
Capital Improvements Program



Capital Improvements Program (CIP) Summary

Capital Improvements Program (CIP)

The Capital Improvements Program (CIP) represents a guide for financial decisions, annual budgeting, and the coordination of major public investments in the preservation and expansion of the Town's fixed asset infrastructure. The Town's comprehensive plan provides guidance for managing development, services, and public infrastructure. The CIP is designed to promote the development of infrastructure consistent with the Town Plan. Beginning in Fiscal Year 2021, the Utilities Repair, Replacement and Rehabilitation (3-R) Program was transitioned to the Town's CIP to reflect the total capital investment of the Utilities Fund.

A capital project is defined as a construction, renovation or demolition project, or acquisition of land or other assets, valued more than \$60,000, and with a useful life in excess of five years. A Capital Asset Replacement Program (CARP) project is defined as a planned non-recurring renovation, replacement, or repair of an asset valued at \$5,000 or more and a useful life of two years or more. The CIP includes capital projects, continuing programs, and capital equipment. This plan shows how the Town will address its public facility and other infrastructure needs, and the types of funding available over the next six years. In Fiscal Year 2023, total CIP investments are \$52,852,100.

How the CIP is Organized

The Capital Improvements Program is divided by fund and into the following functional areas:

Capital Projects Fund

- Administration
- General Government
- Parks & Recreation
- Streets & Highways
- Storm Drainage
- Airport
- Utilities

Each functional area begins with a summary page which includes financial information detailing the sources and uses by project. Each summary page depicts funding sources with pie charts using the following convention:

- **Bonds** - General Obligation & Utilities Bonds
- **PAY-GO** - Pay-as-you-go funding (cash)
- **Intergovernmental** - Federal, State, Loudoun County, & Northern Virginia Transportation Authority (NVTA)
- **Proffers & Donations** - Proffers & Monetary Donations

The Uses by Project pie charts reference each project by number as listed in the table formats. This format helps the reader cross-reference financial information. Project pages within each functional area provide additional details on project status, description, goals, and significant dates. Each project page contains project-specific funding source and use information, as well as required funding, costs, including project management costs, projected schedule by fiscal year, and any continuing operating costs.

The following projects from last year's CIP are completed or are anticipated to be completed during calendar year 2022:

Project Title (Project Number)- Expected Completion:

1. **Ida Lee Park Tennis Court - Air Structure (25202)** - Summer 2022
2. **Bus Shelters - Townwide (20003)** - Summer 2022
3. **Edwards Ferry Road Sidewalk, Bus Shelters & Bus Route Signs (19004)** - Completed
4. **Sycolin Road Widening Phase IV (15301)** - Completed
5. **Royal Street SE Storm Drainage Improvements (20007)** - Summer 2022
6. **Tuscarora Creek Flood Mitigation (06306)** - Completed
7. **Tuscarora Creek Restoration - TMDL (16301)** - Completed
8. **Water Pollution Control Facility Digester Boiler Replacement (20502)** - Completed
9. **Water Pollution Control Facility Gas Train Replacement (20501)** - Completed
10. **Various Water and Sewer Line Replacements (20505 & 20506): Cornwall Water Line Replacement, Market Street Water and Sewer Line Replacement** - Completed
11. **Airport Maintenance Storage Facility (19001)** - Summer 2022

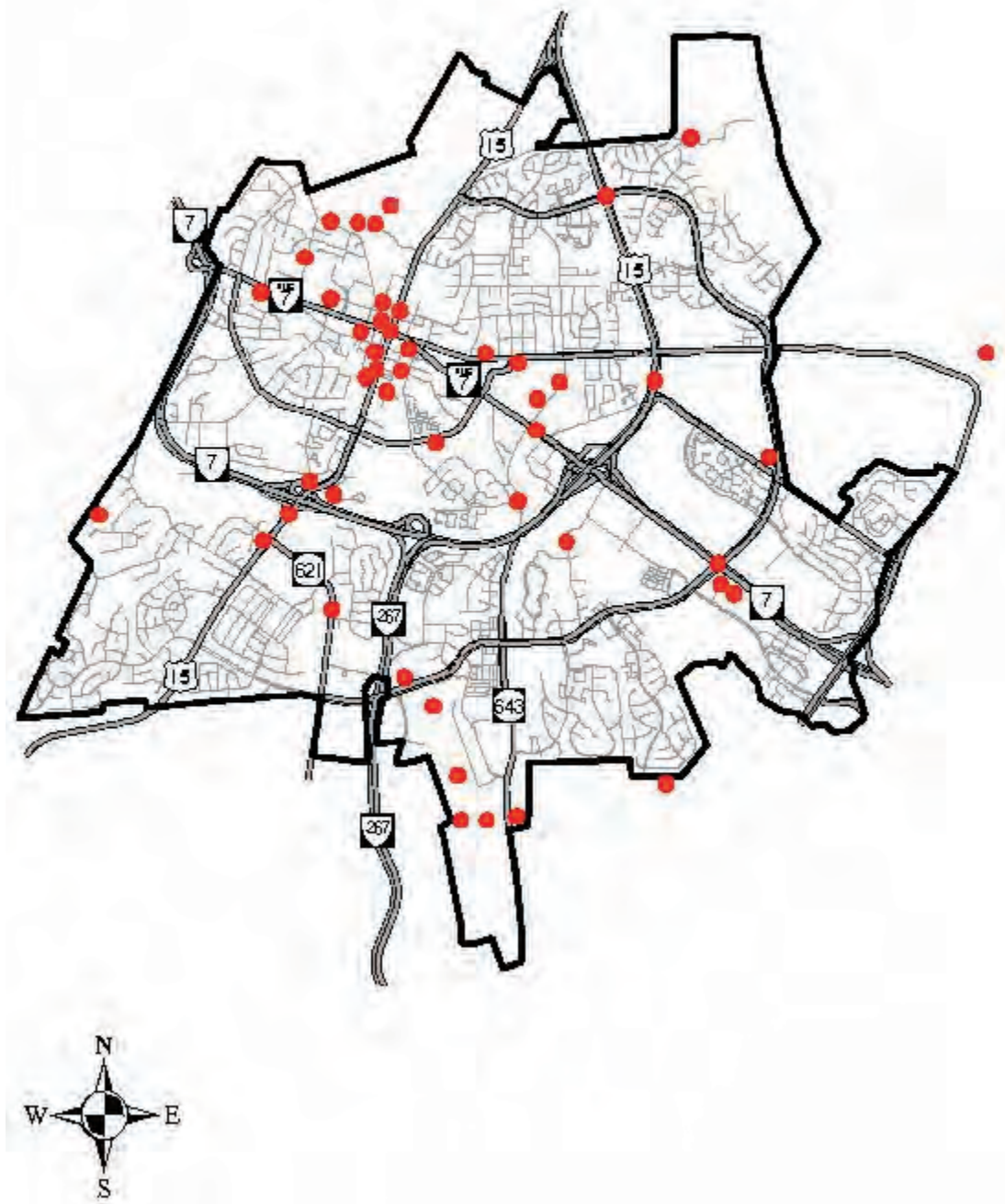
The FY 2023-28 CIP includes 14 new projects:

Project Title (Project Number)- CIP Category:

1. **Excavated Materials Holding and Drying Facility - Public Works Portion (23107)** - General Government
2. **Second Fiber Connect to Leesburg Police Department (23104)** - General Government
3. **16 Wirt Street Facility (23105)**- General Government
4. **Town Hall Fire System Upgrade (24101)** - General Government
5. **Town-wide Video Storage (23106)** - General Government
6. **Old Waterford Road Trail to Morven Park (28202)**- Parks and Recreation
7. **Church Street Sidewalk Missing Link (27302)** - Streets and Highways
8. **North Street Improvements (King Street to Old Waterford Road) (28301)** - Streets and Highways
9. **South King Street Improvements (W&OD Trail to Royal Street) (27303)** - Streets and Highways
10. **Traffic Signal - Fiber Connection (23303)** - Streets and Highways
11. **Valley View Sidewalk - Davis to Barricade (28302)** - Streets and Highways
12. **Miscellaneous Storm Drainage Construction and Repair (23403)** - Storm Drainage
13. **Water Treatment Plant Electrical Upgrades (23506)** - Utilities
14. **Water Storage Tank Recoating - Hogback Tank (28501)** - Utilities

Capital Improvements Program (CIP) Map

The FY 2023-2028 Capital Improvements Program (CIP) details 81 projects in the Town of Leesburg. The map below depicts specific project locations within the town limits. The CIP also includes town-wide projects within town limits, which are further detailed within their prescribed sections of the CIP.



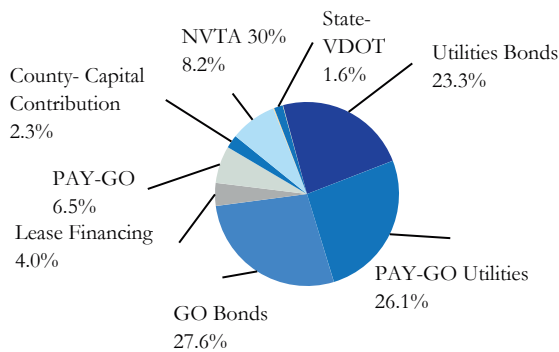
Sources by Fund

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025-2028	Total for 6 Yr CIP	Future Funds Required
Capital Projects Fund							
GO Bonds	\$84,709,150	\$25,222,600	\$14,032,800	\$8,458,650	\$34,402,100	\$56,893,550	\$2,593,000
Lease Financing	14,000,000	1,700,000	2,050,000	2,050,000	8,200,000	12,300,000	—
PAY-GO	14,902,540	2,761,500	3,315,540	1,897,850	6,927,650	12,141,040	—
Proffers	4,342,800	3,512,000	—	—	830,800	830,800	—
Private Contribution	50,000	—	—	—	50,000	50,000	—
County- Capital Contribution	11,800,000	10,609,000	1,191,000	—	—	1,191,000	—
NVTA 30%	23,926,950	7,570,200	6,270,500	809,810	9,276,440	16,356,750	—
NVTA 70%	126,585,000	69,585,000	—	—	—	—	57,000,000
State - DEQSLAF	1,000,000	—	—	1,000,000	—	1,000,000	—
State - DOAV	3,959,060	251,700	80,000	908,400	2,098,960	3,087,360	620,000
State-VDOT	203,050,890	25,805,800	788,500	368,240	15,408,750	16,565,490	160,679,600
Federal - FAA	37,942,000	4,353,200	35,000	2,965,500	23,613,300	26,613,800	6,975,000
Federal - CDBG	—	—	—	—	—	—	—
Total Capital Projects Fund	\$526,268,390	\$151,371,000	\$27,763,340	\$18,458,450	\$100,808,000	\$147,029,790	\$227,867,600
Utilities Fund							
Utilities Bonds	\$113,613,535	\$7,370,585	\$11,842,200	\$7,643,550	\$15,962,200	\$35,447,950	\$70,795,000
PAY-GO Utilities	109,413,465	5,824,215	13,275,000	9,479,550	23,729,700	46,484,250	57,105,000
Total Utilities Fund	\$223,027,000	\$13,194,800	\$25,117,200	\$17,123,100	\$39,691,900	\$81,932,200	\$127,900,000
Total Sources	\$749,295,390	\$164,565,800	\$52,880,540	\$35,581,550	\$140,499,900	\$228,961,990	\$355,767,600

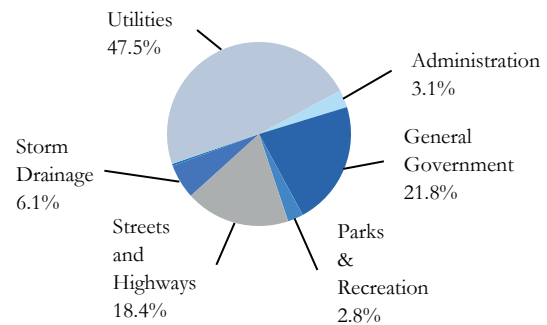
Uses by CIP Category

Category/Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025-2028	Total for 6 Yr CIP	Future Project Cost
Administration	\$10,191,040	\$—	\$1,615,540	\$1,647,850	\$6,927,650	\$10,191,040	\$—
General Government	57,034,400	23,094,400	11,550,000	5,900,000	16,490,000	33,940,000	—
Parks & Recreation	13,651,800	7,317,000	1,463,000	10,000	4,861,800	6,334,800	—
Streets and Highways	388,131,950	111,639,400	9,737,800	4,342,600	42,502,550	56,582,950	219,909,600
Storm Drainage	6,393,200	249,200	3,206,000	2,338,000	600,000	6,144,000	—
Airport	50,866,000	9,071,000	191,000	4,220,000	29,426,000	33,837,000	7,958,000
Utilities	223,027,000	13,194,800	25,117,200	17,123,100	39,691,900	81,932,200	127,900,000
Total Uses	\$749,295,390	\$164,565,800	\$52,880,540	\$35,581,550	\$140,499,900	\$228,961,990	\$355,767,600

CIP Sources by Type (2023)



CIP Uses by Category (2023)



Project Summary

Project Name	Total Project Cost	Expended through 6/30/22	2023	2024	2025-2028	Total for 6 Yr CIP	Future Project Cost	Page No.
Administration								
Capital Projects Administration (ADMIN)	\$10,191,040	\$—	\$1,615,540	\$1,647,850	\$6,927,650	\$10,191,040	\$—	168
Total Administration	\$10,191,040	\$—	\$1,615,540	\$1,647,850	\$6,927,650	\$10,191,040	\$—	
General Government								
Capital Asset Replacement Program (CARP)	\$14,000,000	\$1,700,000	\$2,050,000	\$2,050,000	\$8,200,000	\$12,300,000	\$—	170
Downtown Street Lights Phase II (22102)	2,270,000	—	260,000	2,010,000	—	2,270,000	—	172
Excavated Materials Holding and Drying Facility - Public Works Portion (23107)	555,000	—	105,000	450,000	—	555,000	—	173
Second Fiber Connect to Leesburg Police Department (23104)	350,000	—	350,000	—	—	350,000	—	174
Police Station Expansion (20001)	23,254,400	16,564,400	6,390,000	300,000	—	6,690,000	—	175
16 Wirt Street Facility (23105)	1,020,000	400,000	620,000	—	—	620,000	—	176
Town Hall Fire System Upgrade (24101)	400,000	—	—	75,000	325,000	400,000	—	177
Town Hall Parking Garage Structural Repairs (23102)	1,285,000	—	770,000	310,000	205,000	1,285,000	—	178
Town Shop Expansion and Refurbishment (23101)	13,400,000	4,430,000	505,000	705,000	7,760,000	8,970,000	—	179
Town-wide Video Storage (23106)	500,000	—	500,000	—	—	500,000	—	180
Total General Government	\$57,034,400	\$23,094,400	\$11,550,000	\$5,900,000	\$16,490,000	\$33,940,000	\$—	
Parks & Recreation								
AV Symington Aquatic Center Water Play Area (21201)	\$520,000	\$—	\$—	\$—	\$520,000	\$520,000	\$—	182
Ida Lee Park Tennis Court - Pickleball - Junior Tennis Courts (25203)	401,200	—	—	—	401,200	401,200	—	183
Ida Lee Recreation Center - Indoor Pool Roof Rehabilitation (20201)	1,846,000	1,841,000	5,000	—	—	5,000	—	184
Old Waterford Road Trail to Morven Park (28202)	1,588,000	—	—	—	1,588,000	1,588,000	—	185
Town Hall Campus Improvements Phase I (21202)	829,000	617,000	212,000	—	—	212,000	—	186
Tuscarora Creek Trail Phase I (22201)	1,915,000	659,000	1,246,000	10,000	—	1,256,000	—	187
Veterans Park at Balls Bluff (21203)	4,200,000	4,200,000	—	—	—	0	—	188
Washington & Old Dominion Trail Lighting (25201)	2,352,600	—	—	—	2,352,600	2,352,600	—	189
Total Parks & Recreation	\$13,651,800	\$7,317,000	\$1,463,000	\$10,000	\$4,861,800	\$6,334,800	\$—	
Streets & Highways								
Ayr Street NW Sidewalk Improvements (27301)	\$1,600,000	\$—	\$—	\$—	\$1,600,000	\$1,600,000	\$—	193
Battlefield Parkway / Route 15 Bypass Interchange (20004)	59,355,000	2,090,000	35,000	—	—	35,000	57,230,000	194
Catoctin Circle Trail - Phase II (25301)	1,080,000	—	265,000	45,000	770,000	1,080,000	—	195
Church Street Sidewalk - Missing Link (27302)	498,000	—	—	—	498,000	498,000	—	196
Church Street, South Street, Harrison Street Improvements (24301)	2,887,000	—	—	—	2,887,000	2,887,000	—	197
Davis Court Bridge Conversion (21301)	619,000	112,000	—	—	507,000	507,000	—	198
East Market Street & Battlefield Parkway Interchange (15303)	77,516,300	77,166,300	350,000	—	—	350,000	—	199

Project Summary

Project Name	Total Project Cost	Expended through 6/30/22				Total for 6 Yr CIP	Future Project Cost	Page No.
			2023	2024	2025-2028			
East Market Street Improvements (Plaza Street NE to Fort Evans Road NE) (22302)	128,500	123,500	5,000	—	—	5,000	—	200
Edwards Ferry Road NE Sidewalk Improvements (20006)	1,610,200	1,384,200	226,000	—	—	226,000	—	201
Evergreen Mill Road Widening (15302)	26,922,000	16,211,000	3,170,000	2,010,000	5,531,000	10,711,000	—	202
King Street Improvements - Market Street to North Street (25304)	3,793,000	—	—	—	3,793,000	3,793,000	—	203
Market Street/King Street Intersection and Alley Between 3 and 5 South King Street Improvements (17016)	2,594,000	1,186,000	1,408,000	—	—	1,408,000	—	204
Miscellaneous Roadway, Pedestrian, and ADA Projects (20005)	6,300,200	—	807,800	1,008,600	4,483,800	6,300,200	—	205
Monroe Street & Madison Court Improvements (25302)	2,831,000	—	—	—	2,831,000	2,831,000	—	206
Morven Park Road Sidewalk (14301)	5,838,200	3,424,200	2,404,000	10,000	—	2,414,000	—	207
North Street Improvements - King Street to Old Waterford Road (28301)	1,500,000	—	—	—	260,000	260,000	1,240,000	208
Plaza Street Sidewalk (25303)	1,073,750	—	190,000	220,000	663,750	1,073,750	—	209
Royal Street Improvements - Church Street to Wirt Street (23301)	3,583,000	—	567,000	530,000	2,486,000	3,583,000	—	210
Route 15 Bypass/Edwards Ferry Road Interchange (09307)	184,078,800	9,942,200	60,000	60,000	13,337,000	13,457,000	160,679,600	211
South King Street Bridge over Tuscarora Creek Deck Replacement (23302)	209,000	—	—	209,000	—	209,000	—	212
South King Street Improvements - W&OD Trail to Royal Street (27303)	1,790,000	—	—	—	1,780,000	1,780,000	10,000	213
Traffic Signal - Sycolin Road & Gateway Drive (24302)	895,000	—	—	—	895,000	895,000	—	214
Traffic Signal Fiber Connections (23303)	500,000	—	250,000	250,000	—	500,000	—	215
Valley View Avenue Sidewalk - Davis Avenue to Barricade (28302)	930,000	—	—	—	180,000	180,000	750,000	216
Total Streets & Highways	\$388,131,950	\$111,639,400	\$9,737,800	\$4,342,600	\$42,502,550	\$56,582,950	\$219,909,600	
Storm Drainage								
Lawson Road Pedestrian Crossing of Tuscarora Creek (27401)	\$1,487,200	\$249,200	\$1,136,000	\$102,000	\$—	\$1,238,000	\$—	218
Liberty Street SW Storm Drainage Improvements (23401)	673,000	—	—	673,000	—	673,000	—	219
Miscellaneous Storm Drainage Construction & Repair (23403)	1,200,000	—	200,000	400,000	600,000	1,200,000	—	220
Town Branch Stream Channel Improvements at Mosby Drive - Catocin Circle to Morven Park Road (23402)	3,033,000	—	1,870,000	1,163,000	—	3,033,000	—	221
Total Storm Drainage	\$6,393,200	\$249,200	\$3,206,000	\$2,338,000	\$600,000	\$6,144,000	\$—	
Airport								
Airport Apron Paving (23001)	\$2,819,000	\$167,000	\$44,000	\$2,608,000	\$—	\$2,652,000	\$—	224
Airport FBO Hangar Purchase (22001)	3,010,000	—	—	—	3,010,000	3,010,000	—	225
Airport North Apron Paving - Hangars C & D Rehabilitation (23004)	936,000	—	115,000	821,000	—	936,000	—	226
Airport North Hangars (19002)	8,929,000	8,904,000	20,000	5,000	—	25,000	—	227

Project Summary

Project Name	Total Project Cost	Expended through 6/30/22	2023			Total for 6 Yr CIP	Future Project Cost	Page No.
			2023	2024	2025-2028			
Airport Parallel Taxiway Relocation (23002)	\$13,688,000	\$—	\$—	\$36,000	\$13,644,000	\$13,680,000	\$8,000	228
Airport RPZ Land Acquisition (25002)	2,835,000	—	—	—	2,835,000	2,835,000	—	229
Airport Runway Pavement Rehabilitation (23003)	10,303,000	—	12,000	710,000	9,581,000	10,303,000	—	230
Airport West Side Land Development (25001)	8,346,000	—	—	40,000	356,000	396,000	7,950,000	231
Total Airport	\$50,866,000	\$9,071,000	\$191,000	\$4,220,000	\$29,426,000	\$33,837,000	\$7,958,000	
Utilities								
Automated Water Meter Reading and Meter Technology System Upgrade (25501)	\$7,000,000	\$—	\$1,000,000	\$6,000,000	\$—	\$7,000,000	\$—	235
Enhanced Multi-Barrier Treatment Technology (22501)	2,880,800	2,880,800	—	—	—	—	—	236
Excavated Materials Holding and Drying Facility - Utilities Portion (23501)	778,000	—	50,000	728,000	—	778,000	—	237
Lower Sycolin Sanitary Sewer Pump Station Third Pump (22502)	400,000	400,000	—	—	—	—	—	238
Sanitary Sewer Pump Station Upgrades (20503)	6,943,900	4,453,000	778,100	778,800	934,000	2,490,900	—	239
Town-wide Sanitary Sewer Improvements and Repairs (20506)	4,374,400	—	687,200	660,500	3,026,700	4,374,400	—	240
Town-wide Waterline Improvements and Repairs (20505)	10,300,600	—	4,289,200	609,900	5,401,500	10,300,600	—	242
Utility System Storage Facility (21501)	4,345,000	1,548,700	2,796,300	—	—	2,796,300	—	244
Water Plant Master Plan and Conditions Assessment (22508)	62,000,000	2,000,000	—	—	—	—	60,000,000	245
Water Pollution Control Facility Backup Generator (24501)	1,139,300	—	—	1,139,300	—	1,139,300	—	246
Water Pollution Control Facility Chemical Building Addition (24502)	4,258,000	—	—	—	4,258,000	4,258,000	—	247
Water Pollution Control Facility Debris Screen System (23502)	4,184,600	150,000	4,034,600	—	—	4,034,600	—	248
Water Pollution Control Facility Digester Dome Replacements (25502)	3,500,000	—	—	360,000	3,140,000	3,500,000	—	249
Water Pollution Control Facility Dryer Drum Replacement (25503)	1,600,000	—	1,600,000	—	—	1,600,000	—	250
Water Pollution Control Facility Master Plan and Conditions Assessment (22509)	69,100,000	1,200,000	—	—	—	—	67,900,000	251
Water Pollution Control Facility Odor Control And Biofilter Media Replacement (25504)	2,251,500	—	—	1,125,500	1,126,000	2,251,500	—	252
Water Pollution Control Facility Storage Tanks - Re-coating & Rehabilitation (18002)	4,077,000	—	978,300	1,009,000	2,089,700	4,077,000	—	253
Western Pressure Zone Pump Station Backup Generator (27503)	750,000	—	—	81,000	669,000	750,000	—	254
Water Storage Tank Recoating - Carr Tank I (27501)	1,355,000	—	—	—	1,355,000	1,355,000	—	255
Water Storage Tank Recoating - Carr Tank II (25505)	1,328,300	—	—	—	1,328,300	1,328,300	—	256
Water Storage Tank Recoating Hogback Tank (28501)	1,355,000	—	—	—	1,355,000	1,355,000	—	257

Project Summary

Project Name	Total Project Cost	Expended through 6/30/22	2023	2024	2025-2028	Total for 6 Yr CIP	Future Project Cost	Page No.
Water Storage Tank Recoating - Sycolin Road Tank (27502)	1,355,000	—	—	—	1,355,000	1,355,000	—	258
Water Supply and Wastewater SCADA Systems Replacement (22504)	3,192,500	562,300	2,630,200	—	—	2,630,200	—	259
Water Source and Supply Emergency Interconnects (23504)	3,189,400	—	—	—	3,189,400	3,189,400	—	260
Water Treatment Plant Electrical Upgrades (23506)	2,000,000	—	2,000,000	—	—	2,000,000	—	261
Water Treatment Plant Sludge Disposal Improvements (23505)	1,638,200	—	232,500	1,405,700	—	1,638,200	—	262
Utilities Repair, Replacement and Rehabilitation (3-R)	17,730,500	—	4,040,800	3,225,400	10,464,300	17,730,500	—	263
Total Utilities	\$223,027,000	\$13,194,800	\$25,117,200	\$17,123,100	\$39,691,900	\$81,932,200	\$127,900,000	
Total Uses by Project	\$749,295,390	\$164,565,800	\$52,880,540	\$35,581,550	\$140,499,900	\$228,961,990	\$355,767,600	



Administration

The Administration of Capital Projects Fund is comprised of the funding requirements for the administrative support of the projects, project feasibility studies, and other costs indirectly associated with the management of the capital projects included in the FY 2023-28 Capital Improvements Program. Direct project management costs are included and funded in each separate project throughout the Capital Improvements Program.

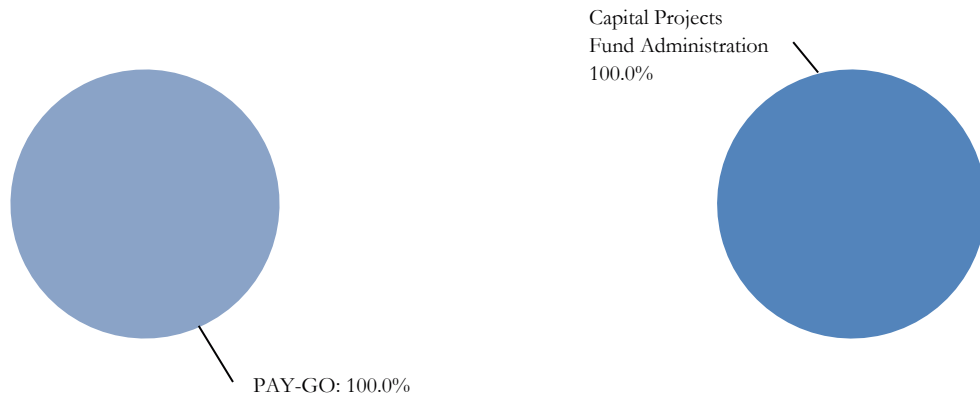
Sources of Funding

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025-2028	Total for 6 Yr CIP	Future Funds Required
Capital Projects Fund							
PAY-GO	10,191,040	—	1,615,540	1,647,850	6,927,650	10,191,040	—
Total Capital Projects Fund	\$10,191,040	\$—	\$1,615,540	\$1,647,850	\$6,927,650	\$10,191,040	\$—
Total Sources	\$10,191,040	\$—	\$1,615,540	\$1,647,850	\$6,927,650	\$10,191,040	\$—

Uses by Project

Projects	Total Project Cost	Expended through 6/30/22	2023	2024	2025-2028	Total for 6 Yr CIP	Future Project Cost
Capital Projects Administration (ADMIN)	\$10,191,040	\$—	\$1,615,540	\$1,647,850	\$6,927,650	\$10,191,040	\$—
Total Uses	\$10,191,040	\$—	\$1,615,540	\$1,647,850	\$6,927,650	\$10,191,040	\$—

Sources by Type (2023)	Uses by Project (2023)
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TITLE: Capital Projects (ADMIN)

STATUS: Construction

LOCATION: Town-wide

PROGRAM DESCRIPTION: Administration of the Capital Projects Fund reflects the staff in varying General Fund departments and the Office of Capital Projects within the Department of Public Works and Capital Projects who directly and indirectly administer and manage all aspects of the projects included in the Town's Capital Improvements Program (CIP). These efforts are provided by most of the General Fund departments' staff but notably the Town Attorney's Office, Public Works and Capital Projects, Finance and Administrative Services, and the Town Manager's Office. Administrative efforts include managing engineering and design, acquiring property rights, coordinating with outside utility companies, managing the preparation of environmental documents and permits, and managing and inspecting construction contracts for the projects. These efforts include procuring outside services of engineers, surveyors, appraisers, environmental firms, and contractors; public outreach to residents; applying for outside funding; administration of funding grants; and coordination with federal, state, regional and local funding and review agencies. Capital Projects staff is responsible for preparing studies and evaluating potential future capital projects.

OPERATING IMPACT: None.

GOAL ADDRESSED: 2012 Town Plan • The goal of Chapter 10 - Community Facilities and Services is for Leesburg to be served by community facilities and services in a cost-effective, equitable, and environmentally sensitive manner.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Ongoing	Ongoing

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
PAY-GO	\$10,191,040	-	\$1,615,540	\$1,647,850	\$1,680,810	\$1,714,430	\$1,748,720	\$1,783,690	\$10,191,040	-
Total Sources	\$10,191,040	\$—	\$1,615,540	\$1,647,850	\$1,680,810	\$1,714,430	\$1,748,720	\$1,783,690	\$10,191,040	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Administrative Overhead	\$10,191,040	-	\$1,615,540	\$1,647,850	\$1,680,810	\$1,714,430	\$1,748,720	\$1,783,690	\$10,191,040	-
Total Uses	\$10,191,040	\$—	\$1,615,540	\$1,647,850	\$1,680,810	\$1,714,430	\$1,748,720	\$1,783,690	\$10,191,040	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

General Government

Capital projects in the General Government category include continued investments in downtown improvements such as street lighting, sidewalk, and road improvements; investments to Town facilities; and the expansion of the Police Station and Town Shop. In Fiscal Year 2019, the Capital Asset Replacement Program was transitioned from the Capital Asset Replacement Fund to the Town’s Capital Improvements Program and is included in the General Government category. The total cost of General Government projects for Fiscal Year 2023 is \$11,500,000.

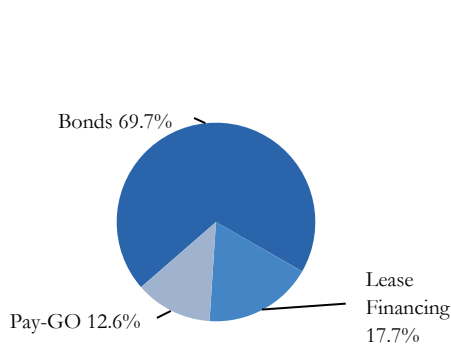
Sources of Funding

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025-2028	Total for 6 Yr CIP	Future Funds Required
Capital Projects Fund							
GO Bonds	\$36,984,400	\$16,794,400	\$8,050,000	\$3,850,000	\$8,290,000	\$20,190,000	\$—
Lease Financing	14,000,000	1,700,000	2,050,000	2,050,000	8,200,000	12,300,000	—
PAY-GO	3,650,000	2,200,000	1,450,000	—	—	1,450,000	—
Proffers	2,400,000	2,400,000	—	—	—	—	—
Total Capital Projects Fund	\$57,034,400	\$23,094,400	\$11,550,000	\$5,900,000	\$16,490,000	\$33,940,000	\$—
Total Sources	\$57,034,400	\$23,094,400	\$11,550,000	\$5,900,000	\$16,490,000	\$33,940,000	\$—

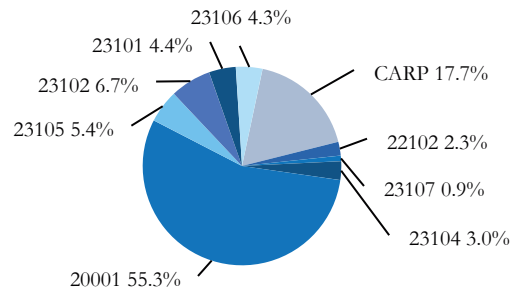
Uses by Project

Projects	Total Project Cost	Expended through 6/30/22	2023	2024	2025-2028	Total for 6 Yr CIP	Future Project Cost
Capital Asset Replacement Program (CARP)	\$14,000,000	\$1,700,000	\$2,050,000	\$2,050,000	\$8,200,000	\$12,300,000	—
Downtown Street Lights Phase II (22102)	2,270,000	—	260,000	2,010,000	—	2,270,000	—
Excavated Materials Holding and Drying Facility - Public Works Portion (23107)	555,000	—	105,000	450,000	—	555,000	—
Second Fiber Connect to Leesburg Police Department (23104)	350,000	—	350,000	—	—	350,000	—
Police Station Expansion (20001)	23,254,400	16,564,400	6,390,000	300,000	—	6,690,000	—
16 Wirt Street Facility (23105)	1,020,000	400,000	620,000	—	—	620,000	—
Town Hall Fire System Upgrade (24101)	400,000	—	—	75,000	325,000	400,000	—
Town Hall Parking Garage Structural Repairs (23102)	1,285,000	—	770,000	310,000	205,000	1,285,000	—
Town Shop Expansion and Refurbishment (23101)	13,400,000	4,430,000	505,000	705,000	7,760,000	8,970,000	—
Town-wide Video Storage (23106)	500,000	—	500,000	—	—	500,000	—
Total Uses	\$57,034,400	\$23,094,400	\$11,550,000	\$5,900,000	\$16,490,000	\$33,940,000	\$—

Sources by Type (2023)



Uses by Project (2023)



TITLE: Capital Asset Replacement Program (CARP)

STATUS: Ongoing

LOCATION: Town-wide

PROGRAM DESCRIPTION: The Capital Asset Replacement Program (CARP) provides funding for the repair, renovation, and replacement of General Fund fixed assets including equipment, facilities, information technology infrastructure, and vehicles/apparatus. In FY 2019, the CARP transitioned from the Capital Asset Replacement Fund to the Capital Projects Fund to be included in the Town's Capital Improvements Program. Further, in FY 2018 CARP began utilizing short-term, leasing financing for the recurring, annual asset replacement requirements. Other financing sources, when available, are utilized in order to address replacement requirements. Per the Town Council's Long Term Financial Sustainability Plan, excess unassigned fund balance in the General Fund is to be used toward funding the CARP.

OPERATING IMPACT: Replacement of aging equipment, vehicles and infrastructure in many cases should result in recurring, operating cost savings.

GOAL ADDRESSED: Town Council Focus Area- Fiscal/ Financial Issues • Develop a master plan for maintaining, upgrading and replacing infrastructure inclusive of a funding strategy.

- Develop a capital maintenance program as part of the Capital Improvements Program inclusive of life cycle costs.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Ongoing	Ongoing



Funding Sources

Sources	Total Required Project Funding	Funded Through 06/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Lease Financing	\$12,300,000	\$—	\$2,050,000	\$2,050,000	\$2,050,000	\$2,050,000	\$2,050,000	\$2,050,000	\$12,300,000	\$—
Total Sources	\$12,300,000	\$—	\$2,050,000	\$2,050,000	\$2,050,000	\$2,050,000	\$2,050,000	\$2,050,000	\$12,300,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Facility Repair/Renovation	\$2,715,000	—	\$465,000	\$490,000	\$410,000	\$425,000	\$450,000	\$475,000	\$2,715,000	\$—
IT Infrastructure	450,000	—	70,000	70,000	75,000	75,000	80,000	80,000	450,000	—
Motor Vehicle Equipment/Apparatus	8,080,000	—	1,295,000	1,340,000	1,415,000	1,390,000	1,335,000	1,305,000	8,080,000	—
Recreation Equipment	400,000	—	120,000	50,000	50,000	60,000	60,000	60,000	400,000	—
Street Infrastructure	655,000	—	100,000	100,000	100,000	100,000	125,000	130,000	655,000	—
Total Uses	\$12,300,000	\$—	\$2,050,000	\$2,050,000	\$2,050,000	\$2,050,000	\$2,050,000	\$2,050,000	\$12,300,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

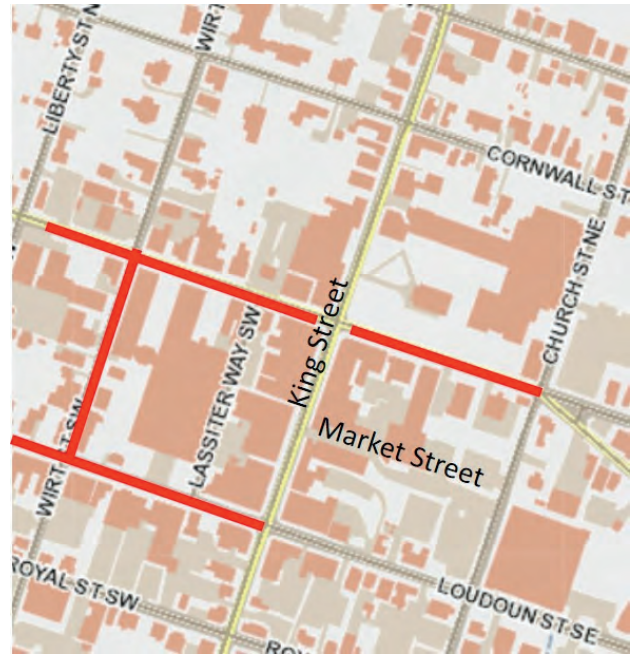
FY 2023 Capital Asset Replacement Program (CARP) List

Asset/Project	Estimated Cost
FACILITY REPAIR/ RENOVATION	
Airport - Terminal HVAC Unit Replacement	\$30,000
Airport - Federal Aviation Administration (FAA) HVAC Unit Replacement	30,000
Library - Facility Improvements	50,000
Parks & Rec. - White Coating of Main and Auxiliary Pools	100,000
Parks & Rec. - Painting of 4 Outdoor Tennis Courts	60,000
Parks & Rec. - Replace Rope Fencing around Pool Deck	50,000
Parks & Rec. - Field Maintenance / Replace 7 Yard Hydrants	40,000
PW&CP - Rooftop Unit at Rec. Center Main Hallway	105,000
Facility Repair / Renovation Subtotal	\$465,000
INFORMATION TECHNOLOGY EQUIPMENT	
IT - Networking Equipment	50,000
IT - Wireless Access Points	20,000
Information Technology Equipment Subtotal	\$70,000
MOTOR VEHICLE/ EQUIPMENT/ APPARATUS	
Airport - Electric Scissor-Lift	\$16,000
Police - 8 Vehicles	406,000
PW&CP - 2 Pickup Trucks	88,000
PW&CP - Heavy Truck Lift	80,000
PW&CP - Dump Truck with Plow and Spreader	205,000
PW&CP - Large Truck with Plow and Spreader	110,000
PW&CP - Backhoe	265,000
PW&CP - Brush Chipper	85,000
Planning & Zoning - Pickup Truck	40,000
Motor Vehicle/ Equipment/ Apparatus Subtotal	\$1,295,000
RECREATION EQUIPMENT	
Ida Lee Recreation Fitness Room Exercise Equipment	\$120,000
Recreation Equipment Subtotal	\$120,000
STREET INFRASTRUCTURE	
Traffic Signal Rehabilitation/ Replacement	\$100,000
Street Infrastructure Subtotal	\$100,000
FY 2023 Capital Asset Replacement Program Total	\$2,050,000

TITLE: Downtown Street Lights Phase II (22102)

STATUS: New

PROGRAM DESCRIPTION: The Downtown Street Lighting project was begun as a previous CIP project to replace existing cobra-style streetlights with new historically appropriate fixtures on pedestal poles. Existing streetlight poles are old and rusted and need to be replaced. The initial project replaced lights on King Street (between Market Street and just past Loudoun Street) and Loudoun Street (between King Street and Market Street). Additional street lights are planned to be replaced as part of the Market and King Storm Improvements project for that intersection and the updated N King Improvements from Market Street to North Street Projects. The remaining improvements area from the original Downtown Street Lights project were not completed due to a lack of funding and will be completed as part of this project. Project area includes: Loudoun Street (between King Street and just west of Wirt Street), Market Street (between Church Street and west of Wirt Street) and Wirt Street (between Loudoun Street and Market Street).



OPERATING IMPACT: Minimal increase in Dominion Energy fees due to the increase in the number of lights and required metering.

GOAL ADDRESSED: 2012 Town Plan • Economic Development Objective 1 encourages promotion of economic development, specifically by building on the role of the Downtown area as an activity center.

- Natural Resources Objective 7 call for outdoor lighting that is consistent with public safety requirements to reduce glare and impacts on the night sky.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2022	Summer 2024

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6-Year CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$2,270,000	-	\$260,000	\$2,010,000	-	-	-	-	\$2,270,000	-
Total Sources	\$2,270,000	\$—	\$260,000	\$2,010,000	\$—	\$—	\$—	\$—	\$2,270,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6-Year CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$30,000	-	\$15,000	\$15,000	-	-	-	-	\$30,000	-
Land Acquisition	60,000	-	60,000	-	-	-	-	-	60,000	-
Design	142,000	-	142,000	-	-	-	-	-	142,000	-
Site Improvements	1,995,000	-	-	1,995,000	-	-	-	-	1,995,000	-
Utility Relocation	43,000	-	43,000	-	-	-	-	-	43,000	-
Total Uses	\$2,270,000	\$—	\$260,000	\$2,010,000	\$—	\$—	\$—	\$—	\$2,270,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	500	500	500	500
Total Impact	\$ —	\$ —	\$ 500	\$ 500	\$ 500	\$ 500

TITLE: Excavated Materials Holding and Drying Facility - Public Works Portion (23107)

STATUS: New

LOCATION: Utilities Maintenance Facility

PROGRAM DESCRIPTION: This project includes design and construction of a facility to dry materials collected from the Town's vacuum excavation operations, storm drainage vacuum operations, and street sweeper collected debris. This facility is required to meet Virginia Department of Environmental Quality (DEQ) Municipal Separate Storm Sewer System (MS4) requirements. This is a joint project between the Department of Public Works and Capital Projects and the Department of Utilities due to the multiple uses of this new facility. This project page represents the the Department of Public Works and Capital Projects contribution. The Department of Utilities contribution is found in project number 23501.

OPERATING IMPACT: Additional costs to maintain the drying facility.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply and wastewater treatment and collection to meet state and federal criteria. This project will allow the Town to meet Virginia Department of Environmental Quality storm water regulations.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2022	Summer 2024



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	Year						Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$555,000	-	\$105,000	\$450,000	-	-	-	-	\$555,000	-
Total Sources	\$555,000	\$—	\$105,000	\$450,000	\$—	\$—	\$—	\$—	\$555,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	Year						Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$10,000	-	\$5,000	\$5,000	-	-	-	-	\$10,000	-
Design/Engineering	100,000	-	100,000	-	-	-	-	-	100,000	-
Construction	445,000	-	-	445,000	-	-	-	-	445,000	-
Total Uses	\$555,000	\$—	\$105,000	\$450,000	\$—	\$—	\$—	\$—	\$555,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Second Fiber Connect to Leesburg Police Department (23104)
STATUS: New

LOCATION: Police Headquarters

PROGRAM DESCRIPTION: The Town utilizes an outside vendor for fiber connections to the Town’s hosted data center. At this time, the Town has one connection to the fiber ring that introduces a potential single point of failure on the network. This connection will allow for a redundant connection to the fiber ring and eliminate the single point of failure. This network provides connections for general Town data and public safety applications.

OPERATING IMPACT: Minimal, ongoing connection fees to the data center

GOAL ADDRESSED: 2012 Town Plan • The Community Facilities and Services goal calls for providing community facilities and services in a cost effective manner.

- Objective 11 calls for providing high quality responsive police protection in accordance with the department’s strategic plan.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2022	Spring 2023

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
PAY-GO	\$350,000	-	\$350,000	-	-	-	-	-	\$350,000	-
Total Sources	\$350,000	-	\$350,000	-	-	-	-	\$—	\$350,000	-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Utility Relocation	\$350,000	-	\$350,000	-	-	-	-	-	\$350,000	-
Total Uses	\$350,000	\$—	\$350,000	\$—	\$—	\$—	\$—	\$—	\$350,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Police Station Expansion (20001)

STATUS: Ongoing

LOCATION: Police Headquarters

PROGRAM DESCRIPTION: Expansion of the existing Police Department headquarters at the Public Safety Center located at 65 Plaza Street, NE. The current building was constructed in 1997 when the population of Leesburg was approximately 24,000. Since that original construction, the Town’s population has more than doubled. A Needs Assessment and Master Plan Options Study prepared in 2010 forecast that the Police Department would need approximately 14,800 square feet of office space and an additional 6,200 square feet of technical support space within 25 years. Subsequent to completing that study, the Technical Support building was expanded in 2013. This project will provide the first phase of expansion of the Police Department headquarters in conjunction with current police needs. Future expansions will be required as the Town and the police force continue to grow.

OPERATING IMPACT: Additional maintenance and operating costs for the larger facility.

GOAL ADDRESSED: 2012 Town Plan • The Community Facilities and Services goal calls for providing community facilities and services in a cost effective manner. Objective 11 calls for providing high quality responsive police protection in accordance with the department’s strategic plan.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2019	Spring 2024

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$23,254,400	\$16,564,400	\$6,390,000	\$300,000	-	-	-	-	\$6,690,000	-
Total Sources	\$23,254,400	\$16,564,400	\$6,390,000	\$300,000	\$—	\$—	\$—	\$—	\$6,690,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$884,400	\$484,400	\$200,000	\$200,000	-	-	-	-	\$400,000	-
Design/Engineering	1,690,000	1,330,000	360,000	-	-	-	-	-	360,000	-
Utility Relocation	30,000	-	30,000	-	-	-	-	-	30,000	-
Construction	20,650,000	14,750,000	5,800,000	100,000	-	-	-	-	5,900,000	-
Total Uses	\$23,254,400	\$16,564,400	\$6,390,000	\$300,000	\$—	\$—	\$—	\$—	\$6,690,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
Utilities	8,800	8,800	8,800	8,800	8,800	8,800
General Maintenance	7,500	7,700	8,000	8,200	8,500	8,700
Total Impact	\$ 16,300	\$ 16,500	\$ 16,800	\$ 17,000	\$ 17,300	\$ 17,500

TITLE: 16 Wirt Street Facility (23105)

STATUS: New

LOCATION: Town Hall

PROGRAM DESCRIPTION: Project to address the future of the property acquired at 16 Wirt Street. The project will either demolish and grade the site or renovate the building for office space. A space needs analysis is included with the studies for Fiscal Year 2023.

OPERATING IMPACT: Minimal.

GOAL ADDRESSED: 2012 Town Plan • Land Use Objective 12 calls for providing institutional uses, such as schools, libraries, and government facilities throughout the Town.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2022	TBD

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Funds Required
GO Bonds	\$20,000	-	\$20,000	-	-	-	-	-	\$20,000	-
PAY-GO	1,000,000	400,000	600,000	-	-	-	-	-	600,000	-
Total Sources	\$1,020,000	\$400,000	\$620,000	\$—	\$—	\$—	\$—	\$—	\$620,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Project Cost
Project Management	\$20,000	-	\$20,000	-	-	-	-	-	\$20,000	-
Land	400,000	400,000	-	-	-	-	-	-	-	-
Construction	600,000	-	600,000	-	-	-	-	-	600,000	-
Total Uses	\$1,020,000	\$400,000	\$620,000	\$—	\$—	\$—	\$—	\$—	\$620,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Town Hall Fire System Upgrade (24101)

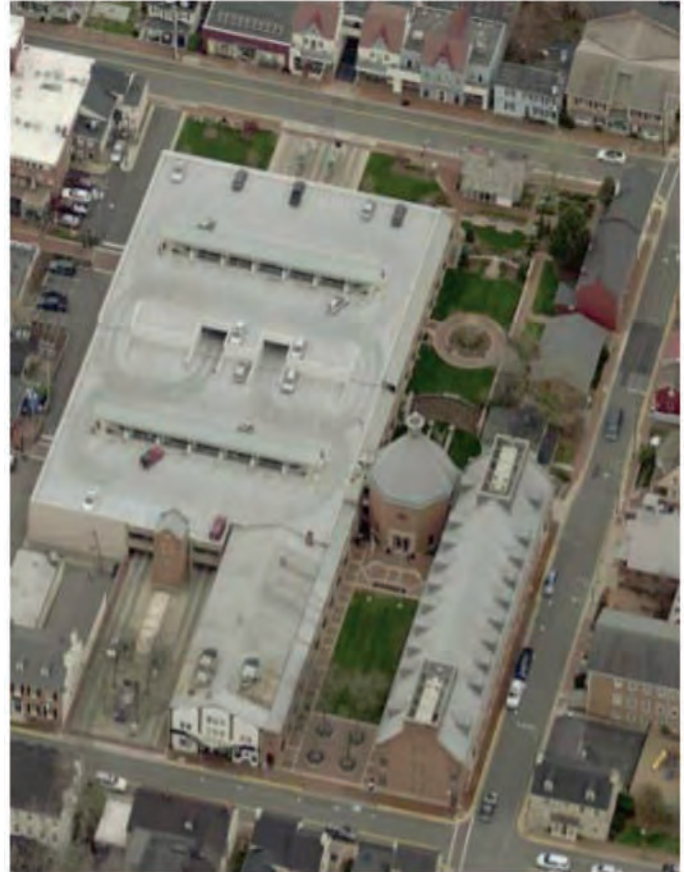
STATUS: Future

LOCATION: Leesburg Town Hall

PROGRAM DESCRIPTION: Upgrade of the fire system at Town Hall. The existing fire system is outdated and has reached the end of its useful life. Upgrade of the system is needed to use up to date technology for the system.

OPERATING IMPACT: Replacement of aging equipment will result in recurring operating cost savings.

GOAL ADDRESSED: 2012 Town Plan • Land Use Objective 12 calls for providing institutional uses, such as schools, libraries, and government facilities throughout the Town.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2023	Spring 2025

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Funds Required
GO Bonds	\$400,000	-	-	\$75,000	\$325,000	-	-	-	\$400,000	-
Total Sources	\$400,000	\$-	\$-	\$75,000	\$325,000	\$-	\$-	\$-	\$400,000	\$-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Project Cost
Project Management	\$10,000	-	-	\$5,000	\$5,000	-	-	-	\$10,000	-
Design/Engineering	390,000	-	-	70,000	320,000	-	-	-	390,000	-
Total Uses	\$400,000	\$-	\$-	\$75,000	\$325,000	\$-	\$-	\$-	\$400,000	\$-

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	-	-	-	-	-	-
Total Impact	-	-	-	-	-	-

TITLE: Town Hall Parking Garage Structural Repairs (23102)

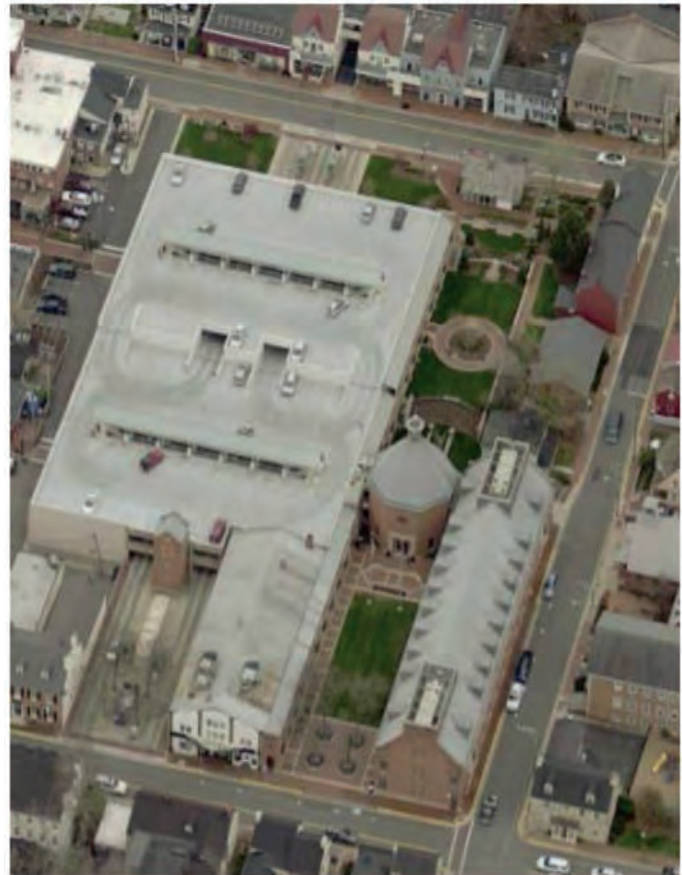
STATUS: New

LOCATION: 25 W. Market Street

PROGRAM DESCRIPTION: This project consists of structural repairs necessary to maintain the Town Hall Parking Garage. The repairs were identified by a structural study/report that was completed in Fiscal Year 2020 that identified deficiencies in the structural components of the building. The repairs were prioritized by high, medium, and low priority repairs along with critical maintenance issues.

OPERATING IMPACT: Minimal.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Goal call for Leesburg to be served by community facilities and services in a cost-effective, equitable, and environmentally sensitive manner.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2021	Spring 2025

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Funds Required
GO Bonds	\$1,285,000	-	\$770,000	\$310,000	\$205,000	-	-	-	\$1,285,000	-
Total Sources	\$1,285,000	\$—	\$770,000	\$310,000	\$205,000	\$—	\$—	\$—	\$1,285,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Project Cost
Project Management	\$30,000	-	\$10,000	\$10,000	\$10,000	-	-	-	\$30,000	-
Design/Engineering	125,000	-	50,000	50,000	25,000	-	-	-	125,000	-
Construction	1,130,000	-	710,000	250,000	170,000	-	-	-	1,130,000	-
Total Uses	\$1,285,000	\$—	\$770,000	\$310,000	\$205,000	\$—	\$—	\$—	\$1,285,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Town Shop Expansion and Refurbishment (23101)

STATUS: Ongoing

LOCATION: 1393 Russell Branch Parkway

PROGRAM DESCRIPTION: Land acquisition for expansion of the existing Department of Public Works and Capital Projects shop facility located at 1393 Russell Branch Parkway, inclusive of design and construction of a new or expanded facility to address critical expansion needs. The existing parcel where the Town Shop is located is severely space constrained and is not large enough to facilitate an expansion necessary for the current and future public works operations. The current facility has not been enlarged or rehabilitated during the past 30 years, although the lane miles and population has more than doubled. This project would add approximately 5 acres of useable property and add a public works facility able to consolidate all public works and capital projects functions into one facility versus the three that are now utilized and allow the department to better serve the community now and into the future.

OPERATING IMPACT: Additional maintenance and operating costs for the larger facility.

GOAL ADDRESSED: 2012 Town Plan • The Community Facilities and Services goal calls for providing community facilities and services in a cost effective manner.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2021	Spring 2026



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$9,200,000	\$230,000	\$505,000	\$705,000	\$3,800,000	\$3,960,000	-	-	\$8,970,000	-
PAY-GO	1,800,000	1,800,000	-	-	-	-	-	-	-	-
Proffers	2,400,000	2,400,000	-	-	-	-	-	-	-	-
Total Sources	\$13,400,000	\$4,430,000	\$505,000	\$705,000	\$3,800,000	\$3,960,000	\$—	\$—	\$8,970,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$420,000	\$30,000	\$40,000	\$50,000	\$125,000	\$175,000	-	-	\$390,000	-
Land	4,200,000	4,200,000	-	-	-	-	-	-	-	-
Design/Engineering	\$855,000	200,000	-	\$655,000	-	-	-	-	\$655,000	-
Construction	7,925,000	-	465,000	-	3,675,000	3,785,000	-	-	7,925,000	-
Total Uses	\$13,400,000	\$4,430,000	\$505,000	\$705,000	\$3,800,000	\$3,960,000	\$—	\$—	\$8,970,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
Utilities	—	—	—	—	2,900	3,000
General Maintenance	—	—	—	—	4,000	4,000
Total Impact	\$ —	\$ —	\$ —	\$ —	\$ 4,000	\$ 4,000

TITLE: Town-wide Video Storage (23106)

STATUS: New

LOCATION: Town-wide

PROGRAM DESCRIPTION: The Town’s traffic signal camera video storage is becoming unserviceable and is in need of replacement. The Town’s Department of Public Works & Capital Projects has begun working with the Buildings Division and Leesburg Police Department into possibly combining all Town video storage infrastructure into a single unified system. This video storage infrastructure is critical to the Town. The project will enhance the Leesburg Police Department, the Loudoun County Sheriff, and Virginia State Police enforcement, along with the Town’s regular traffic operations, public safety and emergency/incident response (Loudoun County Fire & Rescue).

OPERATING IMPACT: N/A

GOAL ADDRESSED: 2012 Town Plan • Land Use Objective 12 calls for providing institutional uses, such as schools, libraries, and government facilities throughout the Town.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2022	Summer 2023



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
PAY-GO	\$500,000	-	\$500,000	-	-	-	-	-	\$500,000	-
Total Sources	\$500,000	\$—	\$500,000	\$—	\$—	\$—	\$—	\$—	\$500,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Site Improvements	\$500,000	-	\$500,000	-	-	-	-	-	\$500,000	-
Total Uses	\$500,000	\$—	\$500,000	\$—	\$—	\$—	\$—	\$—	\$500,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: AV Symington Aquatic Center Water Play Area (21201)

STATUS: Future

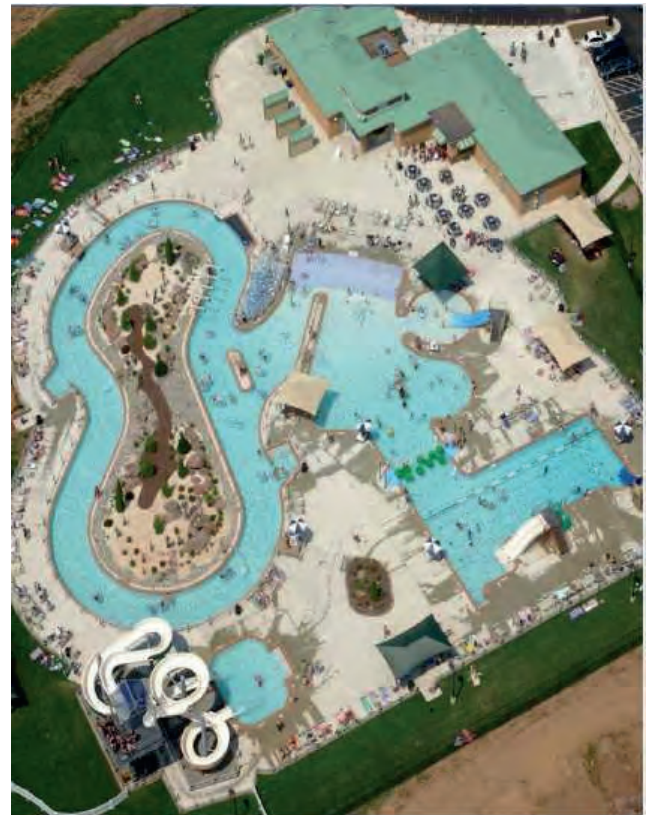
LOCATION: AV Symington Aquatic Center

PROGRAM DESCRIPTION: Development of a spray ground feature at the AV Symington Aquatic Center. This amenity was in the outdoor pool master plan and the plumbing work for this feature was included with the original construction. Design for this amenity will be minimal to include the existing plumbing for tie in of the actual amenity.

OPERATING IMPACT: Negligible impact on maintenance of the outdoor pool facility.

GOAL ADDRESSED: 2012 Town Plan • Parks and Recreation Objective 3 calls for a balanced and adequate distribution of active recreation facilities within all sectors of Leesburg.

2015-2019 Parks and Recreation Strategic Plan • The focus of the plan includes building a strong sense of community, providing opportunities for participation in recreational activities and events, and continually maintaining a comprehensive park system with high quality facilities.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2027	Spring 2028

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required	
			2023	2024	2025	2026	2027	2028			
GO Bonds	\$470,000	-	-	-	-	-	-	-	\$470,000	\$470,000	-
Private Contribution	50,000	-	-	-	-	-	-	-	50,000	50,000	-
Total Sources	\$520,000	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$520,000	\$520,000	\$-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost	
			2023	2024	2025	2026	2027	2028			
Project Management	\$25,000	-	-	-	-	-	-	-	\$25,000	\$25,000	-
Design/Engineering	12,000	-	-	-	-	-	-	-	12,000	12,000	-
Construction	483,000	-	-	-	-	-	-	-	483,000	483,000	-
Total Uses	\$520,000	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$520,000	\$520,000	\$-

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Ida Lee Recreation Center - Indoor Pool Roof Rehabilitation (20201)

STATUS: Ongoing

LOCATION: Ida Lee Recreation Center

PROGRAM DESCRIPTION: This project replaces a portion of the existing roof at the Ida Lee Recreation Center. The roof will be replaced over the main indoor pool and the men's and women's locker rooms. Work will include the rehabilitation and/or replacement of existing skylights, including the skylight in the main hallway.

OPERATING IMPACT: Minimal recurring maintenance.

GOAL ADDRESSED: 2012 Town Plan • Parks and Recreation Objective 3 calls for a balanced and adequate distribution of active recreation facilities within all sectors of Leesburg.

2015 - 2019 Parks and Recreation Strategic Plan • The focus of the plan includes building a strong sense of community, providing opportunities for participation in recreational activities and events, striving for fiscal self sufficiency, and continually maintaining a comprehensive park system with high quality facilities.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2019	Fall 2022

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$1,846,000	\$1,841,000	\$5,000	-	-	-	-	-	\$5,000	-
Total Sources	\$1,846,000	\$1,841,000	\$5,000	\$—	\$—	\$—	\$—	\$—	\$5,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$90,000	\$85,000	\$5,000	-	-	-	-	-	\$5,000	-
Design/Engineering	56,000	56,000	-	-	-	-	-	-	-	-
Construction	1,700,000	1,700,000	-	-	-	-	-	-	-	-
Total Uses	\$1,846,000	\$1,841,000	\$5,000	\$—	\$—	\$—	\$—	\$—	\$5,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Ida Lee Park Tennis Court - Pickleball - Junior Tennis Courts (25203)

STATUS: Future

LOCATION: Ida Lee Recreation Center

PROGRAM DESCRIPTION: Addition of an asphalt pad of the size to accommodate three regulation size Pickleball - Junior tennis courts. The pad would include appropriate marking for both activities and a four foot tall perimeter fence.

OPERATING IMPACT: Minimal impact on maintenance and operating.

GOAL ADDRESSED: 2012 Town Plan • Parks and Recreation Objective 3 calls for a balanced and adequate distribution of active recreation facilities within all sectors of Leesburg.

2015 - 2019 Parks and Recreation Strategic Plan • The focus of the plan includes building a strong sense of community, providing opportunities for participation in recreational activities and events, striving for fiscal self sufficiency, and continually maintaining a comprehensive park system with high quality facilities.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2024	Summer 2025

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$401,200	-	-	-	\$401,200	-	-	-	\$401,200	-
Total Sources	\$401,200	\$-	\$-	\$-	\$401,200	\$-	\$-	\$-	\$401,200	\$-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$13,200	-	-	-	\$13,200	-	-	-	\$13,200	-
Design/Engineering	36,000	-	-	-	36,000	-	-	-	36,000	-
Construction	352,000	-	-	-	352,000	-	-	-	352,000	-
Total Uses	\$401,200	\$-	\$-	\$-	\$401,200	\$-	\$-	\$-	\$401,200	\$-

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	-	-	-	-	-	-
Total Impact	-	-	-	-	-	-

TITLE: Old Waterford Road Trail to Morven Park (28202)

STATUS: Future

LOCATION: Old Waterford Road between Ida Lee Park and the Morven Park pedestrian entrance

PROGRAM DESCRIPTION: Development of a new 1,000 linear foot trail along the east side of Old Waterford Road between Ida Lee Park and the Morven Park pedestrian entrance. This trail will provide safe pedestrian and bicycle access to the entrance of Morven Park.

OPERATING IMPACT: Funds for trail repair and maintenance.

GOAL ADDRESSED: • Parks and Recreation Objective 2 calls for expansion of the Town's trail network to encourage pedestrian and bicycle access to parks and regional trails

• Parks and Recreation Objective 3 calls for a balanced and adequate distribution of recreating facilities within all sectors of Leesburg. 2015-2019 Parks and Recreation Strategic Plan



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2024	Fall 2026

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$1,588,000	-	-	-	\$475,000	\$1,113,000	-	-	\$1,588,000	-
Total Sources	\$1,588,000	\$—	\$—	\$—	\$475,000	\$1,113,000	\$—	\$—	\$1,588,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$400,000	-	-	-	\$200,000	\$200,000	-	-	\$400,000	-
Design/Engineering	275,000	-	-	-	275,000	-	-	-	275,000	-
Utility Relocation	13,000	-	-	-	-	13,000	-	-	13,000	-
Construction	900,000	-	-	-	-	900,000	-	-	900,000	-
Total Uses	\$1,588,000	\$—	\$—	\$—	\$475,000	\$1,113,000	\$—	\$—	\$1,588,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	—	—	—	—	1,000	1,000
Total Impact	\$ —	\$ —	\$ —	\$ —	\$ 1,000	\$ 1,000

TITLE: Town Hall Campus Improvements Phase I (21202)

STATUS: Ongoing

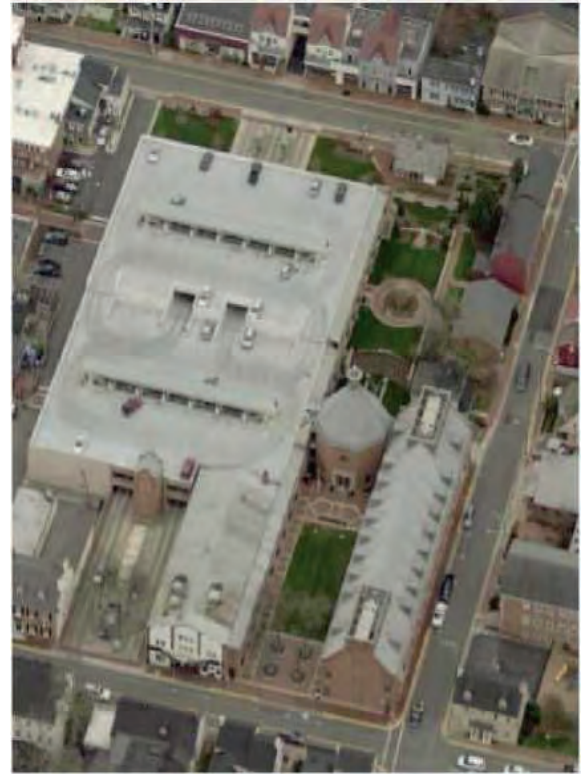
LOCATION: Town Hall

PROGRAM DESCRIPTION: Development of initial phases of improvements to the Town Hall Campus in accordance with the master plan approved in 2018. Project includes improvements adjacent to the Loudoun Street entrance to the Town Hall parking garage, the Mervin Jackson Park East and West Panels adjacent to the parking garage, and improvements to the Market Street parking garage entrance.

OPERATING IMPACT: Long term park operating costs.

GOAL ADDRESSED: 2012 Town Plan • Parks and Recreation Objective 3 calls for a balanced and adequate distribution of recreation facilities within all sectors of Leesburg.

2015 - 2019 Parks and Recreation Strategic Plan • The focus of the plan includes building a strong sense of community, providing opportunities for participation in recreational activities and events, and continually maintaining a comprehensive park system with high quality amenities.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2020	Fall 2023

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$814,000	\$602,000	\$212,000	-	-	-	-	-	\$212,000	-
PAY-GO	15,000	15,000	-	-	-	-	-	-	-	-
Total Sources	\$829,000	\$617,000	\$212,000	\$—	\$—	\$—	\$—	\$—	\$212,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$92,000	\$67,000	\$25,000	-	-	-	-	-	\$25,000	-
Design/Engineering	50,000	50,000	-	-	-	-	-	-	-	-
Construction	687,000	500,000	187,000	-	-	-	-	-	187,000	-
Total Uses	\$829,000	\$617,000	\$212,000	\$—	\$—	\$—	\$—	\$—	\$212,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	-	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Total Impact	-	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000

TITLE: Tuscarora Creek Trail Phase I (22201)

STATUS: Ongoing

LOCATION: North side of Tuscarora Creek between Harrison Street and W&OD (near Douglas Community Center)

PROGRAM DESCRIPTION: Development of a new 1,600 linear foot trail along the north side of Tuscarora Creek between Harrison Street and the Washington & Old Dominion (W&OD) Trail near Douglass School and Community Center. This trail will provide pedestrian and bicycle access to connect a variety of public parks and facilities in the area, including Brandon Park, Catoctin Skate Park, W&OD Trail, and the Douglass Community Center. The Town has applied for State grant funding for the work to begin in Fiscal Year 2023. If grant funding is not secured, this project will be moved to Fiscal Year 2028.

OPERATING IMPACT: Funds for trail repair and maintenance.

GOAL ADDRESSED: 2012 Town Plan • Parks and Recreation Objective 2 calls for expansion of the Town’s trail network to encourage pedestrian and bicycle access to parks and regional trails.

- Parks and Recreation Objective 3 calls for a balanced and adequate distribution of recreation facilities within all sectors of Leesburg.

2015 - 2019 Parks and Recreation Strategic Plan • The focus of the plan includes continually maintaining a comprehensive park system with high quality amenities.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2021	Spring 2024

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$115,000	\$50,000	\$55,000	\$10,000	-	-	-	-	\$65,000	-
County - Capital Contribution	1,800,000	609,000	1,191,000	-	-	-	-	-	1,191,000	-
Total Sources	\$1,915,000	\$659,000	\$1,246,000	\$10,000	\$—	\$—	\$—	\$—	\$1,256,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$264,000	\$174,000	\$80,000	\$10,000	-	-	-	-	\$90,000	-
Land	115,000	115,000	-	-	-	-	-	-	-	-
Design/Engineering	370,000	370,000	-	-	-	-	-	-	-	-
Utility Relocation	11,000	-	11,000	-	-	-	-	-	11,000	-
Construction	1,155,000	-	1,155,000	-	-	-	-	-	1,155,000	-
Total Uses	\$1,915,000	\$659,000	\$1,246,000	\$10,000	\$—	\$—	\$—	\$—	\$1,256,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Veterans Park at Balls Bluff (21203)

STATUS: Ongoing

LOCATION: 42314 Balls Bluff Road

PROGRAM DESCRIPTION: Development of a town park on property located adjacent to the Potomac River in northeast Leesburg. The park property was acquired in 2001 for park use. The park facilities will include a new access road, parking, boat launch facilities, picnic facilities, trails and other amenities.

OPERATING IMPACT: Long term park, maintenance and landscaping operating costs.

GOAL ADDRESSED: 2012 Town Plan • Parks and Recreation Objective 3 calls for a balanced and adequate distribution of recreation facilities within all sectors of Leesburg.

2015 - 2019 Parks and Recreation Strategic Plan • The focus of the plan includes building a strong sense of community, providing opportunities for participation in recreational activities and events, and continually maintaining a comprehensive park system with high quality amenities.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2020	Summer 2023

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$200,000	\$200,000	-	-	-	-	-	-	-	-
County - Capital Contribution	4,000,000	4,000,000	-	-	-	-	-	-	-	-
Total Sources	\$4,200,000	\$4,200,000	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$200,000	\$200,000	-	-	-	-	-	-	-	-
Design/Engineering	400,000	400,000	-	-	-	-	-	-	-	-
Utility Relocation	10,000	10,000	-	-	-	-	-	-	-	-
Construction	3,590,000	3,590,000	-	-	-	-	-	-	-	-
Total Uses	\$4,200,000	\$4,200,000	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	\$—	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Total Impact	\$—	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000

TITLE: Washington & Old Dominion Trail Lighting (25201)

STATUS: Future

LOCATION: W&OD Trail (Catoctin SE by Pedestrian Crosswalk to Catoctin NE by Loudoun County High School)

PROGRAM DESCRIPTION: Addition of 12' tall street lights along the Washington & Old Dominion (W&OD) Trail from Catoctin Circle at the car wash to Catoctin Circle at Loudoun County High School. The project will provide a safe route for evening pedestrian travel while connecting residential areas to the downtown.

OPERATING IMPACT: Increased electricity costs for street lights.

GOAL ADDRESSED: 2012 Town Plan • Parks and Recreation Objective 2 calls for expansion of the Town's trail network to encourage pedestrian and bicycle access to parks and regional trails.

• Parks and Recreation Objective 3 calls for a balanced and adequate distribution of active recreation facilities within all sectors of Leesburg. 2015 - 2019 Parks and Recreation Strategic Plan • The focus of the plan includes building a strong sense of community, providing opportunities for participation in recreational activities and events, striving for fiscal self sufficiency, and continually maintaining a comprehensive park system with high quality facilities.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2024	Summer 2026

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$2,352,600	-	-	-	\$235,600	\$2,117,000	-	-	\$2,352,600	-
Total Sources	\$2,352,600	\$—	\$—	\$—	\$235,600	\$2,117,000	\$—	\$—	\$2,352,600	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$86,400	-	-	-	\$9,600	\$76,800	-	-	\$86,400	-
Design/Engineering	226,000	-	-	-	226,000	-	-	-	226,000	-
Construction	2,040,200	-	-	-	2,040,200	-	-	-	2,040,200	-
Total Uses	\$2,352,600	\$—	\$—	\$—	\$235,600	\$2,117,000	\$—	\$—	\$2,352,600	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
Electricity	\$ —	\$ —	\$ —	\$ —	\$ 10,000	\$ 10,000
Total Impact	\$ —	\$ —	\$ —	\$ —	\$ 10,000	\$ 10,000



Streets and Highways

The Streets & Highways category is the largest area of investment in the FY 2023-28 Capital Improvements Program. This emphasis is a continuation of the Town’s commitment to provide high quality streets and roads to meet the demands of our community. Major projects in Fiscal Year 2023 include the widening of Evergreen Mill Road, Market/King Street Intersection Improvements; construction of the sidewalk on Morven Park Road; Royal Street Improvements - Church Street to Wirt Street; Miscellaneous Roadway, Pedestrian and ADA Projects; the interchange at Edwards Ferry Road/ Route 15 Bypass. The total cost of Street & Highway Capital Improvements for Fiscal Year 2023 is \$9,737,800.

Sources of Funding

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025-2028	Total for 6 Yr CIP	Future Funds Required
Capital Projects Fund							
GO Bonds	\$25,681,810	\$1,121,900	\$2,428,800	\$2,914,550	\$16,986,560	\$22,329,910	\$2,230,000
PAY-GO	944,500	444,500	250,000	250,000	—	500,000	—
Proffers	1,942,800	1,112,000	—	—	830,800	830,800	—
County- Capital Contribution	6,000,000	6,000,000	—	—	—	—	—
NVTA 30%	23,926,950	7,570,200	6,270,500	809,810	9,276,440	16,356,750	—
NVTA 70%	126,585,000	69,585,000	—	—	—	—	57,000,000
State-VDOT	203,050,890	25,805,800	788,500	368,240	15,408,750	16,565,490	160,679,600
Total Capital Projects Fund	\$388,131,950	\$111,639,400	\$9,737,800	\$4,342,600	\$42,502,550	\$56,582,950	\$219,909,600
Total Sources	\$388,131,950	\$111,639,400	\$9,737,800	\$4,342,600	\$42,502,550	\$56,582,950	\$219,909,600

Uses by Project

Projects	Total Project Cost	Expended through 6/30/22	2023	2024	2025-2028	Total for 6 Yr CIP	Future Project Cost
Ayr Street NW Sidewalk Improvements (27301)	\$1,600,000	\$—	\$—	\$—	\$1,600,000	\$1,600,000	\$—
Battlefield Parkway / Route 15 Bypass Interchange (20004)	59,355,000	2,090,000	35,000	—	—	35,000	57,230,000
Catoctin Circle Trail - Phase II (25301)	1,080,000	—	265,000	45,000	770,000	1,080,000	—
Church Street Sidewalk - Missing Link (27302)	498,000	—	—	—	498,000	498,000	—
Church Street, South Street, Harrison Street Improvements (24301)	2,887,000	—	—	—	2,887,000	2,887,000	—
Davis Court Bridge Conversion (21301)	619,000	112,000	—	—	507,000	507,000	—
East Market Street & Battlefield Parkway Interchange (15303)	77,516,300	77,166,300	350,000	—	—	350,000	—
East Market Street Improvements (Plaza Street NE to Fort Evans Road NE) (22302)	128,500	123,500	5,000	—	—	5,000	—
Edwards Ferry Road NE Sidewalk Improvements (20006)	1,610,200	1,384,200	226,000	—	—	226,000	—
Evergreen Mill Road Widening (15302)	26,922,000	16,211,000	3,170,000	2,010,000	5,531,000	10,711,000	—
King Street Improvements - Market Street to North Street (25304)	3,793,000	—	—	—	3,793,000	3,793,000	—
Market Street/King Street Intersection and Alley Between 3 and 5 South King Street Improvements (17016)	2,594,000	1,186,000	1,408,000	—	—	1,408,000	—
Miscellaneous Roadway, Pedestrian, and ADA Projects (20005)	6,300,200	—	807,800	1,008,600	4,483,800	6,300,200	—
Monroe Street & Madison Court Improvements (25302)	2,831,000	—	—	—	2,831,000	2,831,000	—
Morven Park Road Sidewalk (14301)	5,838,200	3,424,200	2,404,000	10,000	—	2,414,000	—

TITLE: Ayr Street NW Sidewalk Improvements (27301)

STATUS: Future

LOCATION: Ayr Street NW (between Cornwall Street & West Market Street)

PROGRAM DESCRIPTION: The project consists of constructing approximately 530 linear feet of new sidewalk along one side of Ayr Street NW to provide continuous pedestrian access between Cornwall Street and West Market Street. The project will improve drainage and provide an uniform roadway section by providing curb and gutter on both sides of the street and extending the storm drainage system.

OPERATING IMPACT: Increased maintenance of sidewalk and drainage systems.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 5 calls for providing a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes bicycling and walking.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2026	Spring 2028



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required	
			2023	2024	2025	2026	2027	2028			
GO Bonds	\$1,600,000	-	-	-	-	-	\$150,000	\$1,450,000	\$1,600,000	-	
Total Sources	\$1,600,000	\$—	\$—	\$—	\$—	\$—	\$—	\$150,000	\$1,450,000	\$1,600,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost	
			2023	2024	2025	2026	2027	2028			
Project Management	\$30,000	-	-	-	-	-	\$10,000	\$20,000	\$30,000	-	
Land	100,000	-	-	-	-	-	-	100,000	100,000	-	
Design/Engineering	140,000	-	-	-	-	-	140,000	-	140,000	-	
Utility Relocation	69,000	-	-	-	-	-	-	69,000	69,000	-	
Construction	1,261,000	-	-	-	-	-	-	1,261,000	1,261,000	-	
Total Uses	\$1,600,000	\$—	\$—	\$—	\$—	\$—	\$—	\$150,000	\$1,450,000	\$1,600,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Battlefield Parkway / Route 15 Bypass Interchange (20004)

STATUS: Ongoing

LOCATION: Route 15 Bypass/ Battlefield Parkway Intersection

PROGRAM DESCRIPTION: This project consists of development of an Interchange Access Report (IAR) for a new grade separated interchange at the current signalized intersection between the Route 15 Leesburg Bypass and Battlefield Parkway. Route 15 is part of the National Highway System that serves as a major commuter route. The intersection with Battlefield Parkway is one of three signalized intersections on the bypass. The other two traffic signals will be removed with the future construction of an interchange at Edwards Ferry Road and Fort Evans Road (project 09307). In addition to vehicular traffic issues, the bypass acts as a barrier to discourage pedestrians and bicycles from traveling between the residential and recreational areas east and west of Route 15. The initial step of developing an interchange is to prepare an IAR to evaluate the need for the interchange, compare alternative designs, analyze environmental impacts, and establish a project budget. The IAR is expected to be completed in Fall 2023. This report will provide a better estimate for the cost of the project. Completion of construction is contingent on the Town receiving funding from sources such as SmartScale, NVTA and VDOT.

OPERATING IMPACT: TBD

GOAL ADDRESSED: 2012 Town Plan • The Transportation Corridor Objective calls for a grade-separated interchange at this location.

- Transportation Objective calls for providing a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes bicycling and walking.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2021	TBD



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$270,000	\$5,000	\$35,000	-	-	-	-	-	\$35,000	\$230,000
PAY-GO	85,000	85,000	-	-	-	-	-	-	-	-
NVTA 70%	59,000,000	2,000,000	-	-	-	-	-	-	-	57,000,000
Total Sources	\$59,355,000	\$2,090,000	\$35,000	\$—	\$—	\$—	\$—	\$—	\$35,000	\$57,230,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$355,000	\$90,000	\$35,000	-	-	-	-	-	\$35,000	\$230,000
Design/Engineering	2,000,000	2,000,000	-	-	-	-	-	-	-	-
Construction	57,000,000	-	-	-	-	-	-	-	-	57,000,000
Total Uses	\$59,355,000	\$2,090,000	\$35,000	\$—	\$—	\$—	\$—	\$—	\$35,000	\$57,230,000

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Catoctin Circle Trail - Phase II (25301)

STATUS: New

LOCATION: East side of Catoctin Circle between W. Market Street and Ashton Downs subdivision

PROGRAM DESCRIPTION: Design and construction of approximately 500 linear feet of asphalt trail along the east side of Catoctin Circle, between West Market Street and an existing trail that ends near the Ashton Downs subdivision. The project will include crosswalks and pedestrian signals at the West Market Street intersection. This project is eligible for Virginia grant funding from the Transportation Alternatives Program. The Town has applied for State grant funding for the work to begin in Fiscal Year 2023. If grant funding is not secured, this project will be moved to fiscal year 2028.

OPERATING IMPACT: Increased maintenance for trail and pedestrian signals

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 5 calls for providing a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes bicycling and walking.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2022	Summer 2025

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$40,000	-	\$10,000	\$10,000	\$10,000	\$10,000	-	-	\$40,000	-
NVTA 30%	\$208,000	-	\$51,000	\$7,000	\$150,000	-	-	-	\$208,000	-
State- VDOT	832,000	-	204,000	28,000	600,000	-	-	-	832,000	-
Total Sources	\$1,080,000	\$—	\$265,000	\$45,000	\$760,000	\$10,000	\$—	\$—	\$1,080,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$40,000	-	\$10,000	\$10,000	\$10,000	\$10,000	-	-	\$40,000	-
Land	70,000	-	35,000	35,000	-	-	-	-	70,000	-
Design/ Engineering	210,000	-	210,000	-	-	-	-	-	210,000	-
Utility Relocation	10,000	-	10,000	-	-	-	-	-	10,000	-
Construction	750,000	-	-	-	750,000	-	-	-	750,000	-
Total Uses	\$1,080,000	\$—	\$265,000	\$45,000	\$760,000	\$10,000	\$—	\$—	\$1,080,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Church Street Sidewalk - Missing Link (27302)

STATUS: Future

LOCATION: Church Street from Market Street to 100 Feet South

PROGRAM DESCRIPTION: Installation of approximately 110 feet of 5 foot wide sidewalk to complete a missing portion of sidewalk on the west side of Church Street between the Church and Market mixed use development and East Market Street.

OPERATING IMPACT: Minimal

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 5 calls for providing a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes bicycling and walking.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2026	Spring 2028

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$498,000	-	-	-	-	-	\$66,000	\$432,000	\$498,000	-
Total Sources	\$498,000	\$-	\$-	\$-	\$-	\$-	\$66,000	\$432,000	\$498,000	\$-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$20,000	-	-	-	-	-	\$10,000	\$10,000	\$20,000	-
Design/Engineering	\$56,000	-	-	-	-	-	\$56,000	-	\$56,000	-
Land	\$32,000	-	-	-	-	-	-	\$32,000	\$32,000	-
Utility Relocation	\$13,000	-	-	-	-	-	-	\$13,000	\$13,000	-
Construction	377,000	-	-	-	-	-	-	377,000	377,000	-
Total Uses	\$498,000	\$-	\$-	\$-	\$-	\$-	\$66,000	\$432,000	\$498,000	\$-

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Church Street, South Street, Harrison Street Improvements (24301)

STATUS: Future

LOCATION: Church Street (from Royal Street to South Street), South Street (between Church Street and Harrison Street) and Harrison Street (south of the South Street intersection)

PROGRAM DESCRIPTION: Design and construction of roadway and sidewalk improvements on Church Street (from Royal Street to South Street), South Street (between Church Street and Harrison Street) and Harrison Street (south of the South Street intersection). The proposed improvements will include new curb and gutter where needed, completion of missing sidewalk segments, and other roadway modifications to promote traffic calming and pedestrian safety.

OPERATING IMPACT: Minimal maintenance cost for sidewalk and storm drainage.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 1 calls for maintaining the adopted roadway level of service standards for all roadways within the Town.

- Transportation Objective 5 calls for providing a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes bicycling and walking.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2025	Summer 2026

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
NVTA 30%	\$2,887,000	-	-	-	\$690,000	\$2,197,000	-	-	\$2,887,000	-
Total Sources	\$2,887,000	\$—	\$—	\$—	\$690,000	\$2,197,000	\$—	\$—	\$2,887,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$69,000	-	-	-	\$33,000	\$36,000	-	-	\$69,000	-
Land	270,000	-	-	-	270,000	-	-	-	270,000	-
Design/Engineering	387,000	-	-	-	387,000	-	-	-	387,000	-
Utility Relocation	95,000	-	-	-	95,000	-	-	-	95,000	-
Construction	2,066,000	-	-	-	2,066,000	-	-	-	2,066,000	-
Total Uses	\$2,887,000	\$—	\$—	\$—	\$690,000	\$2,197,000	\$—	\$—	\$2,887,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Davis Court Bridge Conversion (21301)

STATUS: Future

LOCATION: Davis Court at Olde Izaak Walton Park

PROGRAM DESCRIPTION: Davis Court provides the only vehicular access into Olde Izaak Walton Park and the Town’s Dog Park. The proposed Crescent Parke development will provide alternate vehicular access to Olde Izaak Walton Park. After the alternate access is developed, the existing substandard bridge can be converted to provide non-motorized access only. The existing bridge was constructed in 1971. Based on recent inspections, the bridge is classified as being structurally deficient.

OPERATING IMPACT: Reduced bridge maintenance costs.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 1 calls for maintaining the adopted roadway level of service for all roadways in the Town.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Winter 2021/22	Summer 2026

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	Year						Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$44,200	-	-	-	-	\$44,200	-	-	\$44,200	-
Proffers	\$574,800	\$112,000	-	-	-	\$462,800	-	-	\$462,800	-
Total Sources	\$619,000	\$112,000	\$-	\$-	\$-	\$507,000	\$-	\$-	\$507,000	\$-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	Year						Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$35,000	\$12,000	-	-	-	\$23,000	-	-	\$23,000	-
Land	50,000	-	-	-	-	50,000	-	-	50,000	-
Design/Engineering	100,000	100,000	-	-	-	-	-	-	-	-
Construction	434,000	-	-	-	-	434,000	-	-	434,000	-
Total Uses	\$619,000	\$112,000	\$-	\$-	\$-	\$507,000	\$-	\$-	\$507,000	\$-

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	-	-	-	-	-	-
Total Impact	-	-	-	-	-	-

TITLE: East Market Street & Battlefield Parkway Interchange (15303)

STATUS: Ongoing

LOCATION: East Market Street (Route 7) / Battlefield Parkway intersection

PROGRAM DESCRIPTION: This project consists of development of a new grade-separated interchange on East Market Street (Route 7) at Battlefield Parkway. The existing at-grade signalized intersection at this location is heavily congested and has one of the highest accident rates in the Town. East Market Street and Battlefield Parkway serve as major commuter routes. The existing retail centers in this area generate significant traffic volumes which will increase as new projects are constructed. This project is a high priority interchange for Loudoun County and the Town and is included in the TransAction 2040 plan.

OPERATING IMPACT: Additional bridge, roadway and landscape maintenance.

GOAL ADDRESSED: 2012 Town Plan• Transportation Corridor Objectives calls for limiting the number of at-grade intersections on East Market Street in accordance with the Route 7 Corridor Plan and for limiting the number of at-grade intersections on Battlefield Parkway, and specifically calls for constructing an interchange between Battlefield Parkway and Route 7.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Winter 2015/16	Fall 2022

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$350,000	-	\$350,000	-	-	-	-	-	\$350,000	-
PAY-GO	166,300	166,300	-	-	-	-	-	-	-	-
Proffers	1,000,000	1,000,000	-	-	-	-	-	-	-	-
NVTA 70%	58,000,000	58,000,000	-	-	-	-	-	-	-	-
State - VDOT	18,000,000	18,000,000	-	-	-	-	-	-	-	-
Total Sources	\$77,516,300	\$77,166,300	\$350,000	\$—	\$—	\$—	\$—	\$—	\$350,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$376,300	\$366,300	\$10,000	-	-	-	-	-	\$10,000	-
Land	5,000,000	5,000,000	-	-	-	-	-	-	-	-
Design/Engineering	4,000,000	4,000,000	-	-	-	-	-	-	-	-
Utility Relocation	4,000,000	4,000,000	-	-	-	-	-	-	-	-
Construction	64,140,000	63,800,000	340,000	-	-	-	-	-	340,000	-
Total Uses	\$77,516,300	\$77,166,300	\$350,000	\$—	\$—	\$—	\$—	\$—	\$350,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	\$35,000	\$36,000	\$37,000	\$38,000	\$40,000	\$41,000
Total Impact	\$35,000	\$36,000	\$37,000	\$38,000	\$40,000	\$41,000

TITLE: East Market Street Improvements (Plaza Street NE to Fort Evans Road NE) (22302)

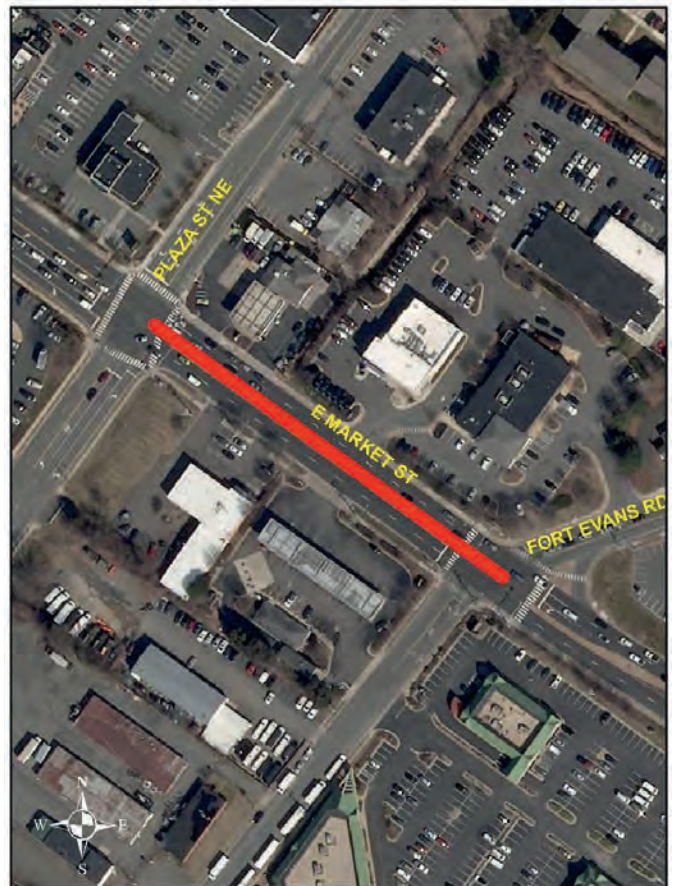
STATUS: Ongoing

LOCATION: East Market Street (Plaza Street NE to Fort Evans Road NE)

PROGRAM DESCRIPTION: To help mitigate congestion on East Market Street, install a dedicated right turn lane on westbound East Market Street between Fort Evans Road and Plaza Street. A conceptual plan and cost estimate will be developed in conjunction with this study for possible implementation at a later date.

OPERATING IMPACT: Minimal.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 1 calls for maintaining the adopted roadway level of service standards for all roadways within the Town.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2021	Summer 2022

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$33,500	28,500	\$5,000	-	-	-	-	-	\$5,000	-
State- VDOT	95,000	95,000	-	-	-	-	-	-	-	-
Total Sources	\$128,500	\$123,500	\$5,000	\$—	\$—	\$—	\$—	\$—	\$5,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$33,500	28,500	\$5,000	-	-	-	-	-	\$5,000	-
Design/ Engineering	95,000	95,000	-	-	-	-	-	-	-	-
Total Uses	\$128,500	\$123,500	\$5,000	\$—	\$—	\$—	\$—	\$—	\$5,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Edwards Ferry Road NE Sidewalk Improvements (20006)

STATUS: Ongoing

LOCATION: Edwards Ferry Road NE Sidewalk (west of Woodberry Road to Prince Street)

PROGRAM DESCRIPTION: Replace approximately 0.25 mile of sidewalk along the north side of Edwards Ferry Road from west of Woodberry Road (near the Marshall House) to Prince Street and address drainage issues in the area. The existing concrete sidewalk in this area is substandard in width and the adjacent curb is insufficient in height. The new brick sidewalk will be designed in compliance with ADA regulations and will be constructed to current standards to provide a safer walking environment. The project will also improve drainage at the intersection of Woodberry Road.

OPERATING IMPACT: Minimal.

GOAL ADDRESSED: 2012 Town Plan • Chapter 9 Transportation Objective 5 calls for a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes walking.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2019	Fall 2022

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$226,000	-	\$226,000	-	-	-	-	-	\$226,000	-
NVTA 30%	1,384,200	1,384,200	-	-	-	-	-	-	-	-
Total Sources	\$1,610,200	\$1,384,200	\$226,000	\$—	\$—	\$—	\$—	\$—	\$226,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$269,200	\$259,200	\$10,000	-	-	-	-	-	\$10,000	-
Land	150,000	150,000	-	-	-	-	-	-	-	-
Design/Engineering	120,000	120,000	-	-	-	-	-	-	-	-
Construction	1,071,000	855,000	216,000	-	-	-	-	-	216,000	-
Total Uses	\$1,610,200	\$1,384,200	\$226,000	\$—	\$—	\$—	\$—	\$—	\$226,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Evergreen Mill Road Widening (15302)

STATUS: Ongoing

LOCATION: Evergreen Mill Road (Heritage High School to South King Street)

PROGRAM DESCRIPTION: Widening of approximately 1.3 mile of Evergreen Mill Road from the Heritage High School entrance (south of Battlefield Parkway) to South King Street (Route 15). The existing two-lane road will be widened to a four-lane street with sidewalk on one side and a shared use path on the other side. The project will include utility relocation, curb, gutter, and storm drainage. The project limits were extended in 2018 to south of Battlefield Parkway at the request of Loudoun County.

OPERATING IMPACT: VDOT maintenance payments will increase with the additional lanes of roadway.

GOAL ADDRESSED: 2012 Town Plan • The Transportation Corridor Objectives call for widening this roadway to four lanes with a controlled number of access points.

- Transportation Objective 1 calls for maintaining the adopted roadway level of service standards for all roadways within the Town.
- Transportation Objective 5 calls for providing a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes bicycling and walking.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Winter 2017	Winter 2026/2027



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$7,438,500	\$68,000	\$720,000	\$1,785,000	\$4,858,500	\$5,000	\$2,000	-	\$7,370,500	-
PAY-GO	33,200	33,200	-	-	-	-	-	-	-	-
County - Capital Contribution	6,000,000	6,000,000	-	-	-	-	-	-	-	-
NVTA 30%	6,299,000	3,399,000	2,009,500	225,000	665,500	-	-	-	2,900,000	-
State - VDOT	7,151,300	6,710,800	440,500	-	-	-	-	-	440,500	-
Total Sources	\$26,922,000	\$16,211,000	\$3,170,000	\$2,010,000	\$5,524,000	\$5,000	\$2,000	\$—	\$10,711,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$858,000	\$811,000	\$20,000	\$10,000	\$10,000	\$5,000	\$2,000	-	\$47,000	-
Land	1,500,000	500,000	1,000,000	-	-	-	-	-	1,000,000	-
Design/Engineering	2,135,000	1,700,000	435,000	-	-	-	-	-	435,000	-
Utility Relocation	3,115,000	1,400,000	1,715,000	-	-	-	-	-	1,715,000	-
Construction	19,314,000	11,800,000	-	2,000,000	5,514,000	-	-	-	7,514,000	-
Total Uses	\$26,922,000	\$16,211,000	\$3,170,000	\$2,010,000	\$5,524,000	\$5,000	\$2,000	\$—	\$10,711,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
Lane Mile Maintenance	-	-	-	\$15,000	\$20,000	\$20,000
Total Impact	\$—	\$—	\$—	\$15,000	\$20,000	\$20,000

TITLE: King Street Improvements - Market Street to North Street (25304)

STATUS: Future

LOCATION: North King Street (between Market Street and North Street)

PROGRAM DESCRIPTION: This is the final phase of the Downtown Improvements project to make the Downtown a more vibrant area and includes replacement of sidewalk, curb and gutter, reconstructing the roadway pavement, and adding crosswalks on North King Street at North Street. The work will include new storm structures as well as decorative street lighting (including additional power supply for use during events) on this section of King Street. The project also includes improvements and street lighting along King Street between Cornwall Street and North Street.

OPERATING IMPACT: Minimal increased maintenance of the improvements.

GOAL ADDRESSED: 2012 Town Plan • Economic Development Objective 1 encourages promotion of economic development, specifically by building on the role of the Downtown area as an activity center.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2024	Fall 2028

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$3,793,000	-	-	-	\$237,000	\$1,331,000	\$2,215,000	\$10,000	\$3,793,000	-
Total Sources	\$3,793,000	\$—	\$—	\$—	\$237,000	\$1,331,000	\$2,215,000	\$10,000	\$3,793,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$50,000	-	-	-	\$15,000	\$10,000	\$15,000	\$10,000	\$50,000	-
Land	60,000	-	-	-	-	60,000	-	-	60,000	-
Design/Engineering	222,000	-	-	-	222,000	-	-	-	222,000	-
Utility Relocation	71,000	-	-	-	-	71,000	-	-	71,000	-
Construction	3,390,000	-	-	-	-	1,190,000	2,200,000	-	3,390,000	-
Total Uses	\$3,793,000	\$—	\$—	\$—	\$237,000	\$1,331,000	\$2,215,000	\$10,000	\$3,793,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	-	-	-	-	-	-
Total Impact	—	—	—	—	—	—

TITLE: Market Street/King Street Intersection and Alley Between 3 and 5 South King Street Improvements (17016)

STATUS: Ongoing

LOCATION: Market Street/King Street Intersection and Alley between 3 and 5 South King Street

PROGRAM DESCRIPTION: This project includes drainage improvements at the intersection of Market Street and King Street. Existing inlets currently located at each corner of the intersection will be replaced with new inlets set back away from the corners, because the existing inlets are routinely damaged by turning movements of heavy trucks. Also included in the project is the replacement of the 50 year old street lights with new Town standard lights at all four corners and rerouting power to the lights and signal pole underground. The project will also improve compliance with Americans with Disabilities (ADA) by upgrading handicap ramps and adding audible pedestrian signals to aid the visually impaired. These improvements will result in improved drainage and functionality and reduced repair and maintenance costs. The project also included improvements to the alley located between 3 and 5 South King Street, which has been completed.

OPERATING IMPACT: Reduced maintenance of the Town's storm drain system. **GOAL ADDRESSED:** 2012 Town Plan • The Community Facilities and Services goal is to provide sufficient facilities and services to all residents and businesses so that the natural and built environments are protected and restorative measures are taken when resources and other assets have been diminished.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2020	Summer 2023

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Funds Required
GO Bonds	\$855,000	\$850,000	\$5,000	-	-	-	-	-	\$5,000	-
NVTA 30%	1,739,000	336,000	1,403,000	-	-	-	-	-	1,403,000	-
Total Sources	\$2,594,000	\$1,186,000	\$1,408,000	\$—	\$—	\$—	\$—	\$—	\$1,408,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Project Cost
Project Management	\$21,000	\$16,000	\$5,000	-	-	-	-	-	\$5,000	-
Design/Engineering	100,000	100,000	-	-	-	-	-	-	-	-
Utility Relocation	43,000	40,000	3,000	-	-	-	-	-	3,000	-
Construction	2,430,000	1,030,000	1,400,000	-	-	-	-	-	1,400,000	-
Total Uses	\$2,594,000	\$1,186,000	\$1,408,000	\$—	\$—	\$—	\$—	\$—	\$1,408,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Miscellaneous Roadway, Pedestrian, and ADA Projects (20005)

STATUS: Ongoing

LOCATION: Town-wide

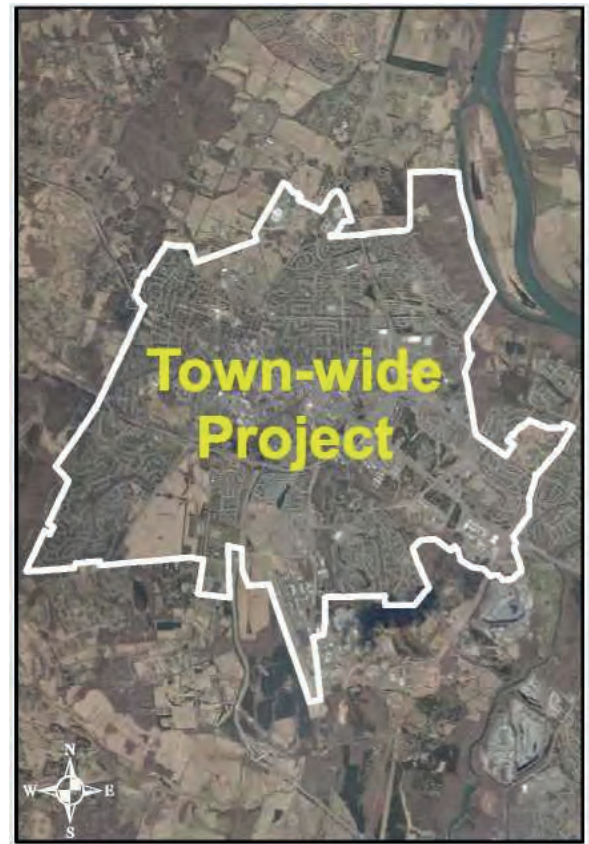
PROGRAM DESCRIPTION: Multi-year project for design and construction of miscellaneous improvements to roadways, trails, and sidewalks to extend the long-term life of the facilities and to meet the requirements of the Americans with Disabilities Act (ADA). This work will involve enhancing handicap ramps and crosswalks, eliminating trip hazards, deep patching of roadway pavements, and other related work as outlined in the Town's ADA Transition Plan.

OPERATING IMPACT: Minimal.

GOAL ADDRESSED: 2012 Town Plan • Chapter 9 Transportation Objective 1 calls for the Town to maintain the adopted roadway level of service standards for all roadways within the Town, and Objective 5 calls for a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes walking.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Ongoing	Ongoing



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$6,300,200	-	\$807,800	\$1,008,600	\$1,111,900	\$1,114,000	\$1,117,300	\$1,140,600	\$6,300,200	-
Total Sources	\$6,300,200	\$—	\$807,800	\$1,008,600	\$1,111,900	\$1,114,000	\$1,117,300	\$1,140,600	\$6,300,200	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$60,000	-	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	-
Design/Engineering	405,000	-	50,000	50,000	75,000	75,000	75,000	80,000	405,000	-
Construction	5,835,200	-	747,800	948,600	1,026,900	1,029,000	1,032,300	1,050,600	5,835,200	-
Total Uses	\$6,300,200	\$—	\$807,800	\$1,008,600	\$1,111,900	\$1,114,000	\$1,117,300	\$1,140,600	\$6,300,200	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Monroe Street & Madison Court Improvements (25302)

STATUS: Future

LOCATION: Monroe Street SE (400 block) and Madison Court SE (Monroe Street to Madison House)

PROGRAM DESCRIPTION: Design and construction of improvements to approximately 850 linear feet of Monroe Street, SE from South King Street to the cul-de-sac at Madison House, and approximately 500 linear feet of Madison Court, SE from Monroe Street to the cul-de-sac. The improvements will include new curb and gutter, storm drainage, and on-street parking and sidewalk on the south side of Monroe Street and the west side of Madison Court.

OPERATING IMPACT: Increase maintenance for sidewalk and drainage system.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 1 calls for maintaining the adopted roadway level of service standards for all roadways within the Town.

- Transportation Objective 5 calls for providing a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes bicycling and walking.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2025	Summer 2028

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$60,300	-	-	-	-	\$13,300	\$22,000	\$25,000	\$60,300	-
NVTA 30%	2,770,700	-	-	-	-	222,700	1,232,000	1,316,000	2,770,700	-
Total Sources	\$2,831,000	\$—	\$—	\$—	\$—	\$236,000	\$1,254,000	\$1,341,000	\$2,831,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$60,300	-	-	-	-	\$13,300	\$22,000	\$25,000	\$60,300	-
Land	200,000	-	-	-	-	-	200,000	-	200,000	-
Design/Engineering	222,700	-	-	-	222,700	-	-	-	222,700	-
Utility Relocation	58,000	-	-	-	-	58,000	-	-	58,000	-
Construction	2,290,000	-	-	-	-	974,000	1,316,000	-	2,290,000	-
Total Uses	\$2,831,000	\$—	\$—	\$—	\$—	\$236,000	\$1,254,000	\$1,341,000	\$2,831,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Morven Park Road Sidewalk (14301)

STATUS: Ongoing

LOCATION: Morven Park Road (West Market Street to Old Waterford Road)

PROGRAM DESCRIPTION: The project consists of constructing missing segments of sidewalk along the west side of Morven Park Road to provide continuous pedestrian access between West Market Street and Old Waterford Road. The project will improve drainage and provide a uniform roadway section by completing the curb and gutter on both sides of the street and extending the storm drain system. The waterline will be replaced between West Market Street and Old Waterford Road, as well as on Old Waterford Road, at the request of the Utilities Department.

OPERATING IMPACT: Minimal increased maintenance of sidewalk and drainage system.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 5 calls for providing a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes bicycling and walking.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2018	Winter 2024



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	Year						Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$200,000	-	\$200,000	-	-	-	-	-	\$200,000	-
NVTA 30%	\$4,638,200	\$2,424,200	\$2,204,000	\$10,000	-	-	-	-	\$2,214,000	-
State - VDOT	1,000,000	1,000,000	-	-	-	-	-	-	-	-
Total Sources	\$5,838,200	\$3,424,200	\$2,404,000	\$10,000	\$—	\$—	\$—	\$—	\$2,414,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	Year						Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$354,200	\$324,200	\$20,000	\$10,000	-	-	-	-	\$30,000	-
Land	200,000	200,000	-	-	-	-	-	-	-	-
Design/Engineering	400,000	400,000	-	-	-	-	-	-	-	-
Utility Relocation	200,000	200,000	-	-	-	-	-	-	-	-
Construction	4,684,000	2,300,000	2,384,000	-	-	-	-	-	2,384,000	-
Total Uses	\$5,838,200	\$3,424,200	\$2,404,000	\$10,000	\$—	\$—	\$—	\$—	\$2,414,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
Lane Mile Maintenance	-	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Total Impact	\$—	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000

TITLE: North Street Improvements - King Street to Old Waterford Road (28301)

STATUS: Future

LOCATION: North Street from King Street to Old Waterford Road

PROGRAM DESCRIPTION: Improve approximately 720 linear feet of North Street between King Street and Old Waterford Road. The project consists of pavement reconstruction, drainage improvements, new and rehabilitated sidewalks, driveway aprons, curb and gutter, and handicapped ramps in accordance with ADA standards.

OPERATING IMPACT: Minimal.

GOAL ADDRESSED: 2012 Town Plan • Chapter 9 Transportation Objective Goal 5 calls for a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes walking



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2027	Fall 2031

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$1,500,000	-	-	-	-	-	-	\$260,000	\$260,000	\$1,240,000
Total Sources	\$1,500,000	\$—	\$—	\$—	\$—	\$—	\$—	\$260,000	\$260,000	\$1,240,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$50,000	-	-	-	-	-	-	\$10,000	\$10,000	\$40,000
Land	1,450,000	-	-	-	-	-	-	250,000	250,000	1,200,000
Total Uses	\$1,500,000	\$—	\$—	\$—	\$—	\$—	\$—	\$260,000	\$260,000	\$1,240,000

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	\$—	\$—	\$—	\$—	\$—	\$—
Total Impact	\$—	\$—	\$—	\$—	\$—	\$—

TITLE: Plaza Street Sidewalk (25303)

STATUS: New

LOCATION: Plaza Street Sidewalk (25303)

PROGRAM DESCRIPTION: Construction of approximately 1,000 linear feet of sidewalk along the west side of Plaza Street between the Police Station and Edwards Ferry Road. This segment of sidewalk will complete a missing link and will improve pedestrian access and safety for residents of the Fields of Leesburg apartments and other residents in northeast Leesburg. The Town has applied for State grant funding for the work to begin in Fiscal Year 2023. If grant funding is not secured, this project will be moved to Fiscal Year 2028.

OPERATING IMPACT: Minimal

GOAL ADDRESSED: 2012 Town Plan • Chapter 9 Transportation Objective 5 calls for a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes walking.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2022	Fall 2025

Funding Sources

Sources	Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$77,710	-	\$10,000	\$30,950	\$26,760	\$10,000	-	-	\$77,710	-
Proffers	\$68,000	-	-	-	\$68,000	-	-	-	\$68,000	-
NVTA 30%	111,050	-	36,000	37,810	37,240	-	-	-	111,050	-
State- VDOT	816,990	-	144,000	151,240	521,750	-	-	-	816,990	-
Total Sources	\$1,073,750	\$—	\$190,000	\$220,000	\$653,750	\$10,000	\$—	\$—	\$1,073,750	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$60,950	-	\$10,000	\$30,950	\$10,000	\$10,000	-	-	\$60,950	-
Design/Engineering	120,000	-	120,000	-	-	-	-	-	120,000	-
Land	160,000	-	60,000	100,000	-	-	-	-	160,000	-
Utility Relocation	89,050	-	-	89,050	-	-	-	-	89,050	-
Construction	643,750	-	-	-	643,750	-	-	-	643,750	-
Total Uses	\$1,073,750	\$—	\$190,000	\$220,000	\$653,750	\$10,000	\$—	\$—	\$1,073,750	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	-	-	-	-	-	-
Total Impact	—	—	—	—	—	—

TITLE: Royal Street Improvements - Church Street to Wirt Street (23301)

STATUS: New

LOCATION: Royal Street between Church Street SE and Wirt Street SW

PROGRAM DESCRIPTION: Improve approximately 950 linear feet of Royal Street between Church Street SE and Wirt Street SW. The purpose of the improvements are to make the area more walkable, to eliminate drainage problems, and to improve aesthetics of the area. Improvements will include replaced curb and gutter, brick sidewalks, storm drainage, and road improvements.

OPERATING IMPACT: Increased sidewalk and storm drain system maintenance

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 5 calls for providing a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes bicycling and walking.

- Community Facilities and Services Objective 8 calls for providing adequate storm water management that meets state and federal criteria for water quality.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2022	Summer 2025



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
NVTA 30%	\$3,583,000	-	\$567,000	\$530,000	\$2,486,000	-	-	-	\$3,583,000	-
Total Sources	\$3,583,000	\$—	\$567,000	\$530,000	\$2,486,000	\$—	\$—	\$—	\$3,583,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$105,000	-	\$40,000	\$40,000	\$25,000	-	-	-	\$105,000	-
Land	350,000	-	200,000	150,000	-	-	-	-	350,000	-
Design/Engineering	483,000	-	327,000	156,000	-	-	-	-	483,000	-
Utility Relocation	184,000	-	-	184,000	-	-	-	-	184,000	-
Construction	2,461,000	-	-	-	2,461,000	-	-	-	2,461,000	-
Total Uses	\$3,583,000	\$—	\$567,000	\$530,000	\$2,486,000	\$—	\$—	\$—	\$3,583,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Route 15 Bypass/Edwards Ferry Road Interchange (09307)

STATUS: Ongoing

LOCATION: Edwards Ferry Road/Route 15 Leesburg Bypass intersection

PROGRAM DESCRIPTION: The project consists of the development of a new grade-separated interchange on Edwards Ferry Road at the Route 15 Leesburg Bypass and will include the intersection at Fort Evans Road. These two existing signalized at-grade intersections are heavily congested and have high accident rates. Route 15 serves as a major commuter route, and there are numerous large retail developments in the area that generate significant traffic volumes. Currently, large volumes of pedestrian traffic cross the bypass between the residential areas inside the bypass and the commercial development outside the bypass.

OPERATING IMPACT: TBD

GOAL ADDRESSED: 2012 Town Plan • The Transportation Corridor Objectives calls for a grade-separated interchange at this location.

- Transportation Objective calls for providing a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes bicycling and walking.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
TBD	TBD



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$530,400	\$170,400	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$360,000	-
PAY-GO	160,000	160,000	-	-	-	-	-	-	-	-
NVTA 70%	9,585,000	9,585,000	-	-	-	-	-	-	-	-
NVTA 30%	26,800	26,800	-	-	-	-	-	-	-	-
State- VDOT	173,776,600	-	-	-	6,061,600	1,742,000	2,000,000	3,293,400	13,097,000	160,679,600
Total Sources	\$184,078,800	\$9,942,200	\$60,000	\$60,000	\$6,121,600	\$1,802,000	\$2,060,000	\$3,353,400	\$13,457,000	\$160,679,600

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$1,002,200	\$642,200	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$360,000	-
Land	13,389,000	4,000,000	-	-	-	414,000	2,000,000	3,293,400	5,707,400	3,681,600
Design/ Engineering	12,689,600	5,300,000	-	-	6,061,600	1,328,000	-	-	7,389,600	-
Construction	156,998,000	-	-	-	-	-	-	-	-	156,998,000
Total Uses	\$184,078,800	\$9,942,200	\$60,000	\$60,000	\$6,121,600	\$1,802,000	\$2,060,000	\$3,353,400	\$13,457,000	\$160,679,600

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	-	-	-	-	-	-
Total Impact	-	-	-	-	-	-

TITLE: South King Street Bridge over Tuscarora Creek Deck Replacement (23302)

STATUS: New

LOCATION: South King Street Bridge over Tuscarora Creek

PROGRAM DESCRIPTION: The South King Street bridge over Tuscarora Creek, located immediately south of the Clubhouse Drive intersection, was originally constructed in 1952 and was widened in 1970. A recent inspection and analysis of the bridge revealed that the bridge deck and other minor structural elements of the bridge are in poor condition. It is forecast that these deficient bridge elements will require repair and/or replacement within the next five years.

OPERATING IMPACT: Reduced maintenance expense.

GOAL ADDRESSED: 2012 Town Plan • Chapter 9 Transportation Objective 1 calls for the Town to maintain roadway level of service standards.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2024	Summer 2024



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$20,000	-	-	\$20,000	-	-	-	-	\$20,000	-
State - VDOT	\$189,000	-	-	\$189,000	-	-	-	-	\$189,000	-
Total Sources	\$209,000	\$-	\$-	\$209,000	\$-	\$-	\$-	\$-	\$209,000	\$-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$20,000	-	-	\$20,000	-	-	-	-	\$20,000	-
Construction	189,000	-	-	189,000	-	-	-	-	189,000	-
Total Uses	\$209,000	\$-	\$-	\$209,000	\$-	\$-	\$-	\$-	\$209,000	\$-

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: South King Street Improvements - W&OD Trail to Royal Street (27303)

STATUS: Future

LOCATION: South King Street (Royal Street to W&OD Trail)

PROGRAM DESCRIPTION: Improve approximately 620 linear feet of South King Street between W&OD Trail and Royal Street. The project consists of pavement reconstruction, drainage improvements, decorative lighting, new and rehabilitated brick sidewalks, driveway aprons, curb and gutter, and handicapped ramps in accordance with ADA standards.

OPERATING IMPACT: Minimal.

GOAL ADDRESSED: 2012 Town Plan • Chapter 9 Transportation Objective Goal 5 calls for a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes walking.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2026	Spring 2030



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required	
			2023	2024	2025	2026	2027	2028			
GO Bonds	\$915,000	-	-	-	-	-	\$235,000	\$670,000	\$905,000	\$10,000	
State- VDOT	875,000	-	-	-	-	-	225,000	650,000	875,000	-	
Total Sources	\$1,790,000	\$—	\$—	\$—	\$—	\$—	\$—	\$460,000	\$1,320,000	\$1,780,000	\$10,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost	
			2023	2024	2025	2026	2027	2028			
Project Management	\$30,000	-	-	-	-	-	\$10,000	\$10,000	\$20,000	\$10,000	
Land	190,000	-	-	-	-	-	190,000	-	190,000	-	
Design/ Engineering	190,000	-	-	-	-	-	190,000	-	190,000	-	
Utility Relocation	70,000	-	-	-	-	-	70,000	-	70,000	-	
Construction	1,310,000	-	-	-	-	-	-	1,310,000	1,310,000	-	
Total Uses	\$1,790,000	\$—	\$—	\$—	\$—	\$—	\$—	\$460,000	\$1,320,000	\$1,780,000	\$10,000

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Traffic Signal Fiber Connections (23303)

STATUS: New

LOCATION: Town-wide

PROGRAM DESCRIPTION: Installation of fiber optic connections to seven Town traffic signals to ensure system connectivity. This project will ensure traffic signal-system connectivity for monitoring of signal operations and communications. Funding for project implementation has been phased over two fiscal years.

OPERATING IMPACT: Minimal.

GOAL ADDRESSED: 2012 Town Plan • Chapter 9 Transportation
Objective 1 calls for the town to maintain roadway level of service standards.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2022	Spring 2024



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
PAY-GO	\$500,000	-	\$250,000	\$250,000	-	-	-	-	\$500,000	-
Total Sources	\$500,000	\$—	\$250,000	\$250,000	\$—	\$—	\$—	\$—	\$500,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Facility Repair/Renovation	\$500,000	-	\$250,000	\$250,000	-	-	-	-	\$500,000	-
Total Uses	\$500,000	\$—	\$250,000	\$250,000	\$—	\$—	\$—	\$—	\$500,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Traffic Signal - Sycolin Road & Gateway Drive (24302)

STATUS: Future

LOCATION: Sycolin Road / Gateway Drive intersection

PROGRAM DESCRIPTION: Construct a new traffic signal at the intersection of Sycolin Road and Gateway Drive. The signal is anticipated to be warranted due to increased traffic volumes in the area.

OPERATING IMPACT: Additional maintenance and operation of the signal.

GOAL ADDRESSED: 2012 Town Plan • Chapter 9 Transportation Objective 1 calls for the Town to maintain roadway level of service standards.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2024	Winter 2026



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Funds Required
Proffers	300,000	-	-	-	-	300,000	-	-	300,000	-
NVTA 30%	280,000	-	-	-	131,000	149,000	-	-	280,000	-
State- VDOT	315,000	-	-	-	-	315,000	-	-	315,000	-
Total Sources	\$895,000	\$—	\$—	\$—	\$131,000	\$764,000	\$—	\$—	\$895,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Project Cost
Project Management	\$40,000	-	-	-	\$20,000	\$20,000	-	-	\$40,000	-
Land	40,000	-	-	-	40,000	-	-	-	40,000	-
Design/ Engineering	71,000	-	-	-	71,000	-	-	-	71,000	-
Construction	744,000	-	-	-	-	744,000	-	-	744,000	-
Total Uses	\$895,000	\$—	\$—	\$—	\$131,000	\$764,000	\$—	\$—	\$895,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	-	-	-	-	-	-
Total Impact	—	—	—	—	—	—

TITLE: Valley View Avenue Sidewalk - Davis Avenue to Barricade (28302)

STATUS: Future

LOCATION: Valley View Avenue - Davis Avenue to Barricade (28302) Valley View Avenue - Davis Avenue to Barricade (28302)

PROGRAM DESCRIPTION: Design and construction of roadway and sidewalk improvements on Valley View Avenue (from Stratford Place to Pastoral Place). Through traffic on Valley View Avenue has been blocked by barricades since the street was extended north as part of the Crestwood Hamlet development during the 1970s. Since that time, the need for the interconnection has increased with the growth in population in Leesburg. This need will be increased by the construction of the White Oak development at the old Rogers Farm site. Opening the street to through traffic will improve interconnectivity between residential communities and will improve access by emergency vehicles and Town services.

OPERATING IMPACT: Minimal.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 1 calls for maintaining the adopted roadway level of service for all roadways in the Town.

- Transportation Objective 5 calls for providing a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes bicycling and walking.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2027	Fall 2028



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required	
			2023	2024	2025	2026	2027	2028			
GO Bonds	\$930,000	-	-	-	-	-	-	-	\$180,000	\$180,000	\$750,000
Total Sources	\$930,000	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$180,000	\$180,000	\$750,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost	
			2023	2024	2025	2026	2027	2028			
Project Management	\$60,000	-	-	-	-	-	-	-	\$30,000	\$30,000	\$30,000
Land	20,000	-	-	-	-	-	-	-	-	-	20,000
Design/Engineering	150,000	-	-	-	-	-	-	-	150,000	150,000	-
Utility Relocation	50,000	-	-	-	-	-	-	-	-	-	50,000
Construction	650,000	-	-	-	-	-	-	-	-	-	650,000
Total Uses	\$930,000	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$180,000	\$180,000	\$750,000

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

Storm Drainage

Funding for the Storm Drainage category will continue in the FY 2023-28 Capital Improvements Program. The total cost of Storm Drainage Capital Improvements is \$3,206,000 in Fiscal Year 2023 in order to continue the storm drainage improvements for Town Branch Stream Channel at Mosby Drive - Catoctin Circle to Morven Park Road; Miscellaneous storm drainage issues; and Lawson Road Pedestrian Crossing of Tuscarora Creek.

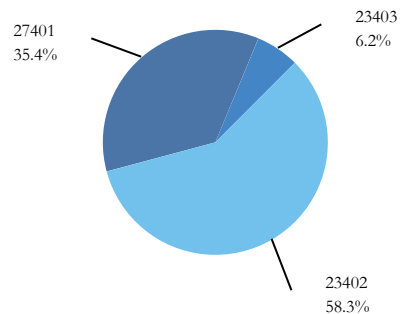
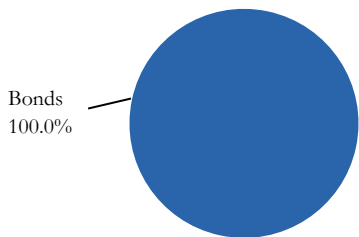
Sources of Funding

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025-2028	Total for 6 Yr CIP	Future Funds Required
Capital Projects Fund							
GO Bonds	\$5,393,200	\$249,200	\$3,206,000	\$1,338,000	\$600,000	\$5,144,000	\$—
State - DEQSLAF	1,000,000	—	—	1,000,000	—	1,000,000	—
Total Capital Projects Fund	\$6,393,200	\$249,200	\$3,206,000	\$2,338,000	\$600,000	\$6,144,000	\$—
Total Sources	\$6,393,200	\$249,200	\$3,206,000	\$2,338,000	\$600,000	\$6,144,000	\$—

Uses by Project

Projects	Total Project Cost	Expended through 6/30/22	2023	2024	2025-2028	Total for 6 Yr CIP	Future Project Cost
Lawson Rd. Pedestrian Crossing of Tuscarora Creek (27401)	\$1,487,200	\$249,200	\$1,136,000	\$102,000	\$—	\$1,238,000	\$—
Liberty Street SW Storm Drainage Improvements (23401)	673,000	—	—	673,000	—	673,000	—
Miscellaneous Storm Drainage Construction & Repair (23403)	1,200,000	—	200,000	400,000	600,000	1,200,000	—
Town Branch Stream Channel Improvements at Mosby Drive - Catoctin Circle to Morven Park Road (23402)	3,033,000	—	1,870,000	1,163,000	—	3,033,000	—
Total Uses	\$6,393,200	\$249,200	\$3,206,000	\$2,338,000	\$600,000	\$6,144,000	\$—

Sources by Type (2023)	Uses by Project (2023)
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TITLE: Lawson Road Pedestrian Crossing of Tuscarora Creek (27401)

STATUS: Ongoing

LOCATION: Lawson Road (Beauregard Drive to W&OD Trail)

PROGRAM DESCRIPTION: Tuscarora Creek has significantly deteriorated the low water crossing between two cul-de-sacs on Lawson Road. A new stream crossing will provide bicycle and pedestrian access to the W&OD Trail from adjacent residential communities. Bank erosion approximately 200 feet upstream of the crossing will be stabilized to reduce further bank loss. Design cost is anticipated in fiscal year 2023 to comply with environmental requirements if the project receives federal funding. Design cost is anticipated in fiscal year 2024 for the as-built letter of map revision process to verify FEMA floodplain impacts.

OPERATING IMPACT: Minor increased cost for maintenance of the crossing.

GOAL ADDRESSED: 2012 Town Plan • Natural Resources Objective 9 calls for protection of people and property from natural hazards such as flooding.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2021	Spring 2023

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$1,487,200	\$249,200	\$1,136,000	\$102,000	-	-	-	-	\$1,238,000	-
Total Sources	\$1,487,200	\$249,200	\$1,136,000	\$102,000	-	-	-	\$—	\$1,238,000	-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$70,000	\$20,000	\$30,000	\$20,000	-	-	-	-	\$50,000	-
Design/Engineering	411,200	229,200	100,000	82,000	-	-	-	-	182,000	-
Land	15,000	-	15,000	-	-	-	-	-	15,000	-
Utility Relocation	17,000	-	17,000	-	-	-	-	-	17,000	-
Construction	974,000	-	974,000	-	-	-	-	-	974,000	-
Total Uses	\$1,487,200	\$249,200	\$1,136,000	\$102,000	\$—	\$—	\$—	\$—	\$1,238,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	\$ —	\$ —	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Total Impact	—	—	2,000	2,000	2,000	2,000

TITLE: Liberty Street SW Storm Drainage Improvements (23401)

STATUS: Future

LOCATION: Liberty Street between Loudoun Street and West Market Street

PROGRAM DESCRIPTION: Improvement to the existing storm sewer system on Liberty Street between Loudoun Street and West Market Street to correct drainage system deficiencies which cause flooding of the street and an adjacent house. A study being performed will include recommended improvements to mitigate the flooding.

OPERATING IMPACT: None.

GOAL ADDRESSED: 2012 Town Plan • The Community Facilities and Services goal is to provide community facilities and services in a cost-effective, equitable, and environmentally sensitive manner. Objective 8 addresses providing adequate stormwater management facilities.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2023	Summer 2024

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$673,000	-	-	\$673,000	-	-	-	-	\$673,000	-
Total Sources	\$673,000	\$—	\$—	\$673,000	\$—	\$—	\$—	\$—	\$673,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$33,000	-	-	\$33,000	-	-	-	-	\$33,000	-
Design/Engineering	139,000	-	-	139,000	-	-	-	-	139,000	-
Construction	501,000	-	-	501,000	-	-	-	-	501,000	-
Total Uses	\$673,000	\$—	\$—	\$673,000	\$—	\$—	\$—	\$—	\$673,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Miscellaneous Storm Drainage Construction & Repair (23403)

STATUS: Ongoing

LOCATION: Town-wide

PROGRAM DESCRIPTION: Storm drainage inspection program has identified areas of storm pipe that is 20+ years old and in need of repair, maintenance and/or total replacement in kind.

OPERATING IMPACT: N/A

GOAL ADDRESSED: 2012 Town Plan • The Community Facilities and Services goal is to provide community facilities and services in a cost-effective, equitable, and environmentally sensitive manner.

- Objective 8 address providing adequate storm water management facilities.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2022	Spring 2025



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$1,200,000	-	\$200,000	\$400,000	\$600,000	-	-	-	\$1,200,000	-
Total Sources	\$1,200,000	\$—	\$200,000	\$400,000	\$600,000	\$—	\$—	\$—	\$1,200,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$75,000	-	\$25,000	\$25,000	\$25,000	-	-	-	\$75,000	-
Design/Engineering	15,000	-	5,000	5,000	5,000	-	-	-	15,000	-
Facility Repair/Renovation	1,110,000	-	170,000	370,000	570,000	-	-	-	1,110,000	-
Total Uses	\$1,200,000	\$—	\$200,000	\$400,000	\$600,000	\$—	\$—	\$—	\$1,200,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Town Branch Stream Channel Improvements at Mosby Drive - Catoctin Circle to Morven Park Road (23402)

STATUS: Ongoing

LOCATION: Mosby Drive - Catoctin Circle SW to Morven Park Road SW

PROGRAM DESCRIPTION: Improvements to an existing stream channel that is experiencing significant erosion and is affecting adjoining properties. The erosion is causing a large sediment transport issue that is an area of concern for the Town's Chesapeake Bay TMDL required reductions.

OPERATING IMPACT: Moderate impact due to ongoing maintenance requirements to receive TMDL credits.

GOAL ADDRESSED: 2012 Town Plan • Natural Resources Objective 2 calls for protection and restoration of the ecological integrity of streams by utilizing watershed management tools to offset the impacts of development.

- Natural Resources Objective 9 calls for the protection of people and property from natural hazards such as flooding.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2022	Winter 2025/26



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	Year						Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$2,033,000	-	\$1,870,000	\$163,000	-	-	-	-	\$2,033,000	-
State-DEQSLAF	1,000,000	-	-	1,000,000	-	-	-	-	1,000,000	-
Total Sources	\$3,033,000	\$—	\$1,870,000	\$1,163,000	\$—	\$—	\$—	\$—	\$3,033,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	Year						Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$140,000	-	\$90,000	\$50,000	-	-	-	-	\$140,000	-
Land	300,000	-	300,000	-	-	-	-	-	300,000	-
Design/Engineering	400,000	-	400,000	-	-	-	-	-	400,000	-
Construction	2,193,000	-	1,080,000	1,113,000	-	-	-	-	2,193,000	-
Total Uses	\$3,033,000	\$—	\$1,870,000	\$1,163,000	\$—	\$—	\$—	\$—	\$3,033,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	\$ —	\$ —	\$ —	\$ 15,000	\$ 15,000	\$ 15,000
Total Impact	\$ —	\$ —	\$ —	\$ 15,000	\$ 15,000	\$ 15,000



TITLE: Airport Apron Paving (23001)

STATUS: New

LOCATION: Leesburg Executive Airport

PROGRAM DESCRIPTION: Mill and overlay existing aircraft apron area located south of the Terminal Building near the fixed base operator (FBO) Maintenance and Corporate Hangar. This approximately 46,000 square yard apron was identified in the 2015 Virginia Department of Aviation Pavement Management Update as currently having "fair" pavement condition, with a forecast of "poor" pavement condition prior to 2021. The apron provides 75 tie-downs for based and transient aircraft, as well as taxi lanes for maneuvering aircraft to the hangar and terminal areas. The estimated completion schedule for this project is contingent on receiving the funding the Town plans to request from the Federal Aviation Administration and the Virginia Department of Aviation. This project is in accordance with the 2019 Airport Master Plan.

OPERATING IMPACT: Minimal.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 6 calls for the promotion and protection of the Leesburg Executive Airport as a primary reliever airport within the regional air transportation system. 2019 Airport Master Plan • Identifies the apron pavement as needing rehabilitation.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2021	Summer 2024

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	Year						Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$89,000	\$20,000	\$9,000	\$60,000	-	-	-	-	\$69,000	-
State- DOAV	220,000	12,000	-	208,000	-	-	-	-	208,000	-
Federal- FAA	2,510,000	135,000	35,000	2,340,000	-	-	-	-	2,375,000	-
Total Sources	\$2,819,000	\$167,000	\$44,000	\$2,608,000	\$—	\$—	\$—	\$—	\$2,652,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	Year						Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$29,000	\$12,000	\$9,000	\$8,000	-	-	-	-	\$17,000	-
Design/ Engineering	190,000	155,000	35,000	-	-	-	-	-	35,000	-
Construction	2,600,000	-	-	2,600,000	-	-	-	-	2,600,000	-
Total Uses	\$2,819,000	\$167,000	\$44,000	\$2,608,000	\$—	\$—	\$—	\$—	\$2,652,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	-	-	-	-	-	-
Total Impact	-	-	-	-	-	-

TITLE: Airport FBO Hangar Purchase (22001)

STATUS: Future

LOCATION: Leesburg Executive Airport

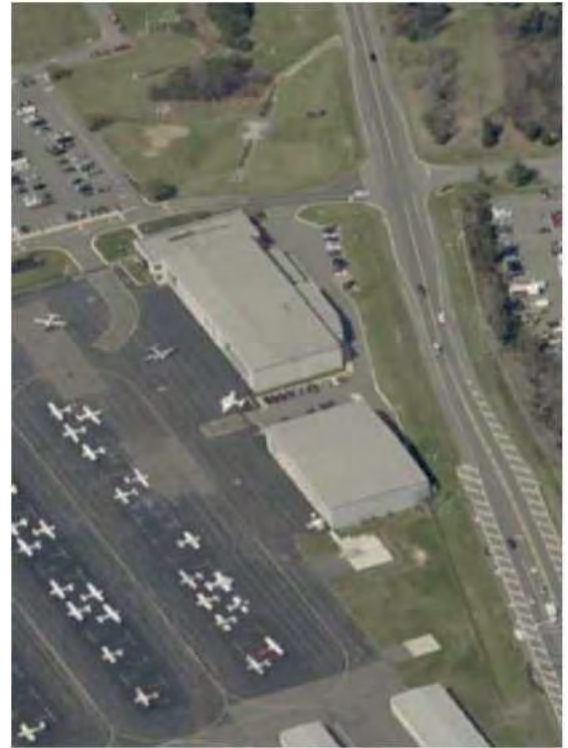
PROGRAM DESCRIPTION: Purchase of the fixed-base operator (FBO) hangars. Town acquisition of an existing commercial hangar complex would ensure critical aviation business services such as aircraft refueling, aircraft maintenance, and avionics repair remain available. These services are important to retain based aircraft tenants and to competitively attract new tenants and aviation businesses. The Town could directly encourage aviation business growth in the commercial facility while creating a new revenue stream. Currently, no Town rental revenue derives from the existing commercial hangar tenants.

OPERATING IMPACT: Increased building maintenance costs.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 6 calls for the promotion and protection of the Leesburg Executive Airport as a primary reliever airport within the regional air transportation system.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2025	Fall 2025



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Funds Required
GO Bonds	\$3,010,000	-	-	-	-	\$3,010,000	-	-	\$3,010,000	-
Total Sources	\$3,010,000	\$-	\$-	\$-	\$-	\$3,010,000	\$-	\$-	\$3,010,000	\$-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Project Cost
Project Management	\$10,000	-	-	-	-	\$10,000	-	-	\$10,000	-
Land	3,000,000	-	-	-	-	3,000,000	-	-	3,000,000	-
Total Uses	\$3,010,000	\$-	\$-	\$-	\$-	\$3,010,000	\$-	\$-	\$3,010,000	\$-

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Airport North Apron Paving - Hangars C & D Rehabilitation (23004)

STATUS: New

LOCATION: Leesburg Executive Airport

PROGRAM DESCRIPTION: Rehabilitate the existing aircraft aprons located around Hangars C&D. These aprons are exhibiting cracking and stresses and the latest Pavement Management Plan, prepared by the Virginia Department of Aviation and published in 2015, forecasted a Pavement Condition Index below the acceptable score. A study including geotechnical testing was completed in 2021 and recommends full rehabilitation of these aprons within the next two to three years. Funding participation is anticipated from the Virginia Department of Aviation (DOAV) for this project.

OPERATING IMPACT: Minimal.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 6 calls for the promotion and protection of the Leesburg Executive Airport as a primary reliever airport within the regional air transportation system.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2022	Summer 2024



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	Year						Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$211,200	-	\$35,000	\$176,200	-	-	-	-	\$211,200	-
State- DOAV	724,800	-	80,000	644,800	-	-	-	-	724,800	-
Total Sources	\$936,000	\$—	\$115,000	\$821,000	\$—	\$—	\$—	\$—	\$936,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	Year						Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$30,000	-	\$15,000	\$15,000	-	-	-	-	\$30,000	-
Design/ Engineering	100,000	-	100,000	-	-	-	-	-	100,000	-
Facility Repair/ Renovation	806,000	-	-	806,000	-	-	-	-	806,000	-
Total Uses	\$936,000	\$—	\$115,000	\$821,000	\$—	\$—	\$—	\$—	\$936,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	\$—	\$—	\$—	\$—	\$—	\$—
Total Impact	—	—	—	—	—	—

TITLE: Airport North Hangars (19002)

STATUS: Ongoing

LOCATION: Leesburg Executive Airport

PROGRAM DESCRIPTION: This project will develop 11 new tie-down spaces, 26 new T-hangars, three corporate box hangars and a future 180' x 80' future building parcel on the northeast corner of the airport property. The project will replace a loss of hangar capacity due to the planned demolition of three old T-hangar buildings in order to comply with Federal Aviation Administration (FAA) runway-separation design standards. The project will include construction of an aircraft taxiway connector, aprons, storm drainage with nutrient treatment onsite, and utilities necessary to serve the facilities. Funding participation is anticipated from the FAA and the Virginia Department of Aviation (DOAV) for eligible portions of site work and paving; however, timing and final amounts are to be determined. This project is in accordance with the 2019 Airport Master Plan.

OPERATING IMPACT: Minimal electric costs.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 6 calls for promotion and protection of the Leesburg Executive Airport as a primary reliever airport within the regional air transportation system. 2019 Airport Master Plan • Recommends construction of corporate and T-hangars to meet aircraft parking demand.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2019	Fall 2023



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$4,369,100	4,344,100	\$20,000	\$5,000	-	-	-	-	\$25,000	-
PAY-GO	102,000	102,000	-	-	-	-	-	-	-	-
State- DOAV	239,700	239,700	-	-	-	-	-	-	-	-
Federal- FAA	4,218,200	4,218,200	-	-	-	-	-	-	-	-
Total Sources	\$8,929,000	\$8,904,000	\$20,000	\$5,000	\$—	\$—	\$—	\$—	\$25,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$156,000	\$131,000	\$20,000	\$5,000	-	-	-	-	\$25,000	-
Design/ Engineering	320,000	320,000	-	-	-	-	-	-	-	-
Construction	8,453,000	8,453,000	-	-	-	-	-	-	-	-
Total Uses	\$8,929,000	\$8,904,000	\$20,000	\$5,000	\$—	\$—	\$—	\$—	\$25,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
Electricity	\$—	\$800	\$800	\$800	\$800	\$800
General Maintenance	—	2,200	2,200	2,200	2,200	2,200
Total Impact	\$—	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000

TITLE: Airport Parallel Taxiway Relocation (23002)

STATUS: Future

LOCATION: Leesburg Executive Airport

PROGRAM DESCRIPTION: Relocation and reconstruction of the existing parallel taxiway further from the runway in order to meet Federal Aviation Administration (FAA) standards. The project has been broken into two construction phases to facilitate funding opportunities. The estimated completion schedule for this project is contingent on receiving the funding to be requested from the Federal Aviation Administration (FAA) and the Virginia Department of Aviation (DOAV) for eligible portions of the project and based on the 2021 CIP scheduled provided by the FAA. This project is in accordance with the 2019 Airport Master Plan.

OPERATING IMPACT: None.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 6 calls for the promotion and protection of the Leesburg Executive Airport as a primary reliever airport within the regional air transportation system. 2019 Airport Master Plan • Identifies need to relocate the parallel taxiway to meet current standards.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2024	Winter 2028/2029

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Funds Required
GO Bonds	\$377,640	-	-	\$36,000	\$35,440	\$11,000	\$143,100	\$144,100	\$369,640	\$8,000
State- DOAV	1,086,560	-	-	-	81,760	-	488,400	516,400	1,086,560	-
Federal- FAA	12,223,800	-	-	-	919,800	-	5,494,500	5,809,500	12,223,800	-
Total Sources	\$13,688,000	\$—	\$—	\$36,000	\$1,037,000	\$11,000	\$6,126,000	\$6,470,000	\$13,680,000	\$8,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Project Cost
Project Management	\$68,000	-	-	\$10,000	\$15,000	\$5,000	\$15,000	\$15,000	\$60,000	\$8,000
Design/ Engineering	1,060,000	-	-	26,000	1,022,000	6,000	6,000	-	1,060,000	-
Construction	12,560,000	-	-	-	-	-	6,105,000	6,455,000	12,560,000	-
Total Uses	\$13,688,000	\$—	\$—	\$36,000	\$1,037,000	\$11,000	\$6,126,000	\$6,470,000	\$13,680,000	\$8,000

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Airport RPZ Land Acquisition (25002)

STATUS: Future

LOCATION: Leesburg Executive Airport

PROGRAM DESCRIPTION: The 2019 Airport Master Plan has identified a need for the airport to acquire the land within the runway protection zone. For safety reasons, it is important that minimal development occur in the area. The land acquisition will also provide land on which to update the Runway 17 Approach lighting system. Acquisition requires completion of an Environmental Assessment prior to negotiations and purchase. Funding participation is anticipated from the Federal Aviation Administration (FAA) and the Virginia Department of Aviation (DOAV) for eligible portions of the project.

OPERATING IMPACT: Minimal maintenance costs.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 6: Calls for the promotion and protection of the Leesburg Executive Airport as a primary reliever airport within the regional air transportation system.

2019 Airport Master Plan • Identifies the need for the airport to acquire the land within the runway protection zone to improve safety.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2024	Fall 2026

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Funds Required
GO Bonds	\$91,000	-	-	-	\$23,000	\$11,000	\$57,000		\$91,000	-
State- DOAV	224,000	-	-	-	12,000	12,000	200,000		224,000	-
Federal- FAA	2,520,000	-	-	-	135,000	135,000	2,250,000		2,520,000	-
Total Sources	\$2,835,000	\$—	\$—	\$—	\$170,000	\$158,000	\$2,507,000	\$—	\$2,835,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Project Cost
Project Management	\$30,000	-	-	-	\$15,000	\$8,000	\$7,000		\$30,000	-
Design/ Engineering	305,000	-	-	-	155,000	150,000	-		305,000	-
Land Acquisition	2,500,000	-	-	-	-	-	2,500,000		2,500,000	-
Total Uses	\$2,835,000	\$—	\$—	\$—	\$170,000	\$158,000	\$2,507,000	\$—	\$2,835,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Airport Runway Pavement Rehabilitation (23003)

STATUS: New

LOCATION: Leesburg Executive Airport

PROGRAM DESCRIPTION: Runway pavement condition is critical to the safe landing and takeoff for aircrafts. The most recent pavement evaluation completed in 2015 recommended a combination of mill and overlay and surface treatment over the next five years in order to maintain and restore pavement condition. Survey and geotechnical work is required to identify the condition of the Runway paving and the rehabilitation will likely include isolated repairs, milling, overlay, grooving and marking. Funding participation is anticipated from the Federal Aviation Administration (FAA) and the Virginia Department of Aviation (DOAV) for this project and is determining the schedule of the design and construction phases.

OPERATING IMPACT: None.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 6 calls for the promotion and protection of the Leesburg Executive Airport as a primary reliever airport within the regional air transportation system.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2023	Fall 2026



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	Year						Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$258,000	-	\$12,000	\$28,900	\$11,000	\$206,100	-	-	\$258,000	-
State- DOAV	820,000	-	-	55,600	-	764,400	-	-	820,000	-
Federal- FAA	9,225,000	-	-	625,500	-	8,599,500	-	-	9,225,000	-
Total Sources	\$10,303,000	\$—	\$12,000	\$710,000	\$11,000	\$9,570,000	\$—	\$—	\$10,303,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	Year						Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$42,000	-	\$7,000	\$15,000	\$5,000	\$15,000	-	-	\$42,000	-
Design/ Engineering	706,000	-	5,000	695,000	6,000	-	-	-	706,000	-
Construction	9,555,000	-	-	-	-	9,555,000	-	-	9,555,000	-
Total Uses	\$10,303,000	\$—	\$12,000	\$710,000	\$11,000	\$9,570,000	\$—	\$—	\$10,303,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Airport West Side Land Development (25001)

STATUS: Future

LOCATION: Leesburg Executive Airport

PROGRAM DESCRIPTION: Based on the forecasts of aviation demand, the Airport will need to begin developing the west side of the airport to accommodate the forecast growth in based aircraft. Proposed airport development west of the runway will require vehicular access from Compass Creek Parkway, which is currently under construction and immediately west of airport property. Entrance along this roadway will accommodate the airport vehicular traffic and allow direct access to the Dulles Greenway. The estimated completion schedule for this project is contingent on receiving the funding the Town plans to request from the Federal Aviation Administration and the Virginia Department of Aviation. This project is in accordance with the 2019 Airport Master Plan. A study is scheduled to be performed in Fiscal Year 2024 and the schedule and budget will be updated at that time to reflect the new information.

OPERATING IMPACT: Increased airport operating costs for road maintenance.

GOAL ADDRESSED: 2012 Town Plan • Transportation Objective 6 calls for the promotion and protection of the Leesburg Executive Airport as a primary reliever airport within the regional air transportation system. 2019 Airport Master Plan • Identifies the need for development of the west side of the airport.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2023	TBD



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$457,000	-	-	\$40,000	-	\$6,000	\$34,500	\$21,500	\$102,000	\$355,000
State- DOAV	644,000	-	-	-	-	-	18,000	6,000	24,000	620,000
Federal- FAA	7,245,000	-	-	-	-	-	202,500	67,500	270,000	6,975,000
Total Sources	\$8,346,000	\$—	\$—	\$40,000	\$—	\$6,000	\$255,000	\$95,000	\$396,000	\$7,950,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$251,000	-	-	-	-	\$1,000	\$30,000	\$20,000	\$51,000	\$200,000
Design/ Engineering	495,000	-	-	40,000	-	5,000	225,000	75,000	345,000	150,000
Construction	7,600,000	-	-	-	-	-	-	-	-	7,600,000
Total Uses	\$8,346,000	\$—	\$—	\$40,000	\$—	\$6,000	\$255,000	\$95,000	\$396,000	\$7,950,000

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—



Utilities

As a result of the Fiscal Year 2014-2024 Utility Rate Study, a comprehensive needs assessment was conducted for the Town's utilities system. The FY 2023-2028 Capital Improvements Program reflects the identified capital needs, and investments in the Town's water and sewer system at \$25,117,200 for Fiscal Year 2023. Capital projects for Fiscal Year 2023 include continuing SCADA System Upgrades; Sanitary Sewer Pump Station Upgrades; Town-wide Sanitary Sewer and Waterline Improvements and Repairs; the re-coating and rehabilitation of storage tanks at the Water Pollution Control Facility. New capital projects include: Water Treatment Plant sludge disposal improvements; Water Treatment Plant Electrical Upgrade and preliminary evaluation for Automated Water Meter Reading and Meter Technology upgrades.

Sources of Funding

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025-2028	Total for 6 Yr CIP	Future Funds Required
Utilities Bonds	\$113,613,535	\$7,370,585	\$11,842,200	\$7,643,550	\$15,962,200	\$35,447,950	\$70,795,000
Pay-GO Utilities	109,413,465	5,824,215	13,275,000	9,479,550	23,729,700	46,484,250	57,105,000
Total Utilities Fund	\$223,027,000	\$13,194,800	\$25,117,200	\$17,123,100	\$39,691,900	\$81,932,200	\$127,900,000
Total Sources	\$223,027,000	\$13,194,800	\$25,117,200	\$17,123,100	\$39,691,900	\$81,932,200	\$127,900,000

Uses by Project

Projects	Total Project Cost	Expended through 6/30/22	2023	2024	2025-2028	Total for 6 Yr CIP	Future Project Cost
Automated Water Meter Reading and Meter Technology System Upgrade (25501)	\$7,000,000	\$—	\$1,000,000	\$6,000,000	\$—	\$7,000,000	\$—
Enhanced Multi-Barrier Treatment Technology (22501)	2,880,800	2,880,800	—	—	—	—	—
Excavated Materials Holding and Drying Facility - Utilities Portion (23501)	778,000	—	50,000	728,000	—	778,000	—
Lower Sycolin Sanitary Sewer Pump Station Third Pump (22502)	400,000	400,000	—	—	—	—	—
Sanitary Sewer Pump Station Upgrades (20503)	6,943,900	4,453,000	778,100	778,800	934,000	2,490,900	—
Town-wide Sanitary Sewer Improvements and Repairs (20506)	4,374,400	—	687,200	660,500	3,026,700	4,374,400	—
Town-wide Waterline Improvements and Repairs (20505)	10,300,600	—	4,289,200	609,900	5,401,500	10,300,600	—
Utility System Storage Facility (21501)	4,345,000	1,548,700	2,796,300	—	—	2,796,300	—
Water Plant Master Plan and Conditions Assessment (22508)	62,000,000	2,000,000	—	—	—	—	60,000,000
Water Pollution Control Facility Backup Generator (24501)	1,139,300	—	—	1,139,300	—	1,139,300	—
Water Pollution Control Facility Chemical Building Addition (24502)	4,258,000	—	—	—	4,258,000	4,258,000	—
Water Pollution Control Facility Debris Screen System (23502)	4,184,600	150,000	4,034,600	—	—	4,034,600	—
Water Pollution Control Facility Digester Dome Replacements (25502)	3,500,000	—	—	360,000	3,140,000	3,500,000	—
Water Pollution Control Facility Dryer Drum Replacement (25503)	1,600,000	—	1,600,000	—	—	1,600,000	—
Water Pollution Control Facility Master Plan and Conditions Assessment (22509)	69,100,000	1,200,000	—	—	—	—	67,900,000
Water Pollution Control Facility Odor Control And Biofilter Media Replacement (25504)	2,251,500	—	—	1,125,500	1,126,000	2,251,500	—
Water Pollution Control Facility Storage Tanks - Re-coating & Rehabilitation (18002)	4,077,000	—	978,300	1,009,000	2,089,700	4,077,000	—
Western Pressure Zone Pump Station Backup Generator (27503)	750,000	—	—	81,000	669,000	750,000	—
Water Storage Tank Recoating - Carr Tank I (27501)	1,355,000	—	—	—	1,355,000	1,355,000	—

TITLE: Automated Water Meter Reading and Meter Technology System Upgrade (25501)

STATUS: New

LOCATION: Town-wide

PROGRAM DESCRIPTION: A multi-year phased replacement of water meters and upgrade of the automated meter reading system allows continually increased accuracy, efficiency, and productivity in metering, billing processes and customer service. Phased implementation ensures quality control and replacement of water meters and transmitter units at appropriately scheduled intervals.

OPERATING IMPACT: Technology advancements that ensure metering and billing efficiency.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply to meet state and federal criteria. This project promotes long term financial stability with accurate and timely quarterly utility bills.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2022	Summer 2026

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$3,850,000	-	\$550,000	\$3,300,000	-	-	-	-	\$3,850,000	-
Pay-GO Utilities	3,150,000	-	450,000	2,700,000	-	-	-	-	3,150,000	-
Total Sources	\$7,000,000	\$—	\$1,000,000	\$6,000,000	\$—	\$—	\$—	\$—	\$7,000,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$150,000	-	\$50,000	\$100,000	-	-	-	-	\$150,000	-
Design/Engineering	950,000	-	950,000	-	-	-	-	-	950,000	-
Construction	5,900,000	-	-	5,900,000	-	-	-	-	5,900,000	-
Total Uses	\$7,000,000	\$—	\$1,000,000	\$6,000,000	\$—	\$—	\$—	\$—	\$7,000,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	-	-	- \$	50,000 \$	50,000 \$	50,000 \$
Total Impact	-	-	- \$	50,000 \$	50,000 \$	50,000 \$

Enhanced Multi-Barrier Treatment Technology (22501)

STATUS: Ongoing

LOCATION: Water Treatment Plant (WTP)

PROGRAM DESCRIPTION: The Town has completed monitoring of the Potomac River for compliance with Round 2 of the Environmental Protection Agency (EPA) Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR Round 2). The EPA created this rule to increase protection against microbial pathogens such as Cryptosporidium and Giardia in public water systems that use surface water sources. Recent monitoring of the Potomac River detected Cryptosporidium oocysts. The Town’s existing water treatment process removes these pathogens. This project addresses regulatory requirements that are associated with the presence of Cryptosporidium and adds an additional process to remove pathogens through a multi-barrier approach. This project will be completed concurrently with Project 21502 - Water Plant Filter #1 and #2 Underdrain Replacements

OPERATING IMPACT: Increase operating and maintenance of the water treatment system.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply to meet state and federal criteria. Development of additional treatment technology at the WTP will ensure compliance of EPA rules.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2020	Winter 2024

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$1,584,440	\$1,584,440	-	-	-	-	-	-	-	-
Pay-GO Utilities	1,296,360	1,296,360	-	-	-	-	-	-	-	-
Total Sources	\$2,880,800	\$2,880,800	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$135,800	\$135,800	-	-	-	-	-	-	-	-
Design/Engineering	\$345,000	\$345,000	-	-	-	-	-	-	-	-
Construction	\$2,400,000	\$2,400,000	-	-	-	-	-	-	-	-
Total Uses	\$2,880,800	\$2,880,800	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	\$ 31,000	\$31,000	\$31,000	\$31,000	\$31,000	\$31,000
Total Impact	\$ 31,000	\$31,000	\$31,000	\$31,000	\$31,000	\$31,000

TITLE: Excavated Materials Holding and Drying Facility - Utilities Portion (23501)

STATUS: New

LOCATION: Utilities Maintenance Facility

PROGRAM DESCRIPTION: This project includes design and construction of a materials disposal facility capable of storing 5,000 gallons of slurry from Town's vacuum excavations is required to meet Department of Environmental Quality's (DEQ) storm permitting requirements. The public works contribution for this shared project is funded through project number 23107.

OPERATING IMPACT: Additional costs to maintain the drying facility.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply and wastewater treatment and collection to meet state and federal criteria. This project will allow the Town to meet Virginia Department of Environmental Quality storm water regulations.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2023	Summer 2025



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Funds Required
Utilities Bonds	\$427,900	-	\$27,500	\$400,400	-	-	-	-	\$427,900	-
Pay-GO Utilities	350,100	-	22,500	327,600	-	-	-	-	350,100	-
Total Sources	\$778,000	\$—	\$50,000	\$728,000	\$—	\$—	\$—	\$—	\$778,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Project Cost
Project Management	\$10,000	-	\$2,500	\$7,500	-	-	-	-	\$10,000	-
Design/Engineering	47,500	-	47,500	-	-	-	-	-	47,500	-
Construction	720,500	-	-	720,500	-	-	-	-	720,500	-
Total Uses	\$778,000	\$—	\$50,000	\$728,000	\$—	\$—	\$—	\$—	\$778,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	-	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
Total Impact	-	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000

TITLE: Lower Sycolin Sanitary Sewer Pump Station Third Pump (22502)

STATUS: Ongoing

LOCATION: 42399 Claudia Drive

PROGRAM DESCRIPTION: Installation of a third submersible pump at the Lower Sycolin pump station for redundancy and to meet expected flows based on engineering projections for future development.

OPERATING IMPACT: Additional costs to maintain the third pump.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate wastewater collection to meet state and federal criteria. This project will ensure permit compliance and efficient pump station operations as sanitary sewer demands and service are population increase.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2021	Spring 2023

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$220,000	220,000	-	-	-	-	-	-	-	-
PAY-GO										
Utilities	180,000	180,000	-	-	-	-	-	-	-	-
Total Sources	\$400,000	\$400,000	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$15,000	15,000	-	-	-	-	-	-	-	-
Design/Engineering	25,000	25,000	-	-	-	-	-	-	-	-
Construction	360,000	360,000	-	-	-	-	-	-	-	-
Total Uses	\$400,000	\$400,000	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Total Impact	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000

TITLE: Sanitary Sewer Pump Station Upgrades (20503)

STATUS: Ongoing

LOCATION: Town-wide

PROGRAM DESCRIPTION: This multi year project will evaluate, design, install and construct identified upgrades and refurbishments at various sanitary sewer pump stations. Most pump stations are approaching 20 years of age and pumps and controls will be exceeding the useful life. Submersible pumps will be installed where appropriate. Pump stations to be improved include Cattail, Goose Creek, Ida Lee, Old Waterford, Potomac, Potomac Crossing and Tuscarora.

OPERATING IMPACT: Reduced maintenance costs are anticipated with improvements.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate wastewater collection to meet state and federal criteria. This project will ensure permit compliance and efficient sanitary pump station operations.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2020	Ongoing

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Funds Required
Utilities Bonds	\$3,819,145	\$2,449,145	\$428,000	\$428,300	\$428,700	\$85,000	-	-	\$1,370,000	-
PAY-GO Utilities	3,124,755	2,003,855	350,100	350,500	350,800	69,500	-	-	1,120,900	-
Total Sources	\$6,943,900	\$4,453,000	\$778,100	\$778,800	\$779,500	\$154,500	\$—	\$—	\$2,490,900	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Project Cost
Project Management	\$61,500	\$30,000	\$10,000	\$10,000	\$10,000	\$1,500	-	-	\$31,500	-
Design/Engineering	445,500	217,500	72,500	72,500	73,000	10,000	-	-	228,000	-
Construction	6,436,900	4,205,500	695,600	696,300	696,500	143,000	-	-	2,231,400	-
Total Uses	\$6,943,900	\$4,453,000	\$778,100	\$778,800	\$779,500	\$154,500	\$—	\$—	\$2,490,900	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Town-wide Sanitary Sewer Improvements and Repairs (20506)

STATUS: Ongoing

LOCATION: Town-wide

PROGRAM DESCRIPTION: This project undertakes on-going maintenance and replacement of old deteriorated sanitary sewers, mitigates infiltration and inflow (I&I) and improves sanitary sewer associated with other capital projects. The table on the next page provides a listing of the projects, design and/or construction costs and proposed scheduling. Future funding required reflects the anticipated continuation of the project beyond the Fiscal Year 2023-2028 Capital Improvements Program.

OPERATING IMPACT: Maintenance costs should be reduced due to the improved structural integrity of the sewer lines.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate wastewater collection and treatment to meet state and federal criteria. This project includes replacement or relining of aging sanitary sewer mains and rehabilitation of sanitary sewer manholes.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Ongoing	Ongoing

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$2,405,800	-	\$377,900	\$363,300	\$399,700	\$534,400	\$360,600	\$369,900	\$2,405,800	-
PAY-GO Utilities	1,968,600	-	309,300	297,200	327,100	437,300	295,000	302,700	1,968,600	-
Total Sources	\$4,374,400	\$—	\$687,200	\$660,500	\$726,800	\$971,700	\$655,600	\$672,600	\$4,374,400	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$175,800	-	\$27,200	\$28,000	\$28,800	\$29,700	\$30,600	\$31,500	\$175,800	-
Design/Engineering	38,000	-	-	38,000	-	-	-	-	38,000	-
Construction	4,160,600	-	660,000	594,500	698,000	942,000	625,000	641,100	4,160,600	-
Total Uses	\$4,374,400	\$—	\$687,200	\$660,500	\$726,800	\$971,700	\$655,600	\$672,600	\$4,374,400	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

Utilities**Capital Improvements Program**

Description	2023	2024	2025	2026	2027	2028
Sewer						
Project Management	\$27,200	\$28,000	\$28,800	\$29,700	\$30,600	\$31,500
Pipe Lateral Rehabilitation	410,000	—	—	—	—	—
Pipe Rehabilitation	—	382,500	410,000	350,000	375,000	316,100
Manhole Rehabilitation Lining	250,000	250,000	250,000	250,000	250,000	325,000
Monroe St SE and Madison Ct SE Sewer Replacement	—	—	38,000	342,000	—	—
Total Cost	\$687,200	\$660,500	\$726,800	\$971,700	\$655,600	\$672,600

TITLE: Town-wide Waterline Improvements and Repairs (20505)

STATUS: Ongoing

LOCATION: Town-wide

PROGRAM DESCRIPTION: This project undertakes on-going replacement and upgrades to old deteriorated waterlines associated with waterline capacity improvements and other capital projects. The table on the next page provides a listing of the projects, design and/or construction costs and proposed scheduling.

OPERATING IMPACT: Maintenance should be reduced due to the improved structural integrity of the waterlines. New waterline loops improve water flow rates and add to the reliability of the water distribution systems.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply to meet state and federal criteria.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Ongoing	Ongoing



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$5,665,400	-	\$2,359,100	\$335,400	\$455,200	\$1,010,400	\$525,500	\$979,800	\$5,665,400	-
PAY-GO Utilities	4,635,200	-	1,930,100	274,500	372,500	826,600	429,900	801,600	4,635,200	-
Total Sources	\$10,300,600	\$—	\$4,289,200	\$609,900	\$827,700	\$1,837,000	\$955,400	\$1,781,400	\$10,300,600	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$577,100	-	\$89,200	\$91,900	\$94,700	\$97,500	\$100,400	\$103,400	\$577,100	-
Design/Engineering	975,000	-	450,000	75,000	75,000	75,000	100,000	200,000	975,000	-
Construction	8,748,500	-	3,750,000	443,000	658,000	1,664,500	755,000	1,478,000	8,748,500	-
Total Uses	\$10,300,600	\$—	\$4,289,200	\$609,900	\$827,700	\$1,837,000	\$955,400	\$1,781,400	\$10,300,600	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

Description	2023	2024	2025	2026	2027	2028
Water						
Project Management	\$89,200	\$91,900	\$94,700	\$97,500	\$100,400	\$103,400
Waterline Rehabilitation and Repair	4,000,000	—	—	1,080,000	530,000	1,678,000
Waterline Rehabilitation Coinciding with Public Works	200,000	518,000	733,000	659,500	325,000	—
Total Cost	\$4,289,200	\$609,900	\$827,700	\$1,837,000	\$955,400	\$1,781,400

TITLE: Utility System Storage Facility (21501)

STATUS: Ongoing

LOCATION: Utilities Maintenance Facility

PROGRAM DESCRIPTION: This project includes design and construction of an equipment storage facility to protect and extend the useful life of materials and equipment currently stored outdoors exposed to extreme weather conditions.

OPERATING IMPACT: Additional costs to operate and maintain the building.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply and wastewater treatment and collection to meet state and federal criteria. This project will improve operating efficiency by protecting and maintaining equipment and supplies from the elements.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2020	Summer 2024



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$2,389,800	\$851,800	\$1,538,000	-	-	-	-	-	\$1,538,000	-
PAY-GO Utilities	1,955,200	696,900	1,258,300	-	-	-	-	-	1,258,300	-
Total Sources	\$4,345,000	\$1,548,700	\$2,796,300	\$—	\$—	\$—	\$—	\$—	\$2,796,300	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$31,500	\$19,500	\$12,000	-	-	-	-	-	\$12,000	-
Design/Engineering	200,000	200,000	-	-	-	-	-	-	-	-
Construction	4,113,500	1,329,200	2,784,300	-	-	-	-	-	2,784,300	-
Total Uses	\$4,345,000	\$1,548,700	\$2,796,300	\$—	\$—	\$—	\$—	\$—	\$2,796,300	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	- \$	20,000 \$	20,000 \$	20,000 \$	20,000 \$	20,000 \$
Total Impact	\$ —	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000

TITLE: Water Plant Master Plan and Conditions Assessment (22508)

STATUS: Ongoing

LOCATION: Water Treatment Plant

PROGRAM DESCRIPTION: Evaluate water treatment plant and remote site operations, equipment conditions, and the potential for a capacity increase to 15 Million Gallons per Day (MGD) based on permitted source withdrawal capacity. Initial phase is a conditions survey, and Geographic Information Systems (GIS) data analysis to identify the likeliness and consequence of failure of water plant equipment, processes and technology. Establish in the asset management system the tools necessary for ongoing maintenance and level of service maintenance. Evaluate 3R and CIP planning to determine the overall needs for long term improvements. Create a risk based roadmap integrating potential future demands and regulatory changes.

OPERATING IMPACT: Additional personnel and operating resources will be required based on the size and scope of the resulting project.



GOAL ADDRESSED: 2012 Town Plan• Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply and wastewater collection and treatment to meet state and federal criteria. This project improves the resilience of the water supply network.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2021	TBD

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$34,550,000	\$1,100,000	-	-	-	-	-	-	-	\$33,450,000
PAY-GO Utilities	27,450,000	900,000	-	-	-	-	-	-	-	26,550,000
Total Sources	\$62,000,000	\$2,000,000	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$60,000,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$120,000	\$20,000	-	-	-	-	-	-	-	\$100,000
Design/Engineering	8,980,000	1,980,000	-	-	-	-	-	-	-	7,000,000
Construction	52,900,000	-	-	-	-	-	-	-	-	52,900,000
Total Uses	\$62,000,000	\$2,000,000	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$60,000,000

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	\$—	\$—	\$—	\$—	\$—	\$—
Total Impact	\$—	\$—	\$—	\$—	\$—	\$—

TITLE: Water Pollution Control Facility Backup Generator (24501)

STATUS: Future

LOCATION: Water Pollution Control Facility

PROGRAM DESCRIPTION: This project includes the Installation of a backup generator at the Water Pollution Control Facility for system redundancy and reliability to allow for continued operations during emergencies.

OPERATING IMPACT: After warranty period, increased maintenance and operating costs of the generator.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate wastewater collection and treatment to meet state and federal criteria. This project will provide reliable electric power to enable continued reliable operations during emergencies.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2023	Spring 2025

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$626,600	-	-	\$626,600	-	-	-	-	\$626,600	-
PAY-GO Utilities	512,700	-	-	512,700	-	-	-	-	512,700	-
Total Sources	\$1,139,300	\$—	\$—	\$1,139,300	\$—	\$—	\$—	\$—	\$1,139,300	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$14,300	-	-	\$14,300	-	-	-	-	\$14,300	-
Design/Engineering	125,000	-	-	125,000	-	-	-	-	125,000	-
Construction	1,000,000	-	-	1,000,000	-	-	-	-	1,000,000	-
Total Uses	\$1,139,300	\$—	\$—	\$1,139,300	\$—	\$—	\$—	\$—	\$1,139,300	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	-	-	\$30,000	\$30,000	\$30,000	\$30,000
Total Impact	\$—	\$—	\$30,000	\$30,000	\$30,000	\$30,000

TITLE: Water Pollution Control Facility Chemical Building Addition (24502)

STATUS: Future

LOCATION: Water Pollution Control Facility

PROGRAM DESCRIPTION: Construction of a new chemical building at the Water Pollution Control Facility to allow for efficient distribution of sodium hydroxide and ferric chloride. The current chemical lines are far from the application point. The new building location will eliminate the current operational and maintenance issues with chemical lines freezing or breaking.

OPERATING IMPACT: Improvement to process and reduced maintenance.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate wastewater collection and treatment to meet state and federal criteria. This project will improve conveyance of chemicals throughout the Water Pollution Control Facility for efficient operations and increased reliability in meeting federal and state regulations.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2024	Winter 2027



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$2,341,900	-	-	-	275,000	\$2,066,900	-	-	\$2,341,900	-
PAY-GO Utilities	1,916,100	-	-	-	225,000	1,691,100	-	-	1,916,100	-
Total Sources	\$4,258,000	\$—	\$—	\$—	\$500,000	\$3,758,000	\$—	\$—	\$4,258,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$22,000	-	-	-	2,000	\$20,000	-	-	\$22,000	-
Design/Engineering	498,000	-	-	-	498,000	-	-	-	498,000	-
Construction	3,738,000	-	-	-	-	3,738,000	-	-	3,738,000	-
Total Uses	\$4,258,000	\$—	\$—	\$—	\$500,000	\$3,758,000	\$—	\$—	\$4,258,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	-	-	-	-	\$5,000	\$5,000
Total Impact	\$—	\$—	\$—	\$—	\$5,000	\$5,000

TITLE: Water Pollution Control Facility Debris Screen System (23502)

STATUS: New

LOCATION: Water Pollution Control Facility

PROGRAM DESCRIPTION: The existing bar screens at the Water Pollution Control Facility do not efficiently or effectively remove debris. This project will evaluate, design and construct a fine debris screen system to remove debris that negatively impacts treatment process and equipment that will meet landfill disposal requirements.

OPERATING IMPACT: Improvement to process.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate wastewater treatment to meet state and federal criteria. This project will protect equipment and improve operational efficiencies by upgrading units and adding a fine screen at the beginning of the treatment process.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Spring 2022	Fall 2024

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$2,551,500	\$82,500	\$2,469,000	-	-	-	-	-	\$2,469,000	-
PAY-GO Utilities	1,633,100	67,500	1,565,600	-	-	-	-	-	1,565,600	-
Total Sources	\$4,184,600	\$150,000	\$4,034,600	\$—	\$—	\$—	\$—	\$—	\$4,034,600	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$23,500	-	\$23,500	-	-	-	-	-	\$23,500	-
Design/Engineering	400,000	150,000	250,000	-	-	-	-	-	250,000	-
Construction	3,761,100	-	3,761,100	-	-	-	-	-	3,761,100	-
Total Uses	\$4,184,600	\$150,000	\$4,034,600	\$—	\$—	\$—	\$—	\$—	\$4,034,600	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	-	\$400	\$400	\$400	\$400	\$400
Total Impact	\$—	\$400	\$400	\$400	\$400	\$400

TITLE: Water Pollution Control Facility Digester Dome Replacements (25502)

STATUS: Future

LOCATION: Water Pollution Control Facility

PROGRAM DESCRIPTION: This project includes the design and construction of new domes on digesters A & B at the Water Pollution Control Facility. The existing digesters and domes were installed in the 1970's, nearly 50 years ago. The remaining two domes for digesters C & D were installed in 1987 and 1994 respectively; and will be replaced in 2026. Regulatory requirements and advancements in technology may require adjustments to the scope and cost estimate of the project.

OPERATING IMPACT: Operational efficiency and odor improvements.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate wastewater treatment to meet state and federal criteria.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2024	Spring 2026

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$1,925,000	-	-	\$198,000	\$1,727,000	-	-	-	\$1,925,000	-
PAY-GO Utilities	1,575,000	-	-	162,000	1,413,000	-	-	-	1,575,000	-
Total Sources	\$3,500,000	\$-	\$-	\$360,000	\$3,140,000	\$-	\$-	\$-	\$3,500,000	\$-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$20,000	-	-	\$10,000	\$10,000	-	-	-	\$20,000	-
Design/Engineering	350,000	-	-	350,000	-	-	-	-	350,000	-
Construction	3,130,000	-	-	-	3,130,000	-	-	-	3,130,000	-
Total Uses	\$3,500,000	\$-	\$-	\$360,000	\$3,140,000	\$-	\$-	\$-	\$3,500,000	\$-

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	-	-	-	-	-	-
Total Impact	-	-	-	-	-	-

TITLE: Water Pollution Control Facility Dryer Drum Replacement (25503)

STATUS: New

LOCATION: Water Pollution Control Facility

PROGRAM DESCRIPTION: Replacement of a 20 year old dryer drum and its associated handling equipment to ensure continued treatment operations and gain efficiency in the biosolids drying process. Replacement of this equipment will ensure the Town's ongoing compliance with regulatory permitting.

OPERATING IMPACT: Operational efficiency, safety, and reliability improvements.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate wastewater treatment to meet state and federal criteria.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2022	Spring 2024

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Funds Required
Utilities Bonds	\$880,000	-	880,000	-	-	-	-	-	\$880,000	-
PAY-GO Utilities	720,000	-	720,000	-	-	-	-	-	720,000	-
Total Sources	\$1,600,000	\$—	\$1,600,000	\$—	\$—	\$—	\$—	\$—	\$1,600,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Project Cost
Project Management	\$15,000	-	15,000	-	-	-	-	-	\$15,000	-
Design/Engineering	160,000	-	160,000	-	-	-	-	-	160,000	-
Construction	1,425,000	-	1,425,000	-	-	-	-	-	1,425,000	-
Total Uses	\$1,600,000	\$—	\$1,600,000	\$—	\$—	\$—	\$—	\$—	\$1,600,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Water Pollution Control Facility Master Plan and Conditions Assessment (22509)

STATUS: Ongoing

LOCATION: Water Pollution Control Facility

PROGRAM DESCRIPTION: Evaluate water pollution control facility and remote site operations, equipment conditions, and the potential for Enhanced Nutrient Removal (ENR) to ensure adequate sewer treatment is available for customers and an increase to 10 Million Gallons per Day (MGD). Initial phase is a conditions survey, and Geographic Information Systems (GIS) data analysis to identify the likeliness and consequence of failure of water pollution control facility equipment, processes and technology. Establish in the asset management system the tools necessary for ongoing maintenance and level of service maintenance. Evaluate 3R and CIP planning to determine the overall needs for long term improvements. Create a risk based roadmap integrating potential future demands and regulatory changes.

OPERATING IMPACT: Additional personnel and operating resources will be required based on the size and scope of the resulting project.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate wastewater treatment to meet state and federal criteria.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2021	TBD

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Funds Required
Utilities Bonds	\$38,005,000	\$660,000	-	-	-	-	-	-	-	\$37,345,000
PAY-GO Utilities	31,095,000	540,000	-	-	-	-	-	-	-	30,555,000
Total Sources	\$69,100,000	\$1,200,000	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$67,900,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Project Cost
Project Management	\$120,000	\$20,000	-	-	-	-	-	-	-	\$100,000
Design/Engineering	8,980,000	1,180,000	-	-	-	-	-	-	-	7,800,000
Construction	60,000,000	-	-	-	-	-	-	-	-	60,000,000
Total Uses	\$69,100,000	\$1,200,000	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$67,900,000

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	-	-	-	-	-	-
Total Impact	-	-	-	-	-	-

TITLE: Water Pollution Control Facility Odor Control And Biofilter Media Replacement (25504)

STATUS: Future

LOCATION: Water Pollution Control Facility

PROGRAM DESCRIPTION: With development occurring near the Water Pollution Control Facility (WPCF), this project will implement odor control measures recommended in the engineering odor control study report. Piping and underdrain improvements, carbon filter media replacement and protective covers will be constructed to control odors.

OPERATING IMPACT: Operational efficiency and odor improvements.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate wastewater treatment to meet state and federal criteria.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2023	Spring 2026

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$1,238,300	-	-	\$619,000	\$619,300	-	-	-	\$1,238,300	-
PAY-GO Utilities	1,013,200	-	-	506,500	506,700	-	-	-	1,013,200	-
Total Sources	\$2,251,500	\$—	\$—	\$1,125,500	\$1,126,000	\$—	\$—	\$—	\$2,251,500	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$23,000	-	-	\$12,000	\$11,000	-	-	-	\$23,000	-
Design/Engineering	225,000	-	-	225,000	-	-	-	-	225,000	-
Construction	2,003,500	-	-	888,500	1,115,000	-	-	-	2,003,500	-
Total Uses	\$2,251,500	\$—	\$—	\$1,125,500	\$1,126,000	\$—	\$—	\$—	\$2,251,500	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	-	-	-	\$2,500	\$2,500	\$2,500
Total Impact	\$ —	\$ —	\$ —	\$ 2,500	\$ 2,500	\$ 2,500

TITLE: Water Pollution Control Facility Storage Tanks - Re-coating & Rehabilitation (18002)

STATUS: Ongoing

LOCATION: Water Pollution Control Facility

PROGRAM DESCRIPTION: Rehabilitation projects will be based on engineering inspections of water pollution control treatment and process storage tanks. Potential facilities and scope of work include re-coating and rehabilitating six reactors, three primary clarifiers and two gravity thickeners at the water pollution control facility.

OPERATING IMPACT: None.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate wastewater treatment to meet state and federal criteria.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Ongoing	Ongoing

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$2,242,500	-	\$538,100	\$555,000	\$569,100	\$580,300	-	-	\$2,242,500	-
PAY-GO Utilities	1,834,500	-	440,200	454,000	465,600	474,700	-	-	1,834,500	-
Total Sources	\$4,077,000	\$—	\$978,300	\$1,009,000	\$1,034,700	\$1,055,000	\$—	\$—	\$4,077,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$50,000	-	\$12,000	\$12,500	\$12,500	\$13,000	-	-	\$50,000	-
Design/Engineering	386,000	-	93,000	95,000	98,000	100,000	-	-	386,000	-
Construction	3,641,000	-	873,300	901,500	924,200	942,000	-	-	3,641,000	-
Total Uses	\$4,077,000	\$—	\$978,300	\$1,009,000	\$1,034,700	\$1,055,000	\$—	\$—	\$4,077,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Western Pressure Zone Pump Station Backup Generator (27503)

STATUS: Future

LOCATION: Near the Southwest corner of South King St and Governors Dr. SW

PROGRAM DESCRIPTION: This project provides system redundancy by installing an emergency generator to operate the pump stations feeding the Western Pressure Zone during emergencies.

OPERATING IMPACT: This project increases drinking water delivery reliability during emergencies.

GOAL ADDRESSED: 2012 Town Plan Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply to meet state and federal criteria. This project helps to maintain the integrity of the water storage facilities as a critical component of overall water quality as outlined by the Virginia Department of Health



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2023	Summer 2025

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$412,550	-	-	\$44,550	\$368,000	-	-	-	\$412,550	-
PAY-GO Utilities	337,450	-	-	36,450	301,000	-	-	-	337,450	-
Total Sources	\$750,000	\$-	\$-	\$81,000	\$669,000	\$-	\$-	\$-	\$750,000	\$-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$13,500	-	-	\$6,000	\$7,500	-	-	-	\$13,500	-
Design/Engineering	75,000	-	-	75,000	-	-	-	-	75,000	-
Construction	661,500	-	-	-	661,500	-	-	-	661,500	-
Total Uses	\$750,000	\$-	\$-	\$81,000	\$669,000	\$-	\$-	\$-	\$750,000	\$-

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	-	-	-	-	-	-
Total Impact	-	-	-	-	-	-

TITLE: Water Storage Tank Recoating - Carr Tank I (27501)

STATUS: Future

LOCATION: Northwest corner of the Battlefield Parkway NE/ Fort Evans Road intersection

PROGRAM DESCRIPTION: This project will inspect and re-coat the Town's Carr I water storage tank and perform minor modifications to interior draining system to enhance de-watering and cleaning activities. Carr Tank I was last painted in 2010.

OPERATING IMPACT: Operational maintenance and regulatory compliance.

GOAL ADDRESSED: 2012 Town Plan Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply to meet state and federal criteria. This project helps to maintain the integrity of the water storage facilities as a critical component of overall water quality as outlined by the Virginia Department of Health



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2024	Spring 2026

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$745,300	-	-	-	\$113,300	\$632,000	-	-	\$745,300	-
PAY-GO Utilities	609,700	-	-	-	92,700	517,000	-	-	609,700	-
Total Sources	\$1,355,000	\$—	\$—	\$—	\$206,000	\$1,149,000	\$—	\$—	\$1,355,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$13,500	-	-	-	\$6,000	\$7,500	-	-	\$13,500	-
Design/Engineering	200,000	-	-	-	200,000	-	-	-	200,000	-
Construction	1,141,500	-	-	-	-	1,141,500	-	-	1,141,500	-
Total Uses	\$1,355,000	\$—	\$—	\$—	\$206,000	\$1,149,000	\$—	\$—	\$1,355,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	-	-	-	-	-	-
Total Impact	—	—	—	—	—	—

TITLE: Water Storage Tank Recoating - Carr Tank II (25505)

STATUS: Future

LOCATION: Northwest corner of the Battlefield Parkway NE/ Fort Evans Road intersection

PROGRAM DESCRIPTION: This project will inspect and re-coat the Town's Carr II water storage tank and perform minor modifications to interior draining system to enhance de-watering and cleaning activities. Carr Tank II was last painted in 2009.

OPERATING IMPACT: Operational maintenance and regulatory compliance.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply to meet state and federal criteria. This project helps to maintain the integrity of the water storage facilities as a critical component of overall water quality as outlined by the Virginia Department of Health



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2023	Spring 2025

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Funds Required
Utilities Bonds	\$730,600	-	-	-	-	\$730,600	-	-	\$730,600	-
PAY-GO Utilities	597,700	-	-	-	-	597,700	-	-	597,700	-
Total Sources	\$1,328,300	\$—	\$—	\$—	\$—	\$1,328,300	\$—	\$—	\$1,328,300	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Project Cost
Project Management	\$13,000	-	-	-	-	\$13,000	-	-	\$13,000	-
Design/Engineering	200,000	-	-	-	-	200,000	-	-	200,000	-
Construction	1,115,300	-	-	-	-	1,115,300	-	-	1,115,300	-
Total Uses	\$1,328,300	\$—	\$—	\$—	\$—	\$1,328,300	\$—	\$—	\$1,328,300	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Water Storage Tank Recoating Hogback Tank (28501)

STATUS: Future

LOCATION: Clagett Street

PROGRAM DESCRIPTION: This project will inspect and re-coat the Hogback water storage tank. Hogback tank was last painted in 2010.

OPERATING IMPACT: Operational maintenance and regulatory compliance

GOAL ADDRESSED: 2012 Town Plan Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply to meet state and federal criteria. This project helps to maintain the integrity of the water storage facilities as a critical component of overall water quality as outlined by the Virginia Department of Health



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2027	Spring 2028

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$745,300	-	-	-	-	-	\$113,300	\$632,000	\$745,300	-
PAY-GO Utilities	609,700	-	-	-	-	-	92,700	517,000	609,700	-
Total Sources	\$1,355,000	\$—	\$—	\$—	\$—	\$—	\$206,000	\$1,149,000	\$1,355,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost	
			2023	2024	2025	2026	2027	2028			
Project Management	\$13,500	-	-	-	-	-	-	\$6,000	\$7,500	\$13,500	-
Design/Engineering	200,000	-	-	-	-	-	-	200,000	-	200,000	-
Construction	1,141,500	-	-	-	-	-	-	-	1,141,500	1,141,500	-
Total Uses	\$1,355,000	\$—	\$—	\$—	\$—	\$—	\$—	\$206,000	\$1,149,000	\$1,355,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Water Storage Tank Recoating - Sycolin Road Tank (27502)

STATUS: Future

LOCATION: 42152 Claudia Drive

PROGRAM DESCRIPTION: This project will inspect and re-coat the Sycolin Road water storage tank and perform minor modifications to interior draining system to enhance de-watering and cleaning activities. Sycolin Road tank was last painted in 2010.

OPERATING IMPACT: Operational maintenance and regulatory compliance

GOAL ADDRESSED: 2012 Town Plan Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply to meet state and federal criteria. This project helps to maintain the integrity of the water storage facilities as a critical component of overall water quality as outlined by the Virginia Department of Health



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2026	Spring 2027

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$745,300	\$113,300	-	-	-	-	-	\$632,000	\$632,000	-
PAY-GO Utilities	609,700	(113,300)	-	-	-	-	206,000	517,000	723,000	-
Total Sources	\$1,355,000	\$—	\$—	\$—	\$—	\$—	\$—	\$206,000	\$1,149,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$13,500	-	-	-	-	-	-	\$6,000	\$7,500	\$13,500
Design/Engineering	200,000	-	-	-	-	-	-	200,000	-	200,000
Construction	1,141,500	-	-	-	-	-	-	-	1,141,500	-
Total Uses	\$1,355,000	\$—	\$—	\$—	\$—	\$—	\$—	\$206,000	\$1,149,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	-	-	-	-	-	-
Total Impact	—	—	—	—	—	—

TITLE: Water Supply and Wastewater SCADA Systems Replacement (22504)

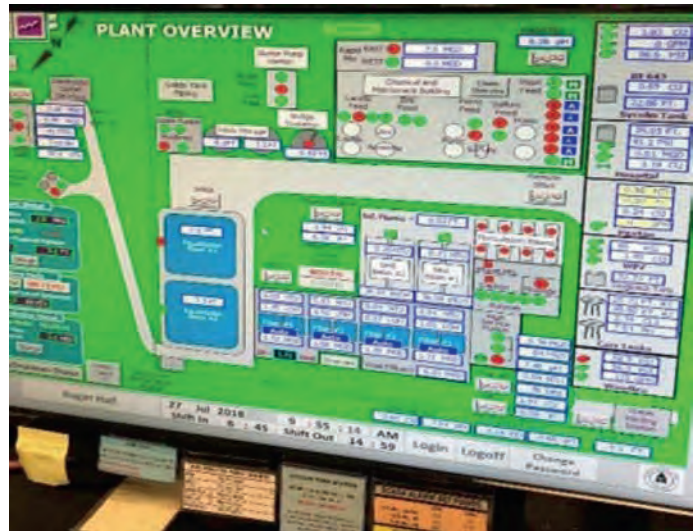
STATUS: Future

LOCATION: Utilities Treatment Plants and Remote Facilities

PROGRAM DESCRIPTION: The Supervisory Control and Data Acquisition (SCADA) of the Town's water supply and wastewater systems were originally designed and installed in 2002. SCADA systems provide means to control all plant and system processes. The current systems are not commonly used in the United States. The Town's SCADA system will be converted to a commonly used system and utility plant operations will be readily supported through the implementation of this project, providing greater security and efficient operation of the utility treatment plants' process control network.

OPERATING IMPACT: Operational efficiency, safety, reliability, and cyber security improvements.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply and wastewater collection and treatment to meet state and federal criteria. This project improves the resilience of the water supply and wastewater process control networks.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Fall 2021	Winter 2025

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Funds Required
Utilities Bonds	\$1,756,000	\$309,400	\$1,446,600	-	-	-	-	-	\$1,446,600	-
PAY-GO Utilities	1,436,500	252,900	1,183,600	-	-	-	-	-	1,183,600	-
Total Sources	\$3,192,500	\$562,300	\$2,630,200	\$-	\$-	\$-	\$-	\$-	\$2,630,200	\$-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22	2023	2024	2025	2026	2027	2028	Total for 6 Yr CIP	Future Project Cost
Project Management	\$33,000	\$10,000	\$23,000	-	-	-	-	-	\$23,000	-
Design/Engineering	552,300	552,300	-	-	-	-	-	-	-	-
Construction	2,607,200	-	2,607,200	-	-	-	-	-	2,607,200	-
Total Uses	\$3,192,500	\$562,300	\$2,630,200	\$-	\$-	\$-	\$-	\$-	\$2,630,200	\$-

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
General Maintenance	-	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Total Impact	\$-	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000

TITLE: Water Source and Supply Emergency Interconnects (23504)

STATUS: Future

LOCATION: Sycolin Road.

PROGRAM DESCRIPTION: This project includes potential design and construction of water source and supply infrastructure for Town customers to establish system redundancy and emergency supply in the event of emergencies for Town rate payers. This project will also evaluate potential design and construction of Water Booster Pump Stations at system interconnects (former project 20504).

OPERATING IMPACT: Unknown at this time and need to evaluate when connections are determined.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply to meet state and federal criteria. This project protects the Town from interrupted water supply and fire fighting including during water emergencies and Water Treatment Plant maintenance activities.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2027	Summer 2028

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$1,754,200	-	-	-	-	-	\$876,300	\$877,900	\$1,754,200	-
PAY-GO Utilities	1,435,200	-	-	-	-	-	717,000	718,200	1,435,200	-
Total Sources	\$3,189,400	\$—	\$—	\$—	\$—	\$—	\$1,593,300	\$1,596,100	\$3,189,400	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$24,000	-	-	-	-	-	\$12,000	\$12,000	\$24,000	-
Design/Engineering	400,000	-	-	-	-	-	400,000	-	400,000	-
Construction	2,765,400	-	-	-	-	-	1,181,300	1,584,100	2,765,400	-
Total Uses	\$3,189,400	\$—	\$—	\$—	\$—	\$—	\$1,593,300	\$1,596,100	\$3,189,400	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Water Treatment Plant Electrical Upgrades (23506)

STATUS: New

LOCATION: Kenneth B. Rollins Water Treatment Plant

PROGRAM DESCRIPTION: Evaluate and replace an existing main electrical switch gear installed in 1980 and improve the power feed for the water filtration plant filter and pumping facility. Replace ancillary breakers that feed critical plant operation equipment. Upgrade electrical equipment to meet future technology demands such as the integration of ultraviolet treatment technology.

OPERATING IMPACT: This project increases drinking water delivery reliability.

GOAL ADDRESSED: 2012 Town Plan Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply to meet state and federal criteria. This project helps to maintain the integrity of the water storage facilities as a critical component of overall water quality as outlined by the Virginia Department of Health



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2022	Fall 2025

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
GO Bonds	\$1,100,000	-	\$1,100,000	-	-	-	-	-	\$1,100,000	-
PAY-GO	900,000	-	900,000	-	-	-	-	-	900,000	-
Total Sources	\$2,000,000	\$—	\$2,000,000	\$—	\$—	\$—	\$—	\$—	\$2,000,000	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$10,000	-	\$10,000	-	-	-	-	-	\$10,000	-
Design/Engineering	200,000	-	200,000	-	-	-	-	-	200,000	-
Construction	1,790,000	-	1,790,000	-	-	-	-	-	1,790,000	-
Total Uses	\$2,000,000	\$—	\$2,000,000	\$—	\$—	\$—	\$—	\$—	\$2,000,000	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
Electrical Maintenance	-	-	-	-	-	-
Total Impact	—	—	—	—	—	—

TITLE: Water Treatment Plant Sludge Disposal Improvements (23505)

STATUS: New

LOCATION: Water Treatment Plant

PROGRAM DESCRIPTION: This project replaces 18 year old equipment with an efficient solution for accumulating, mixing and removing Water Treatment Plant (WTP) sludge. The current process of mixing, storing and maintaining WTP sludge is inefficient due to excess energy consumption and manual labor. The improvement will install modernized equipment and save labor and energy expenses at the WTP.

OPERATING IMPACT: Operational maintenance, improvement to process, regulatory compliance, and reduced energy costs.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply to meet state and federal criteria.



Significant Dates

PROJECT START	ESTIMATED COMPLETION
Summer 2022	Fall 2026

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
Utilities Bonds	\$901,000	-	\$128,000	\$773,000	-	-	-	-	\$901,000	-
PAY-GO Utilities	737,200	-	104,500	632,700	-	-	-	-	737,200	-
Total Sources	\$1,638,200	\$—	\$232,500	\$1,405,700	\$—	\$—	\$—	\$—	\$1,638,200	\$—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Project Management	\$15,000	-	\$7,500	\$7,500	-	-	-	-	\$15,000	-
Design/Engineering	225,000	-	225,000	-	-	-	-	-	225,000	-
Construction	1,398,200	-	-	1,398,200	-	-	-	-	1,398,200	-
Total Uses	\$1,638,200	\$—	\$232,500	\$1,405,700	\$—	\$—	\$—	\$—	\$1,638,200	\$—

Operating Impact

Operating/Maintenance	2023	2024	2025	2026	2027	2028
N/A	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—

TITLE: Utilities Repair, Replacement and Rehabilitation (3-R)

STATUS: Ongoing

LOCATION: Town-wide

PROGRAM DESCRIPTION: The Department of Utilities Repair, Replacement and Rehabilitation (3-R) Program is a capital renewal program for water and wastewater facilities and assets. The program addresses the needs of the expanding and aging utility systems including vehicles, construction equipment, facilities, treatment plant pumps, piping and process components. While performing routine and preventative maintenance activities, assets are evaluated including condition assessment to determine the useful life and potential repair, replacement or rehabilitation.

OPERATING IMPACT: None.

GOAL ADDRESSED: 2012 Town Plan • Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply to meet state and federal criteria.

Significant Dates

PROJECT START	ESTIMATED COMPLETION
Ongoing	Ongoing



Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/22							Total for 6 Yr CIP	Future Funds Required
			2023	2024	2025	2026	2027	2028		
PAY-GO Utilities	\$17,730,500	\$ —	\$4,040,800	\$3,225,400	\$2,401,000	\$1,847,000	\$3,216,300	\$3,000,000	\$17,730,500	\$ —
Total Sources	\$17,730,500	\$ —	\$4,040,800	\$3,225,400	\$2,401,000	\$1,847,000	\$3,216,300	\$3,000,000	\$17,730,500	\$ —

Planned Uses

Uses	Total Project Cost	Expended through 6/30/22							Total for 6 Yr CIP	Future Project Cost
			2023	2024	2025	2026	2027	2028		
Building Improvements	\$2,120,000	\$ —	\$980,000	\$600,000	\$90,000	-	\$210,000	\$240,000	\$2,120,000	-
Computer Equipment	770,000	—	35,000	35,000	35,000	35,000	535,000	95,000	770,000	—
Computer Software	272,000	—	12,000	12,000	12,000	12,000	212,000	12,000	272,000	—
Construction Equipment	106,000	—	106,000	-	-	-	-	-	106,000	-
Electronic Equipment	2,170,000	—	\$ 950,000	620,000	300,000	300,000	-	-	2,170,000	—
Laboratory Equipment	258,700	—	4,000	8,400	6,000	-	140,300	100,000	258,700	—
Motor Vehicle Equipment	4,042,200	—	1,037,200	470,000	573,000	695,000	599,000	668,000	4,042,200	—
Office Furniture	3,000	—	3,000	-	-	-	-	-	3,000	—
Site Improvements	50,000	—	-	-	-	-	50,000	-	50,000	—
Utility Lines	130,000	—	130,000	-	-	-	-	-	130,000	—
Water Poll Cont Plant Equip	4,123,600	—	468,600	860,000	660,000	375,000	765,000	995,000	4,123,600	—
Water Treatment Plant Equip	3,685,000	—	315,000	620,000	725,000	430,000	705,000	890,000	3,685,000	—
Total Uses	\$17,730,500	\$ —	\$4,040,800	\$3,225,400	\$2,401,000	\$1,847,000	\$3,216,300	\$3,000,000	\$17,730,500	\$ —



Future Projects

Priority Future Capital Projects

The following list of priority future projects are for Town Council consideration based upon available funding and priorities. Each project includes a brief summary, estimated cost, and project status. The costs are only estimates and are subject to change based upon modifications in project scope, economic conditions, and timing. The projects are listed in alphabetical order, not in any particular order of significance.

Project Name	Project Summary	Estimated Cost	Status
Airport Runway 17 Approach Lights (ODALS) Upgrade (22002)	Currently the Runway 17 approach to the airport is equipped with a partial omnidirectional approach lighting system (ODALS). This project would add the last two lights to make it a fully implemented ODAL system. The funding for this project was moved to the future funding required in order to coincide with Airport RPZ Land Acquisition (25002) for the northern runway protection zone.	\$363,000	Pending land acquisition
Battlefield Parkway Intersection with Solitude Court Left Turn Improvements	When Kincaid Boulevard is opened upon completion of Crosstrail Boulevard, additional traffic volumes are expected at the intersection of Battlefield Parkway with Kincaid Boulevard and Solitude Court. Left turns from Solitude Court to Battlefield Parkway are anticipated to be more difficult. Improvements to the intersection are being considered to mitigate these additional traffic volumes.	\$600,000	Awaiting funding.
Catoctin Circle/Edwards Ferry Road Intersection Improvements	Traffic studies have shown that improvements to traffic flow are warranted at this intersection. A Loudoun County proffer in connection with the courthouse expansion project will partially fund the intersection improvements. Final decisions regarding the need for and type of improvements required was delayed until completion of the Lowenbach Street improvement project (Project Number 05303). Implementation of this project will be based on an analysis of the impact of opening the neighborhood streets and the completion of the courthouse expansion.	\$1,000,000	Lowenbach subdivision improvements were completed in 2016. County Courthouse expansion is underway. Analysis of the intersection will be conducted.
Chesapeake Bay TMDL Future Phases	Recently completed stormwater management pond retrofit projects and on-going stream restoration projects will meet the short-term Chesapeake Bay Total Maximum Discharge Load (TMDL) requirements established by EPA and the state. Additional improvement projects will be required to meet long-term goals.	\$1,500,000	Awaiting Funding.
Chesapeake Bay Watershed Implementation Plan (WIP3)	In August 2019, the Virginia Department of Environmental Quality (DEQ) mandated stringent nitrogen and phosphorous removal limits. These limits are lower than currently permitted through the Town of Leesburg's current discharge permit. Treatment processes at the Water Pollution Control Facility may be evaluated and nutrient removal technology systems may be engineered and constructed by to meet DEQ's newly established minimum limits.	TBD	Awaiting funding.
Carrvale Park Outfall Improvements	Residents have voiced concerns about erosion of the Carrvale Park outfall channel where the channel is moving east towards the condominiums of Fox Chase. A study is currently underway	\$600,000	Awaiting funding.
Police Mobile Command Center	The unit is intended to facilitate enhanced response capabilities to large-scale incidents and natural disasters, as well as implement emergency management/Incident Command System (ICS) best practices, such as unified command. The unit will serve as our backup emergency communications center should our primary site fail for any reason.	\$800,000	Awaiting funding.

Potential Future Capital Projects

The following list of potential future projects are for Town Council consideration based upon available funding and priorities. In some instances, additional research is required before a specific recommendation can be made. The projects are broken down by capital improvement category and include a brief project summary.

GENERAL GOVERNMENT

Project Name	Project Summary
ADA Improvements Town-wide	After the Americans with Disability Act (ADA) Transition Plan Update is completed, priority projects required to bring the Town into compliance with ADA regulations will be added to the Capital Improvements Program.
Wayfinding Signs Replacement Project	The current signs are over 15 years old and are reaching the end of their useful life. This project would work to re-brand and replace the existing signs throughout Town.

PARKS & RECREATION

Project Name	Project Summary
Tuscarora Creek Trail Phase II	Trail from Brandon Park at Harrison Street to Davis Avenue and Olde Izaak Walton Park via the Tuscarora Creek stream valley. This 2,500 linear foot trail will provide access to Olde Izaak Walton Park and include a crossing of Tuscarora Creek. Should be timed with the Crescent Parke development.
Parks Storage Area	Existing storage area near the Ida Lee Park farmhouse and barn is losing its structural integrity.

STREETS & HIGHWAYS

Project Name	Project Summary
Davis Avenue Sidewalk	Both sides of Davis Avenue from South King Street to the Valley View Drive intersection.
Masons Lane Improvements	Improvements to Masons Lane to include curb, gutter and storm drainage as well as road reconstruction due to the poor roadway condition and the maintenance cost on an annual basis.
North King Street at North Street Traffic Signal	Traffic signal at the intersection of North King Street and North Street.
Old Waterford Road Improvements (from Fairview Street to the Rust Library)	Provide curb, gutter, and missing sidewalk link on Old Waterford Road. The purpose of the project is to improve drainage and pedestrian accessibility.
Route 7 Bypass Widening - West Market Street to Dulles Greenway	VDOT / Loudoun County project to widen the Bypass to six lanes (three lanes in each direction). Project will include modifications to interchanges, modification or replacement of bridges as required, and installation of noise walls. Town will cooperate with VDOT and Loudoun County in completion of the improvements.
Royal Street Improvements East of Harrison Street	Sidewalk, parking and drainage improvements.
West Market Street/ Morven Park Road/ Loudoun Street Intersection Improvements	Intersection improvements to improve vehicular and pedestrian safety and traffic congestion. Study completed in March 2009 on potential design options.

STORM DRAINAGE

Project Name	Project Summary
1st, 2nd & Wirt Street SW	Storm drainage improvements including curb and gutter to alleviate flooding of yards and drainage problems along 1st Street west of South King Street, 2nd Street, and Wirt Street SW. Project improvements need to be sensitive to existing neighborhood character.
Dry Mill Road Sidewalk and Drainage Improvements (Catoctin Circle to W&OD Trail)	Sidewalk and drainage improvements from the W&OD Trail to Catoctin Circle.
Liberty Street Improvements (Loudoun Street to Liberty Parking Lot)	Upgrade this segment of Liberty Street to provide sidewalks and improve drainage. These improvements will enhance pedestrian access to the public parking lot. The improvements will consider converting Liberty Street to one-way.
Town Branch (Catoctin Circle to South King Street)	Improvements to Town Branch to mitigate erosion, stream degradation, and flooding. Study currently underway.
Tuscarora Creek Stream Restoration (downstream of the Leesburg Bypass to near Lawson Road)	Improvements to the Tuscarora Creek stream channel to mitigate erosion and stream degradation.

AIRPORT

Project Name	Project Summary
Runway 17 Extension	Extend the runway for approximately 500 linear feet to accommodate larger aircraft. Project is part of the Federal Aviation Administration and Town Master Plan for the airport. Significant funding to be provided by state and federal sources.

Adopted Capital Improvements Program (CIP) Supplemental Information

CIP Development

The CIP is developed by a process that identifies potential capital projects for a six-year period. A thorough review and analysis of the projects, related priorities, and the Town’s financial capabilities to fund projects is conducted. A schedule is prepared and approved by the Town Manager. The CIP is reviewed and recommended by the Planning Commission to the Town Council for evaluation and adoption. The CIP is updated annually prior to adoption of the budget.

Relationship to Town Plan

The CIP and Town Plan are integrally related and mutually supportive. Capital projects identified in the CIP are designed to support the goals and objectives of the Town Plan. The Town Plan provides the framework related to the overall goals and objectives guiding and development in the Town. A copy of the Town Plan can be located [here](#).

Relationship to Debt Financing

The Town’s capital projects plan addresses the increasing demand for public facilities, water and sewer, and other infrastructure. Consistent with the Town’s fiscal policy and best practices in debt financing, bonds are periodically issued to support the development and construction of capital projects.

The Town issues general obligation bonds to provide funds for the acquisition and construction of major capital facilities. General obligation bonds have been issued for both general government and proprietary activities. These bonds are reported in the proprietary fund (Utilities) if they are expected to be repaid from proprietary fund revenues. In addition, general obligation bonds have been issued to refund both general obligation and revenue bonds. General obligation bonds are direct obligations and pledge the full faith and credit of the Town. These bonds generally are issued as serial bonds with amounts of principal maturing each year.

The Town may also issue revenue bonds where income derived from the acquired or constructed assets is pledged to pay debt service. These bonds, when issued, are used primarily to finance improvements to the Town’s water and sewer systems.

Debt service is the Town’s first funding obligation. Bonds issued in a particular fiscal year require increased General Fund or Utilities Fund resources in the following year’s budget. For future funding of the CIP, the Town anticipates utilizing line of credit and issuing general obligation bonds in Fiscal Year 2024. It is the Town’s policy to limit debt financing to fund capital projects that have useful lives that will exceed the bond repayment period. The following chart depicts the key financial ratio targets of the Town for the six year planning period. The Town continues to meet and/or exceed the target ratios, maintaining compliance with its overall fiscal policy.

Projected Financial Ratio Target

	2023	2024	2025-28
Debt Financing	54.7%	50.5%	41.9 %
Debt Service of Gen. Exp. < 15%	14.1%	12.83%	12.84 %
Bond Debt to Assessed Value <2.5%	0.55%	0.47%	0.32 %

Other capital budgeting and debt policies are outlined below:

- The Town will make all capital improvements in accordance with the adopted Capital Improvements Program.
- The Town will develop a multi-year plan for capital improvements, which considers the Town’s development policies and links development proffers resulting from conditional zonings with the capital plan.
- The Town will coordinate development of the capital budget with development of the operating budget. Future operating costs associated with new capital projects will be projected and included in operating budget forecasts.
- The Town will make use of non-debt capital funding through the use of alternate sources, including proffers and pay-as-you-go financing. The goal is to finance at least 25% of the current portion of construction and acquisition costs of capital assets, improvements, and infrastructure through the use of non-debt sources.
- The Town will not fund non-capital operations from the proceeds of borrowed funds and will confine long-term borrowing and capital leases to capital improvements, projects, equipment, or related expenditures that cannot be financed from current financial resources.
- The Town will, when financing capital improvements or other projects or equipment by issuing bonds or entering into capital leases, repay the debt within a period not to exceed the expected useful life of the project or equipment. Debt related to equipment ancillary to a construction project may be amortized over a period less than that of the primary project.
- The Town is cognizant of its debt burden and will continue to offset its impact through rapid payback. An average payback of at least 60% in ten years will be maintained except for projects with a known revenue stream.
- The Town will annually calculate target debt ratios. The Town’s debt capacity shall be maintained within the following primary goals:
 - Debt service expenditures as a percentage of General Fund expenditures should not exceed 15%.
 - Bonded debt of the Town shall not exceed 2.5% of the total assessed value of taxable real property in the Town.
- The Town will follow a policy of full disclosure in every annual financial report and financing official statement/offering document.
- The Town will maintain good communications about its financial condition with bond and credit rating institutions.



Supplemental Information

