2023 Capital Equipment (Purchases)	2,380,000

### FY 2023 Capital Program Expenditure Summary

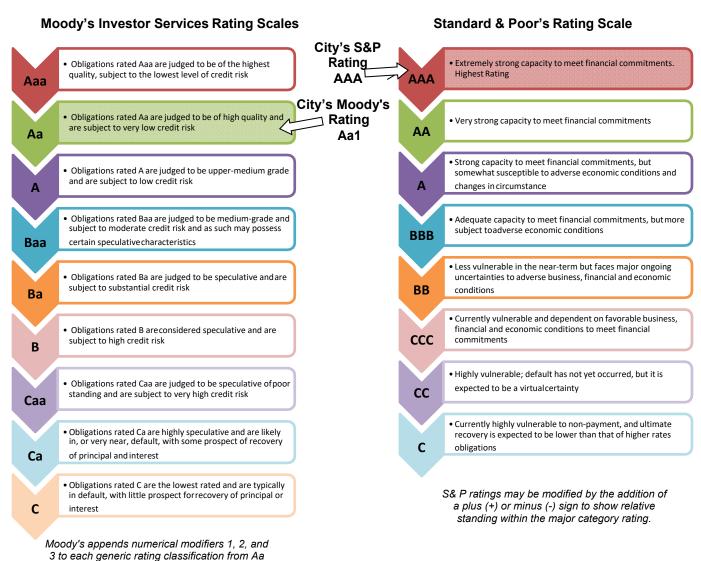
		Capital Projects Pay-Go	6,738,000
	Mainter	ance Capital Projects Pay-Go	5,229,000
		Street Paving	1,550,000
		Vehicles	1,630,000
		Equipment Purchases	2,380,000
		Total Local Share	17,527,000
	Othe	er Sources for Capital Projects	67,107,000
	Other Sources for	Maintenance Capital Projects	1,056,000
		Virginia Railway Express	270,000
		<b>Total Other Sources</b>	68,433,000
	Other Sources for	TOTAL	85,960,000
	Maintenance		
Other Sources	CIP		
for CIP	1%		
78% Local Share			
for all Capital			
21%			

The City's General Obligation Debt ratings with Moody's Investors Service and Standard and Poor's Rating Services are **Aa1 (Moody's Investor Services)** and **AAA (Standard & Poor's)**.

### The ratings were affirmed in May 2021. Remarks from the ratings include:

- · Strong economy, with access to a broad and diverse metropolitan statistical area
- Very strong management, with strong financial policies and practices
- Strong budgetary performance, with operating surpluses in the general fund and at the total governmental fund level in fiscal 2020
- Very strong budgetary flexibility, with an available fund balance in fiscal 2020 of 45% of operating expenditures
- Very strong liquidity, with total government available cash at 123.6% of total governmental fund expenditures and 20.8x governmental debt service, and access to external liquidity considered strong
- Very strong institutional framework

through Caa. Modifier 1 indicates that the obligation ranks in the higher end of its generic rating category.



### STATE DEBT LIMITS

Pursuant to the Constitution of Virginia and the Public Finance Act of 1991, a City in Virginia is authorized to issue bonds and notes secured by the pledge of its full faith and credit. The Constitution and the Public Finance Act limit the indebtedness which may be incurred by cities to 10% of the assessed valuation of real estate subject to local taxation.

Legal Debt Margin Calculation for June 30, 2022

Assessed value of taxable real property as of January 1, 2021	\$ 5,680,909,000
Debt Limit - 10% of assessed valuation	568,090,900
Direct Debt outstanding chargeable to debt limit at June 30, 2022	168,510,000
Legal Debt Margin Remaining	\$ 399,580,900

Total Net Debt Applicable to Limit as a Percent of Debt Limit

<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
24.26%	21.54%	23.97%	21.60%	29.70%	27.28%	23.85%	29.66%

### CITY DEBT LIMITS (PER POLICY)

The City's Debt Policy is outlined as part of it's Financial Policies.

• Net debt as a percentage of estimated market value of taxable property shall not exceed 3.0%. Net debt is defined as any and all debt that is tax-supported. Should this ratio exceed 3%, staff must request an exception from the City Council stating the justification and expected duration of the policy exemption.

As of July 8, 2021, this ratio was 1.99%, which is within the policy limit.

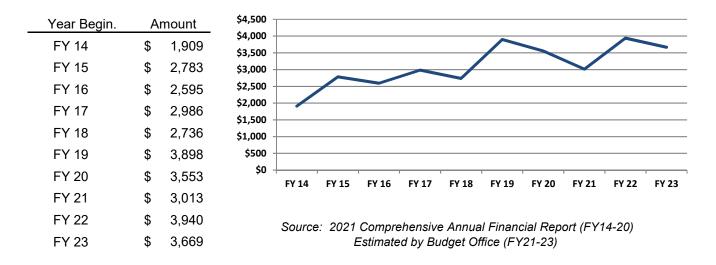
• Debt service expenditures a percentage of total governmental fund expenditures shall not exceed 15.0%. Should this ratio exceed 15%, staff must request an exception from the City Council stating the justification and expected duration of the policy exception.

As of July 8, 2021, this ratio was 6.6%, which is within the policy limit.

• Payout of aggregate outstanding tax-supported debt principal shall be no less than 50% repaid in 10 years. Should this ratio fall below 50%, staff must request an exception from the City Council stating the justification and expected duration of the policy exception.

As of July 8, 2021, the 10-year payout ratio was 62%, which is within the policy limit.

**Debt Limits** 



### OUTSTANDING DEBT SUPPORTED BY TAXPAYERS PER CAPITA

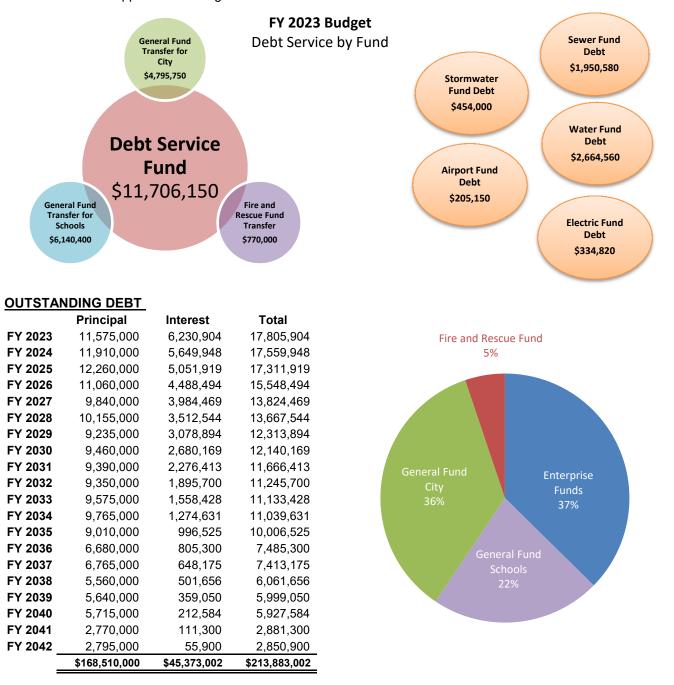
Debt per capita above reflects all general obligation bonds, both tax-supported and enterprise fund supported in accordance with the reporting requirements of the Comprehensive Annual Financial Report).

## **DEBT MANAGEMENT**

**Debt Service** 

### **DEBT OVERVIEW**

The City will have \$168,510,000 (principal only) of outstanding bonded debt as of June 30, 2022. The Enterprise Funds (Sewer, Water, Electric, Airport, and Stormwater) pay the debt service on the bonds related to their function. Of the total debt principal, \$62,002,650, or 37%, is enterprise debt. The remaining debt principal of \$106,507,350 is supported by the taxpayers via the General Fund for City and Schools and the Fire and Rescue Fund. This tax-supported debt is paid out of the Debt Service Fund through transfers from the respective governmental funds and enterprise debt is paid directly from the appropriate enterprise funds. The estimated per capita outstanding bond principal supported by taxpayers as of June 30, 2022 will be \$3,940 - of this \$2,490 is related to the tax-supported debt of governmental funds.



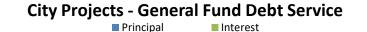
### City Projects - General Fund Debt Service

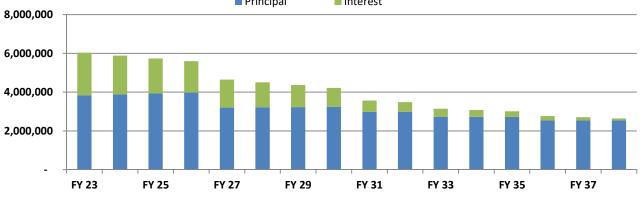
The General Fund Debt Service for City Projects for FY 2023 will be \$6,032,275 reflecting an increase of \$1,758,293 or 41.1% from prior year debt service. This increase is due to the first year of payments on the Series 2021 Bonds. General Fund debt service is tax-supported debt. The General Fund will transfer \$4,795,750 for City projects to the Debt Service Fund in FY 2023. The planned used of debt service reserves of approximately \$1.2 million begins in FY 2023 as well.

FY 2023 General Fund debt issue payments for City projects are as follows:

	<u>Amount</u>	Pay Off Year
Series 2010 D	\$ 160,650	FY 2025
Series 2016 - Refunding	\$ 810,825	FY 2026
Series 2021 - Refunding	\$ 145,340	FY 2030
Series 2014 C - Refunding	\$ 38,454	FY 2031
Series 2014 A	\$ 267,662	FY 2034
Series 2016	\$ 269,406	FY 2037
Series 2019	\$ 2,061,013	FY 2040
Series 2021	\$ 2,278,925	FY 2042

Year	Principal	Interest	Total	Year	Principal	Interest	Total
FY 2023	3,835,360	2,196,915	6,032,275	FY 2033	2,980,980	583,379	3,564,359
FY 2024	3,883,380	2,004,247	5,887,627	FY 2034	2,984,440	496,162	3,480,602
FY 2025	3,931,290	1,809,253	5,740,543	FY 2035	2,730,000	414,194	3,144,194
FY 2026	3,980,230	1,615,633	5,595,863	FY 2036	2,725,000	351,375	3,076,375
FY 2027	3,204,730	1,440,379	4,645,109	FY 2037	2,725,000 288,631		3,013,631
FY 2028	3,216,820	1,286,166	4,502,986	FY 2038	2,540,000	227,225	2,767,225
FY 2029	3,230,320	1,134,026	4,364,346	FY 2039	2,540,000	163,781	2,703,781
FY 2030	3,235,260	983,115	4,218,375	FY 2040	2,540,000	99,594	2,639,594
FY 2031	3,105,720	832,638	3,938,358	FY 2041	1,350,000	54,000	1,404,000
FY 2032	2,972,520	697,180	3,669,700	FY 2042	1,350,000	27,000	1,377,000
	34,595,630	13,999,551	48,595,181		24,465,420	2,705,341	27,170,761
				Total	\$ 59,061,050	\$ 16,704,892	\$ 75,765,942





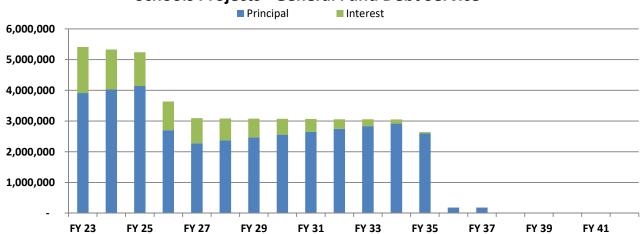
### Schools Projects - General Fund Debt Service

The General Fund Debt Service for Schools Projects for FY 2023 will be \$5,411,586, reflecting a decrease of \$92,775 or 1.7% from prior year debt service. This decrease is due debt annual roll-off. General Fund debt service is tax-supported debt. The General Fund will transfer \$6,140,400 for Schools projects to the Debt Service Fund in FY 2023, approximately \$730K above current debt service to build future debt capacity.

FY 2023 General Fund debt issue payments for Schools projects are as follows:

	<u>Amount</u>	Pay Off Year
Series 2010 D - Refunding	\$ 1,749,375	FY 2025
Series 2016 - Refunding	\$ 540,550	FY 2026
Series 2014 A	\$ 409,086	FY 2034
Series 2014 C	\$ 2,443,825	FY 2035
Series 2016	\$ 268,750	FY 2037

Year	Principal	Interest	Total	Year	Principal	Interest	Total
FY 2023	3,910,530	1,501,056	5,411,586	FY 2033	2,833,590	221,487	3,055,077
FY 2024	4,024,615	1,303,055	5,327,670	FY 2034	2,916,520	135,453	3,051,973
FY 2025	4,139,545	1,099,274	5,238,819	FY 2035	2,590,000	46,275	2,636,275
FY 2026	2,699,165	934,513	3,633,678	FY 2036	180,000	6,075	186,075
FY 2027	2,273,940	816,618	3,090,558	FY 2037	180,000	2,025	182,025
FY 2028	2,372,560	708,900	3,081,460	FY 2038	-	-	-
FY 2029	2,468,335	608,123	3,076,458	FY 2039	-	-	-
FY 2030	2,556,955	513,948	3,070,903	FY 2040	-	-	-
FY 2031	2,649,885	416,805	3,066,690	FY 2041	-	-	-
FY 2032	2,740,660	315,559	3,056,219	FY 2042	-	-	-
	29,836,190	8,217,850	38,054,040		8,700,110	411,315	9,111,425
				Total	\$ 38,536,300	\$ 8,629,166	\$ 47,165,466



## Schools Projects - General Fund Debt Service

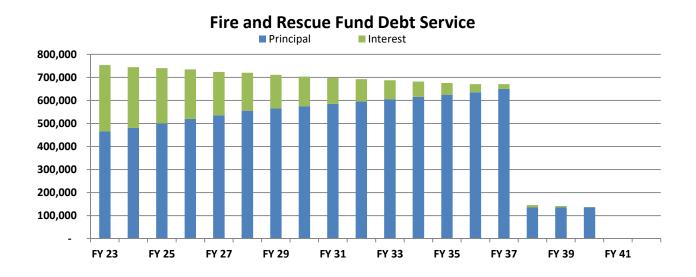
### Fire and Rescue Fund Debt Service

The Fire and Rescue Fund Debt Service for FY 2023 will be \$753,194, reflecting a minor decrease of \$7,875 or 1% from prior year debt service. This decrease is due debt annual roll-off. Fire and Rescue Fund debt service is tax-supported debt.

FY 2023 Fire and Rescue Fund debt issue payments are as follows:

	<u>Amount</u>	Pay Off Year
Series 2016 \$	520,150	FY 2037
Series 2019 \$	233,044	FY 2040

Year	Principal	Interest	Total	Year	Principal	Interest	Total
FY 2023	465,000	288,194	753,194	FY 2033	605,000	82,225	687,225
FY 2024	480,000	264,569	744,569	FY 2034	615,000	66,431	681,431
FY 2025	500,000	240,069	740,069	FY 2035	625,000	50,794	675,794
FY 2026	520,000	214,569	734,569	FY 2036	635,000	35,691	670,691
FY 2027	535,000	188,194	723,194	FY 2037	650,000	20,306	670,306
FY 2028	555,000	165,144	720,144	FY 2038	135,000	10,463	145,463
FY 2029	565,000	145,644	710,644	FY 2039	135,000	6,328	141,328
FY 2030	575,000	128,044	703,044	FY 2040	135,000	2,109	137,109
FY 2031	585,000	112,394	697,394	FY 2041	-	-	-
FY 2032	595,000	97,219	692,219	FY 2042	-	-	-
_	5,375,000	1,844,038	7,219,038		3,535,000	274,347	3,809,347
—				Total	\$ 8,910,000	\$ 2,118,385	\$ 11,028,385



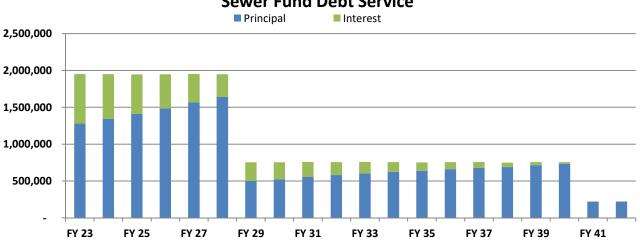
### Sewer Fund Debt Service

The Sewer Fund Debt Service for FY 2023 will be \$1,950,575, reflecting an increase of \$164,587 or 9.2% from prior year debt service. This increase is due to the first year of payments on the Series 2021 Bonds. Sewer Fund debt service is supported by sewer utility rates. The debt service schedule for the Sewer Fund does not include UOSA Debt.

FY 2023 Sewer Fund debt issue payments are as follows:

	<u>Amount</u>	Pay Off Year
Series 2014 C - Refunding	\$ 1,197,000	FY 2028
Series 2019	\$ 529,638	FY 2040
Series 2021	\$ 223,938	FY 2042

Year	Principal	Interest	Total	Year	I	Principal	Interest	Total
FY 2023	1,280,000	670,575	1,950,575	FY 2033		605,000	152,850	757,850
FY 2024	1,345,000	605,075	1,950,075	FY 2034		625,000	132,050	757,050
FY 2025	1,410,000	536,325	1,946,325	FY 2035		640,000	112,800	752,800
FY 2026	1,485,000	464,075	1,949,075	FY 2036		660,000	96,041	756,041
FY 2027	1,565,000	388,075	1,953,075	FY 2037	FY 2037 680,000 78,744		758,744	
FY 2028	1,640,000	308,075	1,948,075	FY 2038		690,000	60,694	750,694
FY 2029	500,000	254,825	754,825	FY 2039		715,000	41,375	756,375
FY 2030	525,000	229,325	754,325	FY 2040		735,000	21,103	756,103
FY 2031	555,000	202,575	757,575	FY 2041		215,000	8,700	223,700
FY 2032	580,000	176,450	756,450	FY 2042		220,000	4,400	224,400
	10,885,000	3,835,375	14,720,375			5,785,000	708,756	6,493,756
-				Total	\$	16,670,000 \$	4,544,131	\$ 21,214,131



# **Sewer Fund Debt Service**

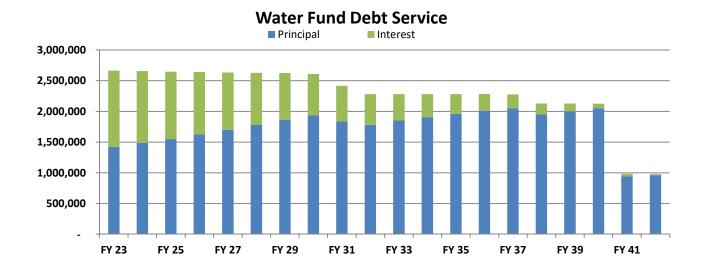
### Water Fund Debt Service

The Water Fund Debt Service for FY 2023 will be \$2,664,556, reflecting an increase of \$534,408 or 25.1% from prior year debt service. This increase is due to the first year of payments on the Series 2021 Bonds. Water Fund debt service is supported by water utility rates.

FY 2023 Water Fund debt issue payments are as follows:

	<u>Amount</u>	Pay Off Year
Series 2010 D	\$ 154,350	FY 2025
Series 2021 - Refunding	\$ 192,660	FY 2030
Series 2014 C - Refunding	\$ 36,946	FY 2031
Series 2016	\$ 150,900	FY 2037
Series 2019	\$ 1,146,050	FY 2040
Series 2021	\$ 983,650	FY 2040

Year	Principal	Interest	Total	Year	Principal	Interest	Total
FY 2023	1,423,300	1,241,256	2,664,556	FY 2033	1,850,000	430,313	2,280,313
FY 2024	1,486,150	1,169,216	2,655,366	FY 2034	1,905,000	374,350	2,279,350
FY 2025	1,549,700	1,094,159	2,643,859	FY 2035	1,960,000	321,294	2,281,294
FY 2026	1,625,400	1,015,549	2,640,949	FY 2036	2,010,000	274,263	2,284,263
FY 2027	1,698,950	933,404	2,632,354	FY 2037	2,050,000	226,069	2,276,069
FY 2028	1,777,500	848,706	2,626,206	FY 2038	1,950,000	177,775	2,127,775
FY 2029	1,861,050	762,017	2,623,067	FY 2039	2,000,000	126,966	2,126,966
FY 2030	1,936,750	672,537	2,609,287	FY 2040	2,050,000	74,178	2,124,178
FY 2031	1,834,750	579,970	2,414,720	FY 2041	945,000	38,100	983,100
FY 2032	1,780,000	499,650	2,279,650	FY 2042	960,000	19,200	979,200
	16,973,550	8,816,462	25,790,012		 17,680,000	2,062,506	19,742,506
				Total	\$ 34,653,550	\$ 10,878,968	\$ 45,532,518

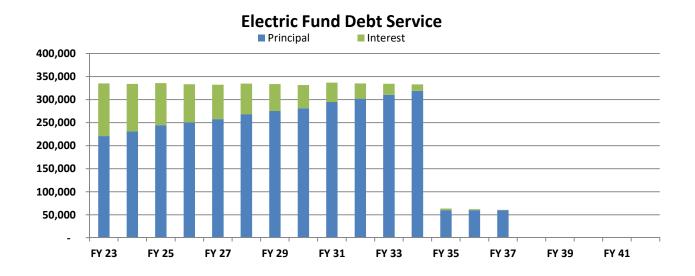


### **Electric Fund Debt Service**

The Electric Fund Debt Service for FY 2023 will be \$334,814, reflecting a minior increase of \$3,125 or 0.9% from the prior year debt service. Electric Fund debt service is supported by electric utility rates.

FY 2023 Electric Fund debt issue payments are as follows:

				<u>Amount</u>	Pay Off Year		
		Series 2014 A		\$ 272,408	FY 2034		
		Series 2016		\$ 62,406	FY 2037		
Year	Principal	Interest	Total	Year	Principal	Interest	Total
FY 2023	220,810	114,004	334,814	FY 2033	310,430	23,734	334,164
FY 2024	230,855	102,964	333,819	FY 2034	319,040	13,910	332,950
FY 2025	244,465	91,296	335,761	FY 2035	60,000	3,375	63,375
FY 2026	250,205	83,062	333,267	FY 2036	60,000	2,025	62,025
FY 2027	257,380	74,656	332,036	FY 2037	60,000	675	60,675
FY 2028	268,120	66,409	334,529	FY 2038	-	-	-
FY 2029	275,295	58,366	333,661	FY 2039	-	-	-
FY 2030	281,035	50,357	331,392	FY 2040	-	-	-
FY 2031	294,645	42,087	336,732	FY 2041	-	-	-
FY 2032	301,820	33,199	335,019	FY 2042	-	-	-
_	2,624,630	716,399	3,341,029		809,470	43,719	853,189
				Total	\$ 3,434,100	\$ 760,118 \$	4,194,218



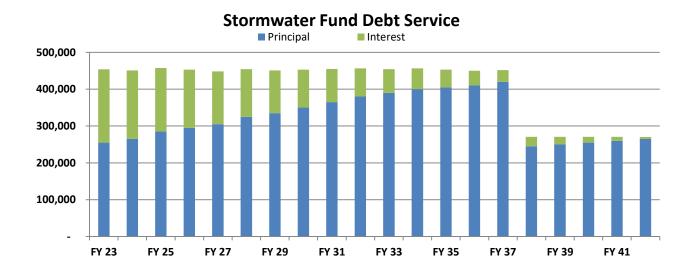
### **Stormwater Fund Debt Service**

The Stormwater Fund Debt Service for FY 2023 will be \$453,769, reflecting an increase of \$207,832 or 84.5% from prior year debt service. This increase is due to the first year of payments on the Series 2021 Bonds. Stormwater Fund debt service is supported by stormwater utility fees.

FY 2023 Stormwater Fund debt issue payments are as follows:

	4	Amount	Pay Off Year
Series 2016	\$	181,981	FY 2037
Series 2021	\$	271,788	FY 2042

Year	Principal	Interest	Total	Year	Principal		Interest	Total
FY 2023	255,000	198,769	453,769	FY 2033	390,000		64,441	454,441
FY 2024	265,000	185,894	450,894	FY 2034	400,000		56,275	456,275
FY 2025	285,000	172,394	457,394	FY 2035	405,000		47,794	452,794
FY 2026	295,000	158,019	453,019	FY 2036	4	10,000	39,831	449,831
FY 2027	305,000	143,144	448,144	FY 2037	420,000		31,725	451,725
FY 2028	325,000	129,144	454,144	FY 2038	245,000		25,500	270,500
FY 2029	335,000	115,894	450,894	FY 2039	2	50,000	20,600	270,600
FY 2030	350,000	102,844	452,844	FY 2040	2	55,000	15,600	270,600
FY 2031	365,000	89,944	454,944	FY 2041	20	60,000	10,500	270,500
FY 2032	380,000	76,444	456,444	FY 2042	20	65,000	5,300	270,300
_	3,160,000	1,372,488	4,532,488		3,3	00,000	317,566	3,617,566
-				Total	\$ 6,4	60,000	\$ 1,690,053	\$ 8,150,053



### Airport Fund Debt Service

The Airport Fund Debt Service for FY 2023 will be \$205,136, reflecting a decrease of \$36,057 or 14.9% from the prior year debt service. This decrease is due to the prepayment in full of the Series 2016 VRA Bonds. Airport Fund debt service is supported by Airport rentals and leases.

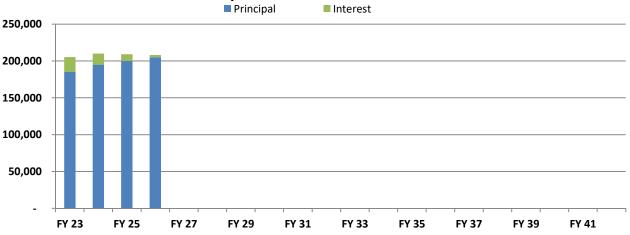
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FY 2023 Airport Fund debt issue payments are as follows:

		Series 2014 D - Refunding		<u>Amount</u> \$ 205,136	Pay Off Year FY 2026		
Year	Principal	Interest	Total	Year	Principal	Interest	Total
FY 2023	185,000	20,136	205,136	FY 2033	-	-	-
FY 2024	195,000	14,929	209,929	FY 2034	-	-	-
FY 2025	200,000	9,150	209,150	FY 2035	-	-	-
FY 2026	205,000	3,075	208,075	FY 2036	-	-	-
FY 2027	-	-	-	FY 2037	-	-	-
FY 2028	-	-	-	FY 2038	-	-	-
FY 2029	-	-	-	FY 2039	-	-	-
FY 2030	-	-	-	FY 2040	-	-	-
FY 2031	-	-	-	FY 2041	-	-	-
FY 2032	-	-	-	FY 2042	-	-	-
—	785,000	47,289	832,289		-	-	-
				Total	\$ 785,000	\$ 47,289 \$	832,289

### **Airport Fund Debt Service**



### BOND SERIES 2010 D & REFUNDING - RATE: 2.00 – 5.00%; ISSUED: \$21,545,000

General Obligation Bonds – the proceeds were issued to finance improvements for the City including roads, public safety, and water projects and to refund a portion of the Bond Series 2004 obligations of the City.

### BOND SERIES 2014 A - RATE: 3.00 - 5.00%; ISSUED: \$13,525,000

General Obligation Bonds – the proceeds were issued to finance improvements for the City including roads, drainage, school, and electric projects.

### BOND SERIES 2014 C & REFUNDING - RATE: 2.00 - 5.00%; ISSUED: \$46,895,000

General Obligation Bonds – the proceeds were issued to finance the construction of a new elementary school and to refund a portion of the Bond Series 2005 B, Bond Series 2007 VML/VACO and Bond Series 2010 D obligations of the City.

### BOND SERIES 2014 D REFUNDING - RATE: 0.50 – 3.00%; ISSUED: \$1,700,000

General Obligation Bonds – the proceeds were issued to refund a portion of the Bond Series 2005 C obligations of the City.

### BOND SERIES 2016 & REFUNDING - RATE: 2.00 - 5.00%; ISSUED: \$29,495,000

General Obligation Bonds – the proceeds were issued to finance the acquisition, construction, extension, renovation and equipping of public school, public safety, utility and general governmental improvements and to refund a portion of the Bond Series 2014 A and Bond Series 2014 B obligations of the City.

### BOND SERIES 2019 - RATE: 2.875 - 5.00%; ISSUED: \$50,200,000

General Obligation Bonds – the proceeds were issued to finance the acquisition, construction, extension, replacement, renovation and equipping of public safety, parks, culture and recreation, transportation, utility and general governmental improvements.

### BOND SERIES 2021 & REFUNDING - RATE: 1.75 - 5.00%; ISSUED: \$52,285,000

General Obligation Bonds – the proceeds were issued to finance the acquisition, construction, extension, replacement, renovation and equipping of public safety, parks, culture and recreation, transportation, utility and general governmental improvements and to refund a portion of the Bond Series 2010 ABC VML/VACO obligations of the City.