TOWN OF HERNDON, VIRGINIA
PLANNING COMMISSION PUBLIC HEARING AGENDA
FEBRUARY 28, 2022
HERNDON COUNCIL CHAMBERS BUILDING
765 LYNN STREET
7:00 P.M.

CALL TO ORDER

1. Roll Call
2. Determination of Quorum

APPROVAL OF AGENDA

APPROVAL OF MINUTES

3. January 10, 2022, Planning Commission work session, *Cancelled*

4. January 24, 2022, Planning Commission Public Hearing Draft Minutes

COMMENTS

5. Comments from the Staff Members

6. Comments from the Commissioners

7. Comments from the Audience

PUBLIC HEARING

8. **TOWN OF HERNDON FY 2023 – FY 2028 CAPITAL IMPROVEMENT PROGRAM (CIP), the Planning Commission will take public comment on the town's Capital Improvement Program (CIP) and consider** a recommendation to the Town Manager. The manager will subsequently recommend an operating budget and CIP to the Town Council. The CIP is a financial planning document that establishes a six-year schedule for public improvements and serves as a companion policy document to the Town of Herndon 2030 Comprehensive Plan.

NEW BUSINESS

9. Resolution, to approve amendment to the by-laws for the Planning Commission (PC).

ADJOURNMENT

TOWN OF **Herndon** VIRGINIA

MEMORANDUM

To: Chairman Romeo and Members of the Planning Commission

From: John M. Verdin, Capital Improvement Plan Program Manager

Date: February 23, 2022

Subject: Draft FY 2023 - FY 2028 Capital Improvement Program (CIP)

The following items are provided to follow up on the work session discussion and questions from the commission to staff:

CIP Project Prioritization Process: In recognition of your expressed interest in learning more about the prioritization processes used as one of the tools for assembling the propossed projects into the draft FY23-FY28 CIP, the guidelines have been attached. We would recommend that if the Planning Commission is interested in providing guidance on the CIP Project Prioritization process, that it be early in the FY2024-FY2029 CIP process. Items to consider might include, but not limited to, guidance in setting "Category Weight" and possible edits to "Categories".

Draft FY2023-FY2028 CIP: The attached CIP document incorporates the following revisions:

1. pages #11-#12 – prioritization scores have been inserted
3. page # 25 – Sterling Road Multi-Modal Improvements has been inserted
4. page # 37 – Council Chambers Retrofit; updated narrative
5. page # 53 – Runnymeade Park Nature Center has been inserted

Please let me know if you have any additional questions at this time.

Attachments:

Attachment #1 CIP Prioritization Guidelines
Attachment #2 Draft FY2023-FY2028 CIP Revised

c: John Irish, Deputy Director Department of Public Works

Town of Herndon Capital Improvement Plan Prioritization Guidelines/Suggestion Summary

Introduction

The Capital Improvement Plan (CIP) is a tool to help the Town look beyond year-to-year budgeting to determine what, when, where and how future public improvements will take place over the next five years.

Capital Project Defined

A capital project is defined as a project with a minimum total cost of $50,000 resulting in either the creation of a new fixed asset or results in the enhancement to an existing fixed asset with a life expectancy of at least 5 years. Some examples include construction or expansion of public buildings, new storm and sanitary sewers, water line upgrades and extensions, the acquisition of land for public use, planning and engineering costs, and street construction.

Goals

The goal of a 6-year CIP is to establish a plan that outlines the projected infrastructure improvement needs of the Town to assist in the planning and budgeting process. This plan will include a summary of the improvements, an estimated cost, a schedule for the improvements, the source of funding for the project and operating, maintenance and debt service (if applicable) costs. The CIP will prioritize the identified projects into yearly plans based on areas of emphasis and project rankings. Because the Town's goals and resources are constantly changing, this plan is designed to be re-evaluated each year to reaffirm or reprioritize the capital improvement projects. Some projects may remain relatively fixed in their prioritization if substantial outside funding commitments have been made to the projects and accepted by the Town Council.

Prioritization

The prioritization of the eligible projects is completed by staff through use of a CIP Ranking System as outlined in the attached chart. Each potential project must first be classified as a CIP project according to the definition above. If the above criteria are met, the project will be given aCIP score and project ranking. Based on this CIP score and project ranking, the recommended CIP will be established and presented to the Town Manager for consideration in the final proposed town budget.

Funding Limits

On an annual basis, funds for CIP projects will be limited based on the Town's fund balances and bonding capabilities. A level of funding for the different project types will be developed in order to determine the annual scope of the CIP. Projects identified in the CIP may be funded by different sources. General Funds, General obligation (GO) bonds, revenue bonds, direct funding out of existing Enterprise Fund balances, grants and donations are a few of the different options for funding CIP projects. During the Town's annual budget process, the funds available to support General Fund will be analyzed and determined.

Scheduling of Projects

Project schedules will be developed based on the available funding, project ranking, and how it correlates with other projects included in and out of the CIP. The schedules will determine where each project fits in the 6-year plan.

Production of CIP Plan

The final plan will be produced based on the evaluation of the CIP score, project type, funding and schedule. The CIP will be re-evaluated on an annual basis to align growth, needs and budgeting.

CIP Prioritization Worksheet

Categories	Category Score	Category Weight *	Weighted Score	Total Score
Long-Term Planning (0-5)		2	0	
Health/Public Safety (0-5)		3	0	
Infrastructure (0-5)		3	0	
Regulatory Compliance (0-5)		4	0	0
Impact on Operational Budget (0-5)		2	0	
Quality of Life (0-5)		3	0	
Location/Timing (0-5)		2	0	
Sustainability (0-5)		2	0	
External Funding (0-5)		4	0	

** Weighting will be re-evaluated by the Prioritization Committee*

CIP Ranking Criteria

1. **Long-Term Planning-** Plans such as Plan 2030, various master plans, and departmental strategic plans are prepared to provide the Town of Herndon with valuable aids for continuing efforts to meet and exceed goals set forth by Town Council, departments, advisory boards and commissions, and the community at-large. Plans include those documents that have been prepared internally to assure consistent adherence to industry best practices, as well as those documents that have been created with the assistance of outside consultants. A component of long-term planning includes public discussion and/or public engagement. The score could be based on answers to the following example questions:
    a. Is the proposed project contained in one or more of the Town's long-term planning documents?
    b. Is the proposed project listed as a high priority, or over time, has it become a high priority of staff, a standing advisory board, or the Town Planning Commission or Council due to an expressed need?
    c. Does the proposed project align with asset management goals of the Town?
    d. Has the proposed project been fully developed and defined in enough detail so that the specifics are known?
    e. Have adequate public discussion and an appropriate level of public engagement around the project transpired, and does there appear to be broad community support?

Scoring Scale

0	1	2-3	4	5
The project is not part of any long-term planning document	←→	The project is included in a long-term planning document, but may not be a high priority or appropriate public engagement on the specific proposal has not yet transpired	←→	The project is included in a long-term planning document, is a high priority, and has been well-vetted

2. **Health/Safety-** This would include items that would improve the overall health and safety of the community such as bike/jogging trails, new recreation facilities, safer roads, and flood control measures, as well as enhancements to police, fire and emergency medical services. Projects to address employee safety issues, and to proactively manage risk, would also be included. The score could be based on answers to the following example questions:
    a. How would the proposed project impact the health and wellbeing or safety of Herndon residents and/or employees and how widespread is that potential impact?
    b. What is the degree of seriousness of the health/safety issue that is being addressed through the proposed project?
    c. Does the project help assist the Town to respond more effectively and

efficiently to emergencies throughout the community?

d. Does the project address a serious risk or liability issue and to what degree?

Scoring Scale

0	1	2-3	4	5
The project does not impact the health/safety of the community	←→	The project addresses a serious health/safety issue that has a limited Impact or addresses a less-serious issue but serves the health/safety of the broader community	←→	The project directly addresses a serious health/safety issue that has a widespread impact

3. **Infrastructure** -This item relates to infrastructure needs for the Town of Herndon, including sidewalks, streets, lighting, parking facilities, municipal buildings and recreational facilities, to name a few. The score could be based on answers to the following example questions:
   a. Is the infrastructure project needed?
   b. If the proposed project is improving existing infrastructure, are there significant consequences if the existing infrastructure fails or is there a high likelihood of failure?
   c. Will the proposed project address an existing facility that is outdated or has exceeded its useful life?
   d. Is the proposed project supported by a life cycle analysis of repair versus replacement?
   e. Does the proposed project extend service to support/promote new growth?
   f. Does the proposed project foster safe and accessible modes of travel?

Scoring Scale

0	1	2-3	4	5
The level of need for the project is low and it addresses either new or existing infrastructure	←→	The level of need for th project is moderate and it addresses either new or existing infrastructure (maximum score for a new facility)	←→	The level of need for project Is high; it addresses existing infrastructure; and the ancfllary benefits are well- defined.

4. **Regulatory Compliance** - This includes compliance with regulatory mandates such as Department of Environmental Quality (DEQ), Environmental Protection Agency (EPA) directives, the Americans with Disabilities Act, the Manual on Uniform Traffic Control Devices and other County, State and Federal laws. The score could be based on answers to the following example questions:
   a. Does the proposed project address a current regulatory mandate?
   b. Will the proposed project proactively address a foreseeable (within the next 6 years) regulatory mandate?
   c. Does the proposed project have a lasting impact on promoting regulatory compliance over the long term (more than 10 years)?

Scoring Scale

0	1	2-3	4	5
The project does not address a regulatory compliance issue	←→	The Project Provids a short-term fix for an existing regulatory compliance issue or for one anticipated in the near future (maximum score for self-mandated projects)	←→	The project resolves a pressing or long-term regulatory compliance issue

5. **Impact on Operational Budget** - Some projects may impact the operating budget for the next few years or forthe life of the facility. A new facility will need to be staffed and supplied, therefore having an impact on the operational budget for the life of the facility. Replacing a streetlight with a more energy efficient model may decrease operational costs. The score could be based on answers to the following questions:
   a. Will the proposed project require additional personnel to operate?
   b. Will the proposed project require additional annual maintenance?
   c. Will the proposed project require additional equipment not included in the project budget?
   d. Will the proposed project reduce staff time and Town resources currently being devoted, and thushave a positive impact on the operational budget?
   e. Will the efficiency of the proposed project save money?
   f. Will the proposed project present a revenue generating opportunity?
   g. Will the proposed project help grow a strong, diversified economic base to help offset any additional costs?

Scoring Scale

0	1	2-3	4	5
The project does not have a critical timing or location component	←→	The project has either critical timing or location component	←→	Both timing and location are critical components of the project

6. **Quality of Life** -Quality of life is a characteristic that makes the Town a favorable place to live and work. A large park with amenities to satisfy all community members would greatly impact the quality of life. The score could be based on answers to the following example questions:
   a. Does the proposed project enhance the quality of life for a wide range of community members?
   b. Will the proposed project attract new residents, businesses or visitors to the Town?
   c. Does the proposed project serve to preserve the integrity of the Town's residential neighborhoods?
   d. Does the proposed project help create a beautiful and clean community?
   e. Does the proposed project specifically promote the responsible use of resources?
   f. Does the proposed project encourage widespread participation in a variety of

recreational and cultural activities accessible to all community members?

Scoring Scale

0	1	2-3	4	5
The project will not impact the ability of disenfranchised or vulnerable populations to access services/improve livelihoods	←→	The project will have a modest positive impact on the ability of disenfranchised or vulnerable populations to access services/improve livelihoods.	←→	The project will have a significant positive impact on the ability of disenfranchised or vulnerable populations to access services/improve livelihoods.

7. **Timing/Location** -The timing and location of the project is an important attribute of the project. If the project is not needed for many years, it would score low in this category. If the project is close in proximity to many other projects and/or if a project is urgent or may need to be completed before another one can be started, it would score high in this category. The score could be based on the answers to the following example questions:
    a. When is the proposed project needed?
    b. When will the proposed project need to be fully funded?
    c. Do other projects require this one to be completed first?
    d. Does the proposed project require other projects to be completed first?
    e. Can the proposed project be done in conjunction with other projects? (example: installation of sidewalks and street lighting within the same block)
    f. Will it be more economical to build multiple projects together, thus reducing construction costs?
    g. Will it help reduce the overall number of neighborhood disruptions from year to year?
    h. Is this an existing facility at or near the end of its functional life?

Scoring Scale

0	1	2-3	4	5
The project does not have a critical timing or location component	←→	The project has either critical timing or location component	←→	Both timing and location are critical components of the project

8. **Equity-** Projects that move the Town towards achieving social equity will score higher in this category. The score could be based on the answers to the following example questions:
    a. Does the proposed project positively impact populations of difference incomes, races, educationlevels, language skills, ages, physical or mental abilities, or other vulnerable populations?
    b. Is the proposed project in a low- or moderate-income area as outlined by U.S. Department of Housing and Urban Development (HUD)?

Scoring Scale

0	1	2-3	4	5
The project will not impact the ability of disenfranchised or vulnerable populations to access services/improve livelihoods	←→	The project will have a modest positive impact on the ability of disenfranchised or vulnerable populations to access services/improve livelihoods.	←→	The project will have a significant positive impact on the ability of disenfranchised or vulnerable populations to access services/improve livelihoods.

9. Sustainability-Projects that move the Town towards more sustainable and energy saving practices will score higher in this section. The score could be based on the answers to the following example questions:
    a. Does the proposed project help meet the sustainability goals of the Town **(i.e.** 100% renewable energy, STAR rating improvements, improve energy efficiency, reduction of fossil fuels and/or greenhouse gas (GHG) emissions, etc.)?

Scoring Scale

0	1	2-3	4	5
The project will not impact the **Town's** ability to achieve **established sustainability goals**	←→	The project will have a modest positive impact on the Town's ability to achieve established sustainability goals	←→	The project will have a significant positive impact on the Town's ability to achieve established sustainability goals

10. **External Funding-** Capital improvement projects may be funded through sources other than Town funds. Grants through various agencies, public private partnerships, and donations can all be sources of external funding for a project. The percentage of total cost funded by an outside source will determine the score in this category.

Scoring Scale

0	1	2	3	4	5
0% to 16%	**17% to 33%**	**34% to 50%**	**51% to 67%**	**68% to 84%**	**85% to 100%**
External Funding	External Funding	External Funding	External Funding	External Funding	External Funding

Attachment #2

Town of Herndon
Digital Budget Book

Last updated

TABLE OF CONTENTS

CAPITAL IMPROVEMENTS

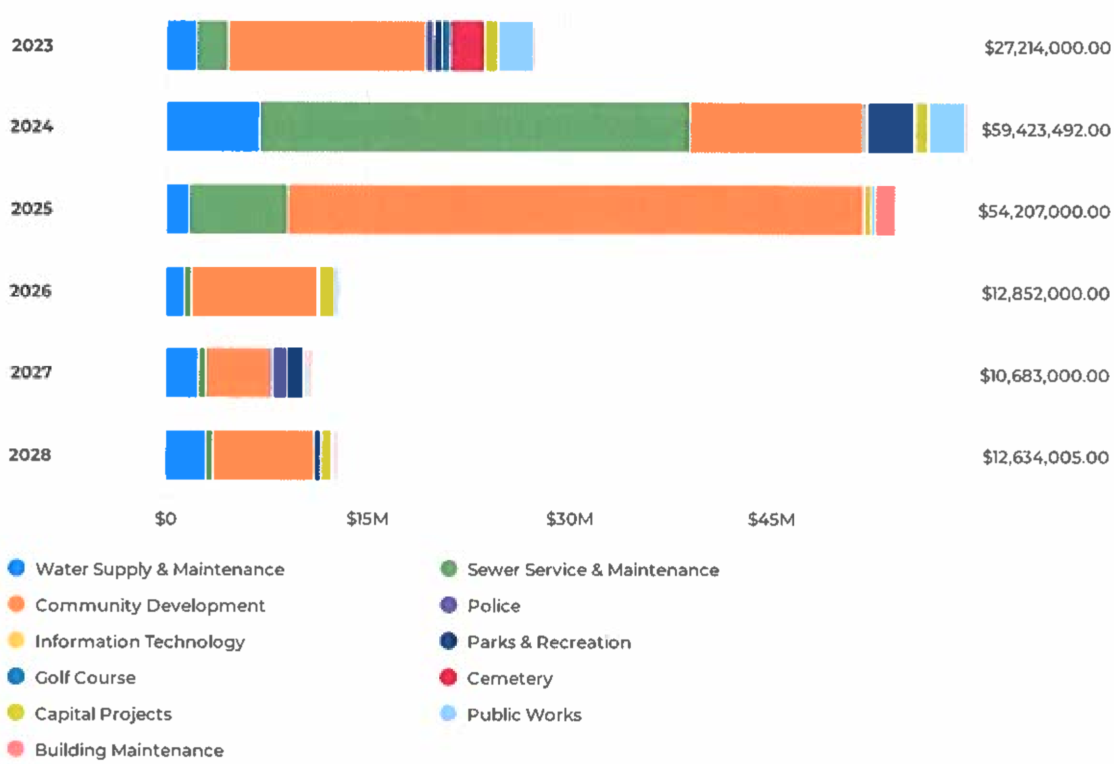
Capital Improvements: Multi-year Plan

Total Capital Requested

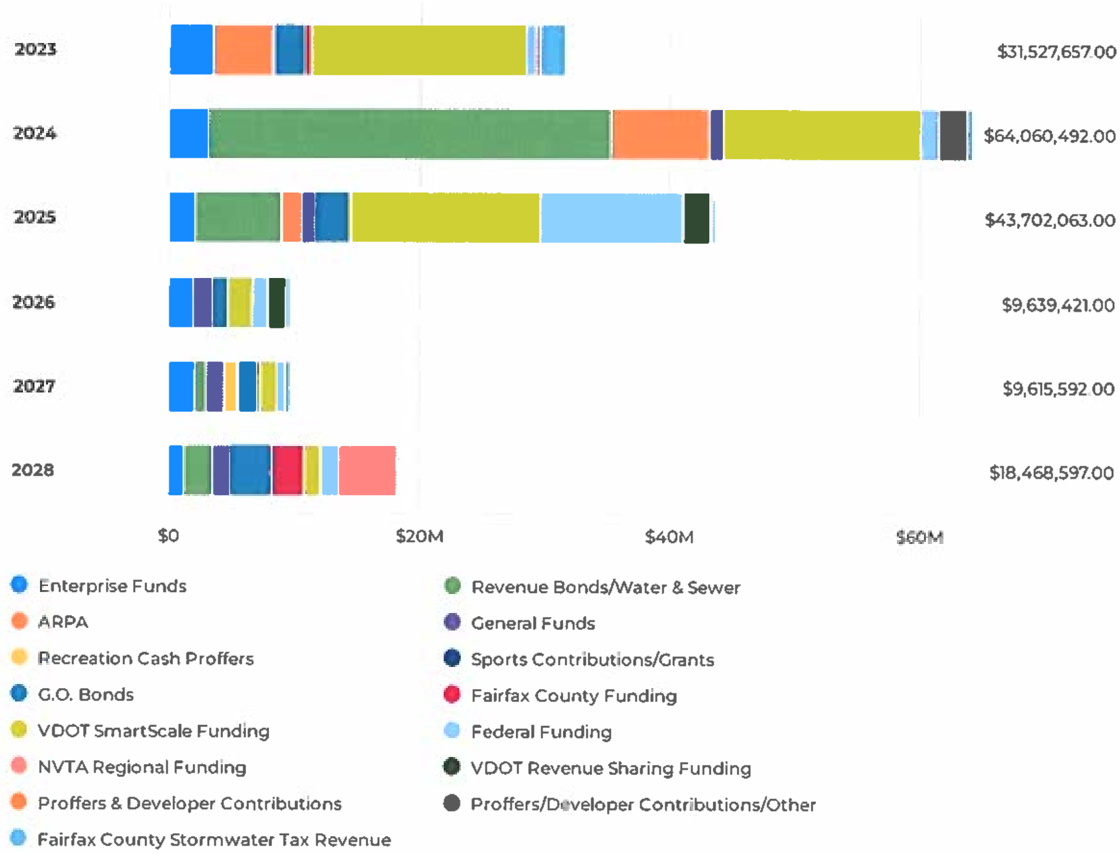
$177,013,497

55 Capital Improvement Projects

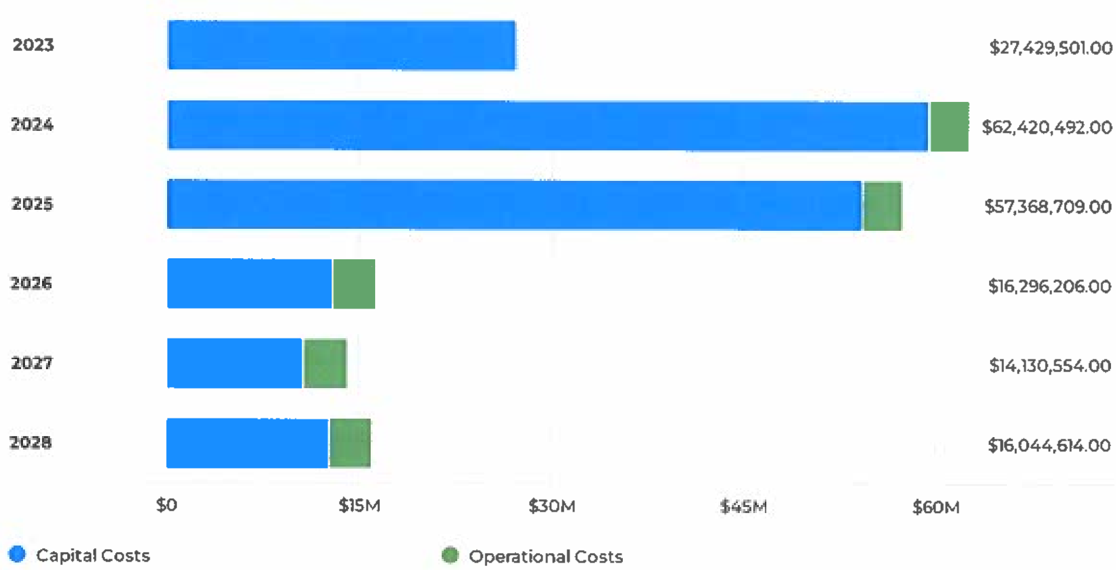
Total Funding Requested by Department



Total Funding Requested by Source



Capital Costs Breakdown



Cost Savings & Revenues

There's no data for building chart

Parks & Recreation Requests

Itemized Requests for 2023-2029

Pickle-ball Courts	**$25,000**
Aquatic Office Conversions	**$100,000**
Sports Field and Park Improvements	**$1,523,000**
Bready Park Tennis Court Renovation	**$881,130**
W&OD Trail Lighting	**$1**
Park Equipment Replacement Program	**$540,000**
Herndon Community Center - Phase 5	**$1**
Trailside Skate Park Expansion	**$1**
Runnymede Park Nature Center	**$1**
Herndon Community Center -Aquatics - Pool Pak Replacement	**$2,598,487**
Town Hall Square, Depot, Caboose Improvements	**$50,000**
	Total: $5,717,621

Golf Course Requests

Itemized Requests for 2023-2029

Golf Course Vehicles/Equipment	**$150,000**
Golf Course Master Plan Improvements	**$470,000**
Clubhouse Expansion - Phase Three	**$50,000**
	Total: $670,000

Community Development Requests

Itemized Requests for 2023-2029

Herndon Metrorail Promenade	**$200,000**
Center Street Culvert Safety Improvement	**$30,000**
Central Elden Walkability Improvements	**$2,800,000**
Wayfinding Signage	**$1**
Trails to Herndon Metrorail	**$467,550**
East Elden Street (from west of Van Buren St to Fairfax Co. Parkway)	**$50,500,000**
South Elden Street (Herndon Parkway to Sterling Road	**$16,000,000**
Worldgate Drive Extension	**$150,000**
Herndon Pkwy/Spring St Intersection to F. Co. Pkwy	**$8,654,000**
Sidewalks, Trails and Bicycle Facilities	**$1,250,000**
Traffic Signal at Herndon Centre (former K-Mart)	**$1,650,000**
Sterling Road Multi-Modal Improvements	**$818,000**
Downtown Utility Relocation	**$2,100,000**
Herndon Parkway Improvement at Worldgate Extension	**$7,386,000**
Herndon Parkway / Sunset Park Drive Intersection	**$75,000**

Total: $92,080,551

Police Requests

Itemized Requests for 2023-2029

Police Parking Lot Expansion	**$481,464**
Police Exterior Garage	**$1,060,000**
Police Records Management System	**$225,000**

Total: $1,766,464

Public Works Requests

Itemized Requests for 2023-2029

1481 Sterling Road's Future Determination	$50,000
Energy Conservation	$2,200,000
Town Shop Underground Fuel Storage Tank Replacement	$1,000,000
Storm Drainage Improvements	$2,400,000
Stream Restoration	$1,000,000
	Total: $6,650,000

Cemetery Requests

Itemized Requests for 2023-2029

Chestnut Grove Cemetery	$2,600,000
	Total: $2,600,000

Capital Projects Requests

Itemized Requests for 2023-2029

Town-wide Security Improvements	$1,336,473
Herndon Municipal Center/Chambers Backlog	$3,094,738
	Total: $4,431,211

Information Technology Requests

Itemized Requests for 2023-2029

Council Chambers Retrofit	$200,000
Network infrastructure end of life equipment replacement	$280,000
	Total: $480,000

Building Maintenance Requests

Itemized Requests for 2023-2029

HMC Fire Alarm System	**$1,620,650**
	Total: $1,620,650

Sewer Service & Maintenance Requests

Itemized Requests for 2023-2029

Sewer System Conveyance	**$13,000,000**
Sewer Main Relining and Manhole Rehab Program	**$3,000,000**
Sewer Utility Master Plan Improvements	**$1,650,000**
Sewer Capacity Purchase	**$25,000,000**
Sewer - Major Vehicles/Equipment	**$625,000**
	Total: $43,275,000

Water Supply & Maintenance Requests

Itemized Requests for 2023-2029

General Water Maintenance and Replacement	**$8,752,000**
Water Utility Master Plan Improvements	**$8,210,000**
Water - Major Vehicles/Equipment	**$300,000**
Water - Facility Security/Improvements	**$460,000**
	Total: $17,722,000

CIP PROGRAM SUMMARY SPREADSHEET

FY 2023 - FY 2028 CIP SUMMARY: GENERAL Government PROJECTS

Request Title	Score	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	All Years Capital Cost
Multimodal Transportation and Enhancements								
East Elden Street (from west of Van Buren St to Fairfax Co. Parkway)	103	$10,400,000	$9,400,000	$24,000,000	$4,500,000	$1,200,000	$1,000,000	$50,500,000
Herndon Pkwy/Spring St Intersection to F. Co. Pkwy	103	$3,407,000		$3,976,000	$1,271,000			$8,654,000
Vehicular and Pedestrian Access to Herndon Metrorail	103							$0
Van Buren St Improvements (Spring Street to Herndon Parkway)	103							$0
Herndon Parkway/Van Buren St. Intersection	103							$0
South Elden Street (Herndon Parkway to Sterling Road	101		$2,800,000	$13,200,000				$16,000,000
Trails to Herndon Metrorail	79	$467,550						$467,550
Sidewalks, Trails and Bicycle Facilities	78		$250,000	$250,000	$250,000	$250,000	$250,000	$1,250,000
Central Elden Walkability Improvements	77					$300,000	$2,500,000	$2,800,000
Traffic Signal at Herndon Centre (former K-Mart)	76			$250,000	$1,400,000			$1,650,000
Downtown Utility Relocation	73					$100,000	$2,000,000	$2,100,000
Sterling Road Multi-Modal Improvements	72	$204,000				$114,000	$500,000	$818,000
Herndon Metrorail Promenade	68			$200,000				$200,000
Herndon Parkway Improvement at Worldgate Extension	66		$286,000	$809,000	$1,857,000	$3,090,000	$1,344,000	$7,386,000
Herndon Parkway / Sunset Park Drive Intersection	56	$75,000						$75,000
Wayfinding Signage	51						$1	$1
Center Street Culvert Safety Improvement	45		$30,000					$30,000
Worldgate Drive Extension	66	$150,000						$150,000
SUBTOTAL		**$14,703,550**	**$12,766,000**	**$42,685,000**	**$9,278,000**	**$5,054,000**	**$7,594,001**	**$92,080,551**
Government Facilities Infrastructure								
Energy Conservation	85		$2,200,000					$2,200,000
Town-wide Security Improvements	80	$736,473		$300,000	$300,000			$1,336,473
1481 Sterling Road's Future Determination	74		$50,000					$50,000
Town Shop Underground Fuel Storage Tank Replacement	72	$1,000,000						$1,000,000
Herndon Municipal Center/Chambers Backlog	62	$229,738	$1,000,000	$125,000	$800,000	$160,000	$780,000	$3,094,738
Council Chambers Retrofit	62		$200,000					$200,000
Police Parking Lot Expansion	53	$481,464						$481,464
Police Exterior Garage	47			$60,000		$1,000,000		$1,060,000
Police Records Management System	57		$225,000					$225,000
Network infrastructure end of life equip replacement	45	$85,000	$100,000	$20,000	$75,000			$280,000
HMC Fire Alarm System	80		$130,650	$1,490,000				$1,620,650
SUBTOTAL		**$2,532,675**	**$3,905,650**	**$1,995,000**	**$1,175,000**	**$1,160,000**	**$780,000**	**$11,548,325**
Stormwater Management/Enviromental Enhancement								
Storm Drainage Improvements	97	$650,000	$500,000	$300,000	$350,000	$300,000	$300,000	$2,400,000
Stream Restoration	95	$1,000,000						$1,000,000
SUBTOTAL		**$1,650,000**	**$500,000**	**$300,000**	**$350,000**	**$300,000**	**$300,000**	**$3,400,000**
Parks and Recreation								
Sports Field and Park Improvements	85		$248,000		$75,000	$1,200,000		$1,523,000
Bready Park Tennis Court Renovation	85	$65,000	$816,130					$881,130
HCC -Aquatics - Pool Pak Replacement	77	$375,775	$2,222,712					$2,598,487
Park Equipment Replacement Program	61	$105,000					$435,000	$540,000
Town Hall Square, Depot, Caboose Improvements	45				$50,000			$50,000
W&OD Trail Lighting	59						$1	$1
Herndon Community Center - Phase 5	46						$1	$1
Trailside Skate Park Expansion	28						$1	$1
Runnymede Park Nature Center	23						$1	$1
Aquatic Office Conversions	23			$100,000				$100,000
Pickle-ball Courts	35			$25,000				$25,000
SUBTOTAL		**$545,775**	**$3,286,842**	**$125,000**	**$125,000**	**$1,200,000**	**$435,004**	**$5,717,621**
GENERAL FUNDS PROJECT: TOTAL		$19,432,000	$20,458,492	$45,105,000	$10,928,000	$7,714,000	$9,109,005	$112,746,497

FY 2023 - FY 2028 CIP SUMMARY: ENTERPRISE FUND PROJECTS

Request Title	Score	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	All Years Capital Cost
Golf Course Fund Projects								
Golf Course Master Plan Improvements	95	$470,000						$470,000
Clubhouse Expansion - Phase Three	82		$50,000					$50,000
Golf Course Vehicles/Equipment	72	$150,000						$150,000
GOLF COURSE FUNDS: TOTAL		**$620,000**	**$50,000**	**$0**	**$0**	**$0**	**$0**	**$670,000**
Water and Sewer Funds Projects								
Sewer - Major Vehicles/Equipment	100	$450,000	$175,000					$625,000
Sewer Capacity Purchase	114		$25,000,000					$25,000,000
Sewer Utility Master Plan Improvements	114		$1,650,000					$1,650,000
Sewer Main Relining and Manhole Rehab Program	96	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$3,000,000
Sewer System Conveyance	92	$1,400,000	$4,700,000	$6,900,000				$13,000,000
Water - Facility Security/Improvements	79		$460,000					$460,000
Water - Major Vehicles/Equipment	100		$300,000					$300,000
Water Utility Master Plan Improvements	112	$600,000	$4,050,000		$135,000	$1,175,000	$2,250,000	$8,210,000
General Water Maintenance and Replacement	96	$1,612,000	$2,080,000	$1,702,000	$1,289,000	$1,294,000	$775,000	$8,752,000
WATER & SEWER FUNDS : TOTAL		$4,562,000	$38,915,000	$9,102,000	$1,924,000	$2,969,000	$3,525,000	$60,997,000
Cemetery Fund Project								
Chestnut Grove Cemetery	73	$2,600,000						$2,600,000
CEMETERY FUNDS: TOTAL		**$2,600,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$2,600,000**

	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	All Years Capital Cost
FY 2023 - FY 2028 Projects TOTAL	**$27,214,000**	**$59,423,492**	**$54,207,000**	**$12,852,000**	**$10,683,000**	**$12,634,005**	**$177,013,497**

GENERAL GOVERNMENT PROJECTS

East Elden Street (from west of Van Buren St to Fairfax Co. Parkway)

Project Number:	03-ST-97-001	**Department:**	Community Development
Total Capital Cost:	$50,500,000	**Type:**	Capital Improvement

Request description:
This VDOT project will improve Elden Street, from Fairfax County Parkway to Van Buren Street, in accord with the Town Council resolution of October 13, 1998. Project elements include streetscape and median enhancements. Elden Street will be widened to a six-lane divided section with a vegetated median strip between the Herndon and Fairfax County Parkways. From Herndon Parkway to Van Buren Street, the project will include a four-lane section with a vegetated median strip with dedicated turning lanes. The project will make a transition down to two travel lanes west of Van Buren Street and approaching Monroe Street.

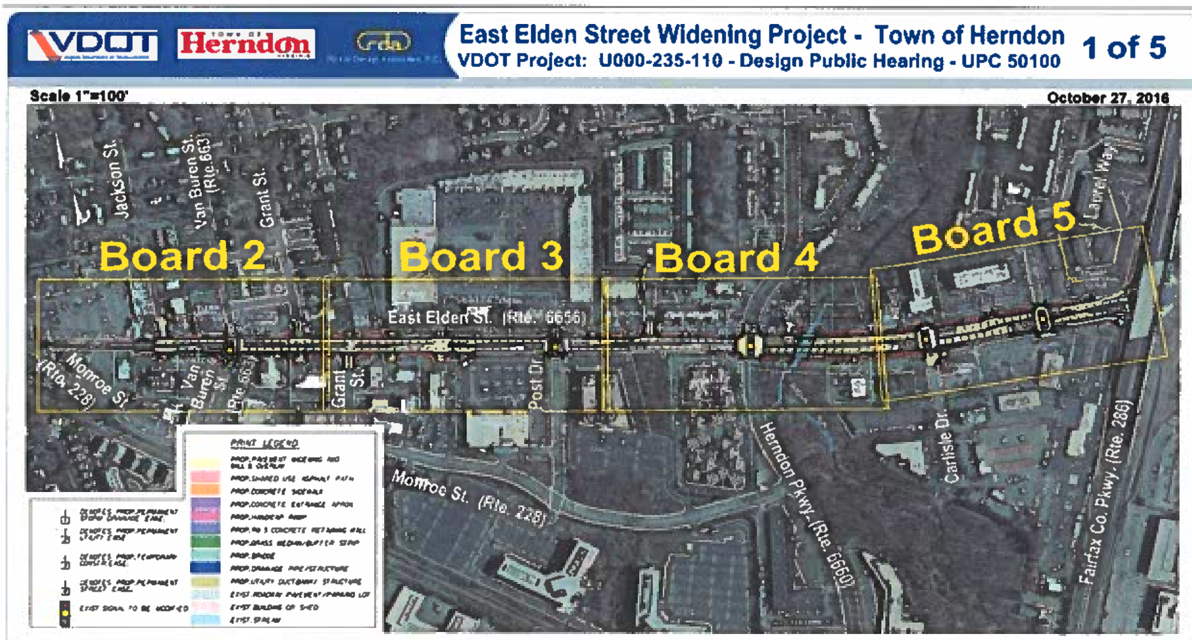
VDOT's Six-Year Improvement Program (SYIP) is the source for the figures below. The project is currently using federal surface transportation (RSTP) funding for the engineering design phase. The project is being designed and constructed by VDOT, in cooperation with the Town of Herndon. VDOT anticipates construction starting in the spring of 2023.

Capital Costs	Cost To Date	FY2023	FY2024	FY2025	FY2026	FY2027	Beyond FY2027	Total
Planning/Studies								$0
Design/Engineering	$6,179,000							$0
Land/Right-of-way/Utilities								$0
Construction/Maintenance		$10,400,000	$9,400,000	$24,000,000	$4,500,000	$1,200,000	$1,000,000	$50,500,000
Legal/Special Consultant/Other								$0
Total	$6,179,000	$10,400,000	$9,400,000	$24,000,000	$4,500,000	$1,200,000	$1,000,000	$50,500,000

Funding Source	FY2023	FY2024	FY2025	FY2026	FY2027	Beyond FY2027	Total
General Funds							$0
Fairfax County Funding							$0
NVTA Regional Funding							$0
VDOT SmartScale Funding	$13,809,325	$13,809,000	$1,274,000	$974,000	$1,298,796	$1,298,796	$32,463,917
VDOT Revenue Sharing Funding							$0
Federal Funding	$654,330	$804,000	$11,171,000	$1,161,358			$13,790,688
G.O. Bonds			$674,063	$974,063	$1,298,796	$1,298,796	$4,245,718
Proffers & Developer Contributions							$0
Total	$14,463,655	$14,613,000	$13,119,063	$3,109,421	$2,597,592	$2,597,592	$50,500,323

Additional Information

Type of Project	Resurface Current Road



Herndon Pkwy/Spring St Intersection to F. Co. Pkwy

Project Number:	03-ST-12-001	**Department:**	Street Maintenance & Construct
Total Capital Cost:	$8,654,000	**Type:**	Capital Improvement

Request description:
Widen and reconstruct Spring Street from 4 to 6 lanes between Fairfax County Parkway and Herndon Parkway; project limits extend westward approximately 650 feet west of Herndon Parkway; add turning lanes on approaches to the intersection of Herndon Parkway and Spring Street; reconfigure the Fairfax County Parkway off-ramp at Spring Street to accommodate an exclusive southbound left turn lane; add dedicated northbound right turn lanes on Herndon Parkway at Spring Street; add a second left turn lane on southbound Herndon Parkway at Spring Street; reconfigure existing traffic signals. Create a safe pedestrian crossing of the ramp to southbound Fairfax County Parkway along the southern side of Spring Street and connect the crossing to nearby sidewalks. Enhance safety facilities for pedestrians, cyclists and transit users. VDOT will administer this project and will design and build the project based on the funding shown. The VDOT project name is Widen East Spring Street. VDOT anticipates construction to start during spring 2022.

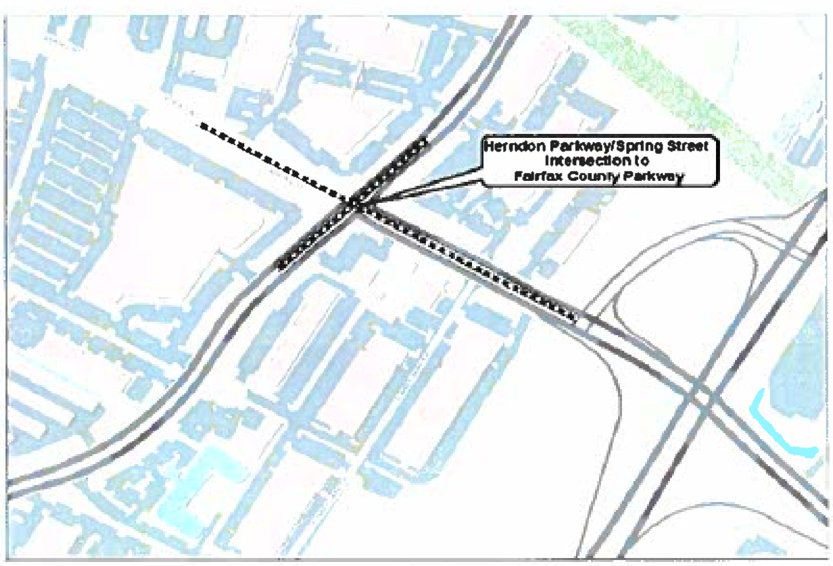
Capital Costs	Cost To Date	FY2023	FY2025	FY2026	Total
Planning/Studies					$0
Design/Engineering					$0
Land/Right-of-way/Utilities					$0
Construction/Maintenance	$10,595,000	$3,407,000	$3,976,000	$1,271,000	$8,654,000
Legal/Special Consultant/Other					$0
Total	$10,595,000	$3,407,000	$3,976,000	$1,271,000	$8,654,000

Funding Source	FY2023	FY2025	FY2026	Total
General Funds				$0
Fairfax County Funding				$0
NVTA Regional Funding				$0
VDOT SmartScale Funding	$3,307,000		$1,000,000	$4,307,000
VDOT Revenue Sharing Funding		$1,988,000		$1,988,000
Federal Funding	$100,000			$100,000
G.O. Bonds		$1,988,000	$271,000	$2,259,000
Proffers & Developer Contributions				$0
Total	$3,407,000	$3,976,000	$1,271,000	$8,654,000

Additional Information

Benefit to Community: By reconfiguration of the Fairfax County Parkway off-ramp at Spring Street, adding dedicated northbound right-turn lanes on Herndon Parkway at Spring Street, and adding a second left-turn lane on southbound Herndon Parkway at Spring Street and reconfiguration of the existing traffic signals; this project will accommodate an exclusive southbound left turn lane and will enhance traffic flow efficiency. In addition, it will create a safe pedestrian crossing of the ramp to southbound Fairfax County Parkway along the southern side of Spring Street and connect the crossing to nearby sidewalks. Further, it will enhance safety facilities for pedestrians, cyclists, and transit users. This project is aligned with the adopted goals and objectives of the Town's 2035 vision and 2030 Comprehensive plan which calls for Cultivating a Sustainable Environment through;

Type of Project: Resurface Current Road



Vehicular and Pedestrian Access to Herndon Metrorail

Project Number: 3-CD-08-002
Total Capital Cost:

Department: Community Development
Type: Capital Improvement

Request description:
This project will provide improvements to create better vehicular and pedestrian access in the vicinity of the north side of the Herndon Metrorail Station. A drop-off lane for both directions along Herndon Parkway is proposed to accommodate Fairfax Connector buses and for drivers to pull off of Herndon Parkway to drop off Metrorail passengers in a safe manner. The town was allocated previous CMAQ funding, with an additional $300,000 in FY2022 approved by the Northern Virginia Transportation Authority for enhancements, signalization, etc. that will be needed beyond the initial improvements. The project will be using $250,000 of HMSAMS funding for a mid-block signalized crosswalk at Herndon Parkway and the sidewalk extending from the station entrance. The town anticipates that additional enhanced pedestrian and vehicle facilities beyond this project will be funded through developer commitments associated with rezoning for redevelopment. Metrorail service on Phase 2 of the Silver Line may be available by 2021, extending the line from Wiehle Ave Station through Dulles Airport to Route 772 in Loudoun County. Construction of the town access project is anticipated during FY21 and will need to be coordinated with the construction of the entrance pavilion and sidewalk by Metrorail.

Capital Costs	Cost To Date	Total
Planning/Studies		
Design/Engineering	$598,000	
Land/Right-of-way/Utilities	$3,262,400	
Construction/Maintenance	$1,815,000	
Legal/Special Consultant/Other		
Total	$5,675,400	

Funding Source	FY2023	Total
General Funds		$0.00
Fairfax County Funding	$1.00	$1.00
NVTA Regional Funding		$0.00
VDOT SmartScale Funding		$0.00
VDOT Revenue Sharing Funding		$0.00
Federal Funding		$0.00
G.O. Bonds		$0.00
Proffers & Developer Contributions		$0.00
Total	$1.00	$1.00

Additional Information

Type of Project New Road

Van Buren Street Improvements (Spring Street to Herndon Parkway)

Project Number: 03-ST-13-001
Total Capital Cost:

Department: Street Maintenance & Construct
Type: Capital Improvement

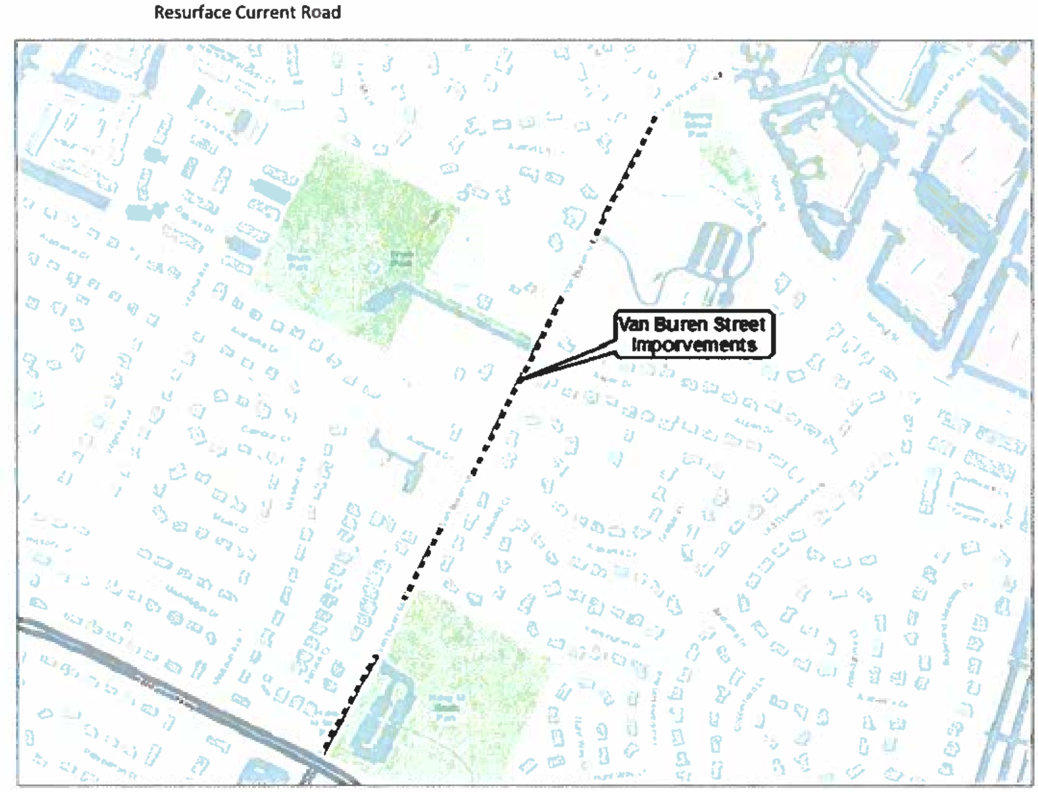
Request description:
This project will rebuild a portion of Van Buren Street to create a “complete street” with emphasis on vehicle mobility and pedestrian/bicycle facilities. This section of street provides a key linkage for multi-modal movements between the W&OD Trail and Downtown Herndon to the Herndon Metro Station. Van Buren Street curb lines and drainage features will likely be relocated to provide dedicated space for enhanced bicycle and pedestrian facilities. The general approach is to work within the existing right of way, as much as possible, which varies in width. Surveys, concept designs, and preliminary cost estimates have been completed using $150,000 of previous HB2313 funds (not shown). Remaining engineering and construction will use Fairfax County HMSAMS funding and Transportation Alternatives Set Aside funds. Design began in FY18. Construction of the project may occur in two phases: from Alabama north to Spring Street and from Alabama south to the Herndon

Capital Costs	Cost To Date	Total
Planning/Studies		
Design/Engineering	$491,000	
Land/Right-of-way/Utilities	$1,965,200	
Construction/Maintenance	$4,250,000	
Legal/Special Consultant/Other		
Total	$6,706,200	

Funding Source	Total
General Funds	
Fairfax County Funding	
NVTA Regional Funding	
VDOT SmartScale Funding	
VDOT Revenue Sharing Funding	
Federal Funding	
G.O. Bonds	
Proffers & Developer Contributions	
Total	

Additional Information

Type of Project: Resurface Current Road



Herndon Parkway/Van Buren St. Intersection

Project Number: 02-CD-08-001
Total Capital Cost:

Department: Street Maintenance & Construct
Type: Capital Improvement

Request description:
This project provides for significant transportation improvements in order to relieve congestion and improve safety. This project focuses on the Herndon Parkway intersection with South Van Buren Street. A concept study was completed in FY2014, resulting in the Town Council adopting a preliminary plan for the intersection. Funding to date includes Regional Surface Transportation Program monies as well as HB2313 Regional 70% share funding. The intersection connects two Urban Minor Arterials that provide linkage to Fairfax County and access to redevelopment areas of the Herndon Transit-Oriented Core as well as the future Herndon Metrorail station.

Capital Costs	Cost To Date	Total
Planning/Studies		
Design/Engineering	$383,000	
Land/Right-of-way/Utilities	$560,000	
Construction/Maintenance	$3,700,000	
Legal/Special Consultant/Other		
Total	$4,643,000	

Funding Source	FY2023	Total
General Funds	$1.00	$1.00
Fairfax County Funding		$0.00
NVTA Regional Funding		$0.00
VDOT SmartScale Funding		$0.00
VDOT Revenue Sharing Funding		$0.00
Federal Funding		$0.00
G.O. Bonds		$0.00
Proffers & Developer Contributions		$0.00
Total	$1.00	$1.00

Additional Information

Type of Project: Resurface Current Road

South Elden Street (Herndon Parkway to Sterling Road

Project Number:	03-ST-12-001	**Department:**	Community Development
Total Capital Cost:	$16,000,000	**Type:**	Capital Improvement

Request description:

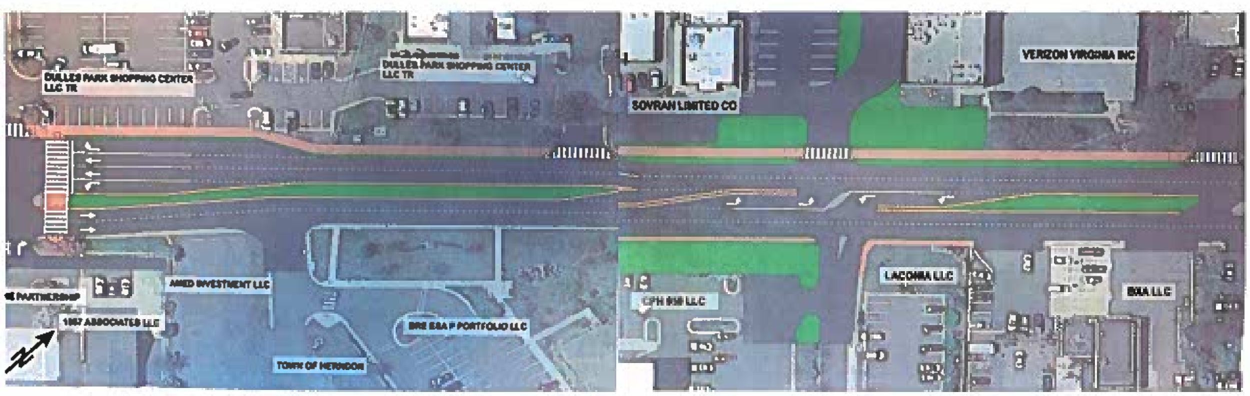
This project improves South Elden Street to a multimodal facility as recommended in the comprehensive plan amendment adopted on February 12, 2019. The Town Council also adopted a street design concept on February 26, 2019. The project provides for reconstruction of the portion of Elden Street northward from Herndon Parkway and extending to Sterling Road. The project replaces an undivided 5-lane street with a median and protected left turn lanes and improved pedestrian and bicycle facilities. The project is included in the VDOT Six Year Plan with $16M total. Cost escalation for future years of construction will be an important factor in total cost.

Capital Costs	**FY2024**	**FY2025**	**Total**
Planning/Studies			$0
Design/Engineering	$1,800,000		$1,800,000
Land/Right-of-way/Utilities	$1,000,000		$1,000,000
Construction/Maintenance		$13,200,000	$13,200,000
Legal/Special Consultant/Other			$0
Total	$2,800,000	$13,200,000	$16,000,000

Funding Source	**FY2024**	**FY2025**	**Total**
General Funds			$0
Fairfax County Funding			$0
NVTA Regional Funding			$0
VDOT SmartScale Funding	$2,000,000	$14,000,000	$16,000,000
VDOT Revenue Sharing Funding			$0
Federal Funding			$0
G.O. Bonds			$0
Proffers & Developer Contributions			$0
Total	$2,000,000	$14,000,000	$16,000,000

Additional Information

Type of Project | Resurface Current Road



Trails to Herndon Metrorail

Project Number:	03-ST-12-001		**Department:**	Street Maintenance & Construct
Total Capital Cost:	$467,550		**Type:**	Capital Improvement

Request description:

This project will provide improvements to create better pedestrian and bicycle access to the Metro entrance pavilion that will be located just to the north of the Herndon Metrorail Station. Pedestrian and bicycle improvements include improved sidewalk and asphalt trail facilities connecting the intersection of Van Buren Street and Worldgate Drive with the entrance pavilion, making use of an existing easement. Depending on the position and coverage of adjacent lighting fixtures, the trail may require lighting. Reserves as shown are HB2313 funding and also include Fairfax County's Herndon Metrorail Station Access Management Study (HMSAMS) funding as approved by Fairfax County: Crosswalk at Van Buren St. and Worldgate Dr. ($250,000); Chandon Park Connector Trail to Worldgate Trail (Total $500,000 to include design in FY18 at $200,000 and construction at $300,000). Bidding and construction pending completion of acquisition of easements and agreements with a property owner. Fairfax County to reimburse per agreements for design phase and construction phase.

Capital Costs	Cost To Date	FY2023	Total
Planning/Studies			$0
Design/Engineering	$97,450		$0
Land/Right-of-way/Utilities			$0
Construction/Maintenance	$467,550	$467,550	$467,550
Legal/Special Consultant/Other			$0
Total	$565,000	$467,550	$467,550

Funding Source	FY2023	Total
General Funds		$0
Fairfax County Funding	$467,550	$467,550
NVTA Regional Funding		$0
VDOT SmartScale Funding		$0
VDOT Revenue Sharing Funding		$0
Federal Funding		$0
G.O. Bonds		$0
Proffers & Developer Contributions		$0
Total	$467,550	$467,550

Additional Information

Type of Project	New Road

Sidewalks, Trails and Bicycle Facilities

Project Number:	03-CD-08-001		**Department:**	Street Maintenance & Construct
Total Capital Cost:	$1,250,000		**Type:**	Capital Improvement

Request description:

This project provides funding for various walking and cycling facilities and infrastructure in accord with the Herndon Pedestrian Plan, the Herndon Bicycle Network Plan and the Herndon ADA Transition Plan. These plans provide specific guidance and action items for constructing, installing, and improving sidewalks, trails and bicycle routes throughout town to ensure connected, accessible and safe multi-modal transportation system in Herndon. They will be used to help direct the sequence of project implementation and will be audited and updated annually with consultation by the Pedestrian and Bicycle Advisory Committee, the Traffic Engineering Improvement Committee and with staff from the departments of Public Works and Community Development. The types of projects to be funded range in costs though generally would not exceed $500,000. The expectation is that one or more projects are funded annually depending on the project cost.

Capital Costs	Cost To Date	FY2024	FY2025	FY2026	FY2027	FY2028	Total
Planning/Studies							$0.00
Design/Engineering	$160,000	$50,000	$50,000	$50,000	$50,000	$50,000	$250,000
Land/Right-of-way/Utilities							$0
Construction/Maintenance	$90,000	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000
Legal/Special Consultant/Other							$0
Total	$250,000	$250,000	$250,000	$250,000	$250,000	$250,000	$1,250,000

Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028	Total
General Funds	$250,000	$250,000	$250,000	$250,000	$250,000	$1,250,000
Fairfax County Funding						$0
NVTA Regional Funding						$0
VDOT SmartScale Funding						$0
VDOT Revenue Sharing Funding						$0
Federal Funding						$0
G.O. Bonds						$0
Proffers & Developer Contributions						$0
Total	$250,000	$250,000	$250,000	$250,000	$250,000	$1,250,000

Additional Information

Type of Project	Other

Central Elden Walkability Improvements

Project Number:	1	**Department:**	Community Development
Total Capital Cost:	$2,800,000	**Type:**	Capital Improvement

Request description:

This project would improve pedestrian safety, accessibility and overall walkability of the south side of Elden Street between Center Street to the east, and Main Drive to the west. The improvements will include reconstruction of approximately 0.3 miles of substandard streetscape from a 4' sidewalk abutting curb to a continuous 5' wide sidewalk with brick pavers and a landscaped strip between the sidewalk and curb. The project also adds ADA-compliant curb ramps, high visibility crosswalks, and accessible pedestrian signalization at the intersection with Grace Street. The project may include relocation of existing overhead utility poles (funded by Dominion), which are currently placed in the middle of the existing sidewalk to minimize conflicts between the poles and the sidewalk and better ensure ADA compliance. This was identified as a priority project in the Town of Herndon Pedestrian Plan, adopted by Town Council in October 2019. Project implementation is dependent on the successful allocation of Federal funds awarded through VDOT as part of the Transportation Alternatives - Set Aside Program.

Capital Costs	Cost To Date	FY2027	FY2028	Total
Planning/Studies	$25,000			$0
Design/Engineering		$300,000		$300,000
Land/Right-of-way/Utilities			$500,000	$500,000
Construction/Maintenance			$2,000,000	$2,000,000
Legal/Special Consultant/Other				$0
Total	$25,000	$300,000	$2,500,000	$2,800,000

Funding Source	FY2027	FY2028	Total
General Funds			$0
Fairfax County Funding	$300,000	$2,500,000	$2,800,000
NVTA Regional Funding			$0
VDOT SmartScale Funding			$0
VDOT Revenue Sharing Funding			$0
Federal Funding			$0
G.O. Bonds			$0
Proffers & Developer Contributions			$0
Total	$300,000	$2,500,000	$2,800,000

Additional Information

Benefit to Community

Goals

3. To design needed transportation system improvements consistent with the town's character, to include maintaining a peaceful and harmonious environment.
6. To facilitate alternative modes of transportation within the town.
7. Provide safe streets that are friendly to pedestrians and bicyclists

Objectives

6. Continue to integrate pedestrian and bicycle facilities with the street and transit network through the Trail and Sidewalk Program and other project components of the town's capital improvement program involving transportation improvements
7. Apply appropriate traffic calming techniques and improvements to enhance vehicular and pedestrian safety and to preserve neighborhood character. Develop a policy regarding speed bumps and seek creative solutions to calm traffic.

Type of Project

Resurface Current Road

Traffic Signal at Herndon Centre (former K-Mart)

Project Number:	02-ST-20-001	**Department:**	Street Maintenance & Construct
Total Capital Cost:	$1,650,000	**Type:**	Capital Improvement

Request description:

Install traffic signals to include pedestrian facilities and design in coordination with the VDOT street improvement project. The developer proffer for the redevelopment of part of the Herndon Centre property on Elden Street supports a portion of the cost. The approved Proffered Condition Amendment PCA 18-101 included within the development proffers a contribution of $165,000 from the developer for the signal. However, the proffer is contingent upon installation of the signal by FY 2025 or the proffer is reduced to $50,000. The town must coordinate the signal installation with the plans by VDOT for the East Elden Street major street improvement project.

Capital Costs	FY2025	FY2026	Total
Planning/Studies			$0
Design/Engineering	$250,000		$250,000
Land/Right-of-way/Utilities			$0
Construction/Maintenance		$1,400,000	$1,400,000
Legal/Special Consultant/Other			$0
Total	$250,000	$1,400,000	$1,650,000

Funding Source	FY2025	FY2026	Total
General Funds			$0
Fairfax County Funding			$0
NVTA Regional Funding			$0
VDOT SmartScale Funding			$0
VDOT Revenue Sharing Funding	$100,000	$1,400,000	$1,500,000
Federal Funding			$0
G.O. Bonds			$0
Proffers & Developer Contributions	$150,000		$150,000
Total	$250,000	$1,400,000	$1,650,000

Additional Information

Benefit to Community

2030 Comprehensive Plan:

1. To provide a transportation system that safely accommodates local traffic

2030 Comprehensive Plan:

2. Provide safe streets that are friendly to pedestrians and bicyclists.

Type of Project

Other

Downtown Utility Relocation

Project Number:	03-ST-11-001	**Department:**	Street Maintenance & Construct
Total Capital Cost:	$2,100,000	**Type:**	Capital Improvement

Request description:

A significant cost element of downtown redevelopment is the undergrounding/relocation of utilities. For an initial phase, the town installed underground duct bank for future relocation of overhead utilities through the Federal American Recovery and Reinvestment Act of 2009 (ARRA stimulus program). The project installed duct banks in Elden Street (from Spring/Station to east of Lynn Street) and through the intersection of Elden and Spring/Station. Duct bank installation along Spring Street, not completed with the ARRA project, was completed in 2014 prior to Phase 2 of the Downtown Streetscape project. Duct bank in Station Street from Elden to the W&OD, Elden Street from Lynn to Monroe and through the Monroe intersectionwere completed with the Streetscape II CIP project and in conjunction with the Junction Square proffers. With the completion of the duct bank, the completion of design and remaining costs to relocate the overheard utilities into the duct bank remains pending.

Capital Costs	Cost To Date	FY2027	FY2028	Total
Planning/Studies				$0
Design/Engineering	$1,015,000	$100,000		$100,000
Repairs/Improvements				$0
Construction/Maintenance			$2,000,000	$2,000,000
Equipment/Furniture/ Fixtures				$0
Legal/Special Consultant/Other				$0
Total	$1,015,000	$100,000	$2,000,000	$2,100,000

Funding Source	FY2027	FY2028	Total
General Funds			$0
G.O. Bonds	$100,000	$2,000,000	$2,100,000
Intergovernmental Aid			$0
Proffers/Developer Contributions/Other		$1	$1
ARPA			$0
Total	$100,000	$2,000,001	$2,100,001

Account Codes (Capital Costs):	
015-99-99-000-490670	$100,000
	$100,000

Additional Information

Type of Project	Other

Sterling Road Multi-Modal Improvements

Project Number:	03-CD-16-002	**Department:**	Community Development
Total Capital Cost:	$818,000	**Type:**	Capital Improvement

Request description:

This project is a study of the reconfiguration of Sterling Road, from Elden Street to Herndon Parkway, to reflect the town's current plans for traffic management and circulation in residential areas. This project is to begin with a study to include a concept design and traffic impact analysis. As part of the study, a warrant analysis will be prepared to determine the need for a signalized intersection with Crestview Drive. The study is also to include the feasibility of a bike facility between Elden Street and the town limits. The general guidance for the concept design is to convert the existing, undivided, three-lane section to a two-lane roadway with a middle lane for turning movements and, where appropriate, a landscaped median. Proposed improvements will function to enhance traffic mobility, while providing for safer pedestrian and bike accommodations. The project could be eligible for future transportation funding under the Federal roadway surface program, VDOT's revenue sharing program and state HB-2313 allocations, as well as a potential VDOT Transportation Alternatives or Smartscale project. HB-2313 local 30% funding shown are placeholder amounts based on total projected funding and other projects using that source.

Capital Costs	FY2023	FY2027	FY2028	Total
Planning/Studies	$204,000			$204,000
Design/Engineering		$114,000	$500,000	$614,000
Land/Right-of-way/Utilities				$0
Construction/Maintenance				$0
Legal/Special Consultant/Other				$0
Total	$204,000	$114,000	$500,000	$818,000

Funding Source	FY2023	FY2027	FY2028	Total
General Funds				$0
Fairfax County Funding				$0
NVTA Regional Funding	$204,000			$204,000
VDOT SmartScale Funding				$0
VDOT Revenue Sharing Funding				$0
Federal Funding		$114,000	$500,000	$614,000
G.O. Bonds				$0
Proffers & Developer Contributions				$0
Total	$204,000	$114,000	$500,000	$818,000

Additional Information

Benefit to Community

From 2035 Vision Plan and Goals

1. Develop long-range plan for multi-modal methods to move people in and around town.

2. Implement the Master Trails Plan to expand pedestrian and bicycle routes, to include he north/south bike route.

From 2030 Comprehensive Plan

3. Facilitate alternative modes of transportation in town.

4. Provide safe streets that are friendly to pedestrians and bicyclists.

5. Continue to integrate pedestrian and bicycle facilities with the street and transit network.

Type of Project

New Road

Herndon Parkway Improvement at Worldgate Extension

Project Number:	3-CD-08-002	**Department:**	Community Development
Total Capital Cost:	$7,386,000	**Type:**	Capital Improvement

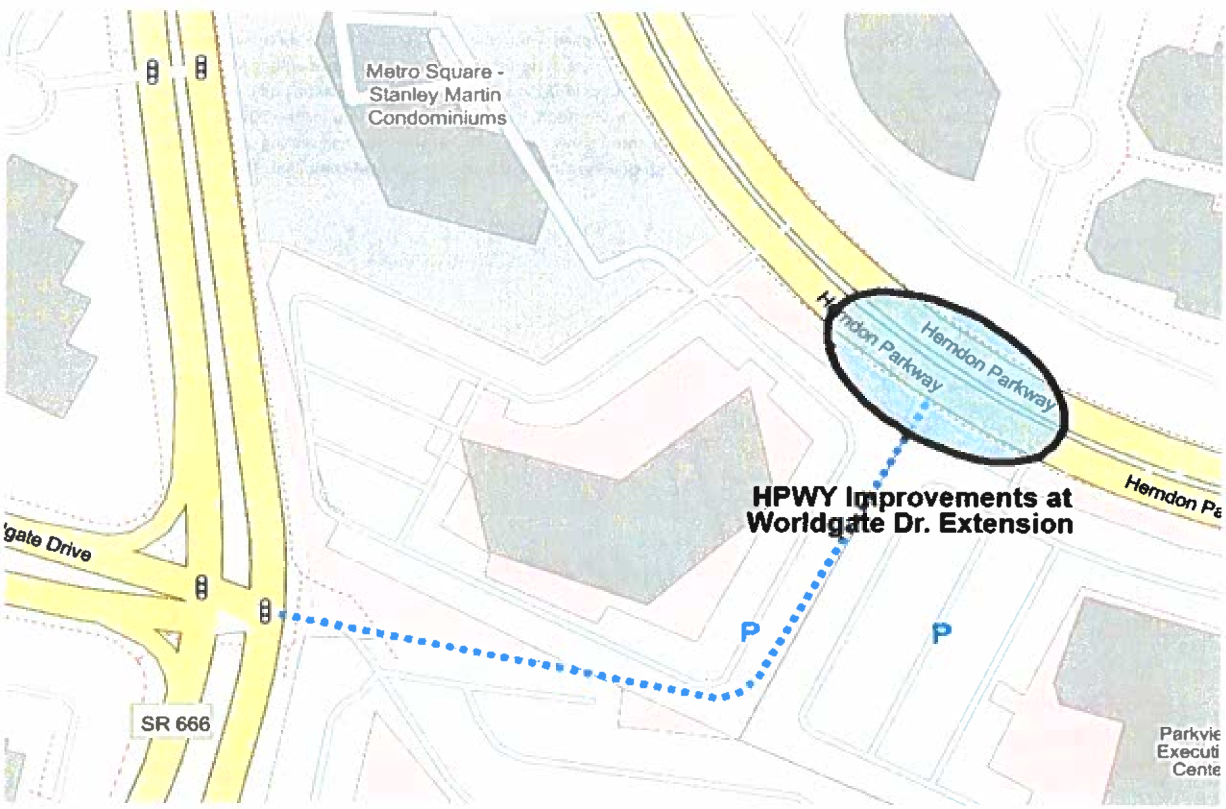
Request description:
The project is a key component of Metrorail Area Plan. The creation of this intersection will provide multimodal improvements along the Herndon Parkway and will eventually become a portion of the Worldgate Extension, connecting Van Buren Street and Worldgate Drive to the Herndon Parkway, relieving the existing Herndon Parkway/Van Buren Street intersection and addressing level of service issues within the Herndon Metro Area. to The project's scope includes new LED traffic signalization, dedicated turning lanes capacity and multimodal, and safety improvements. The adopted project design and its ADA sidewalks and cycle track improvements for the intersection extend and connect to the ADA sidewalks and cycle tracks associated with the Town's two existing capital projects now underway at the Herndon Parkway/Van Buren intersection and the bus bay drop-off/pick-up area of Herndon’s Metrorail Station.

Capital Costs	Cost To Date	FY2024	FY2025	FY2026	FY2027	FY2028	Total
Planning/Studies			$809,000	$1,857,000	$90,000		$2,756,000
Design/Engineering	$150,000	$286,000					$286,000
Land/Right-of-way/Utilities							$0
Construction/Maintenance					$3,000,000	$1,344,000	$4,344,000
Legal/Special Consultant/Other							$0
Total	$150,000	$286,000	$809,000	$1,857,000	$3,090,000	$1,344,000	$7,386,000

Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028	Total
General Funds						$0
Fairfax County Funding						$0
NVTA Regional Funding					$4,581,000	$4,581,000
VDOT SmartScale Funding						$0
VDOT Revenue Sharing Funding						$0
Federal Funding	$710,000	$385,000	$85,000	$625,000	$1,000,000	$2,805,000
G.O. Bonds						$0
Proffers & Developer Contributions						$0
Total	$710,000	$385,000	$85,000	$625,000	$5,581,000	$7,386,000

Additional Information

Type of Project New Road



Herndon Metrorail Promenade

Project Number:	03-CD-23-001	**Department:**	Community Development
Total Capital Cost:	$200,000	**Type:**	Capital Improvement
		Timeline:	05/01/2023 to 04/30/2024

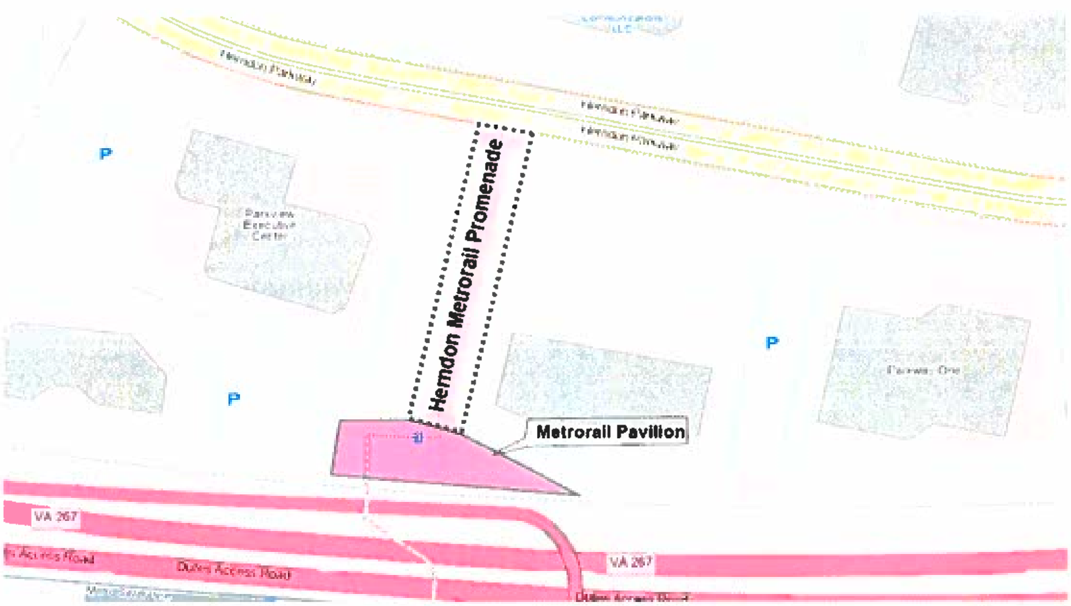
Request description:
This 60 to 70 foot wide and approximately 500-foot long gateway plaza will connect the Herndon Metrorail portal to the Herndon Parkway and serve as the public’s first introduction to the Town of Herndon. This gateway experience will be unlike all other major entrances to the Town. The existing gateways are experienced primarily by those in vehicles or using active forms of transportation. Those arriving or departing by Metrorail will experience the plaza at the pedestrian level. The quality, form, scale, and aesthetic design of the whole and its components will create a lasting impression of the Town of Herndon. Its functional capability will determine the safety and ease of those arriving and departing by fixed rail transit to the Town. Its success will be determined in part by the degree to which it addresses the needs of transit users and creates a premium experience for those living, working, and recreating in the general area. The project is included in the 2030 Comprehensive Plan and plays an important role in the eventual success of the Herndon Transit-Oriented Core. Funding is anticipated to include several sources with developer contributions playing a role.

Capital Costs	FY2025	Total
Planning/Studies		$0
Design/Engineering	$200,000	$200,000
Land/Right-of-way/Utilities		$0
Construction/Maintenance		$0
Legal/Special Consultant/Other		$0
Total	$200,000	$200,000

Funding Source	FY2025	Total
General Funds	$200,000	$200,000
Fairfax County Funding		$0
NVTA Regional Funding		$0
VDOT SmartScale Funding		$0
VDOT Revenue Sharing Funding		$0
Federal Funding		$0
G.O. Bonds		$0
Proffers & Developer Contributions		$0
Total	$200,000	$200,000

Additional Information

Benefit to Community	The Herndon Metro Promenade is a signature open space within the HTOC. Crucial to the success of the Herndon Metro Station Area, the Herndon Metro Promenade must make arrival in Herndon a unique experience among Metro stations. The Herndon Metro Promenade is located in front of the Metro Station’s North Entrance Pavilion and extends north to Herndon Parkway for Metrorail passengers visiting or departing from Herndon. It will also serve as a hub for the TOD community. This community space will feature a mix of plaza spaces and planted areas with sculptural elements and seating areas. The surface of the Herndon Metro Promenade will feature appealing, high-quality, durable pavers that are ADA compliant. The Promenade will provide a
Type of Project	Other



Herndon Parkway / Sunset Park Drive Intersection

Project Number:	03-ST-22-001	**Department:**	Community Development
Total Capital Cost:	$75,000	**Type:**	Capital Improvement

Request description:

This project is to provide for a new signalized intersection along Herndon Parkway at Sunset Park Drive to access Sunset Business Park. The project envisions a reconfigured and realigned signalized intersection to include street lighting, bike/pedestrian signalization, ADA sidewalk/curb cuts, crosswalks, median refuge islands, and cycle tracks to provide safer access and improved traffic circulation between Herndon Parkway and Sunset Business Park.

The general approach is to work within the existing right-of-way to the extent possible. Right-of-way survey, concept/engineering design, traffic analysis, and preliminary

Capital Costs	FY2023	Total
Planning/Studies	$75,000	$75,000
Design/Engineering		$0
Land/Right-of-way/Utilities		$0
Construction/Maintenance		$0
Legal/Special Consultant/Other		$0
Total	$75,000	$75,000

Funding Source	FY2023	Total
General Funds		$0
Fairfax County Funding		$0
NVTA Regional Funding	$75,000	$75,000
VDOT SmartScale Funding		$0
VDOT Revenue Sharing Funding		$0
Federal Funding		$0
G.O. Bonds		$0
Proffers & Developer Contributions		$0
Total	$75,000	$75,000

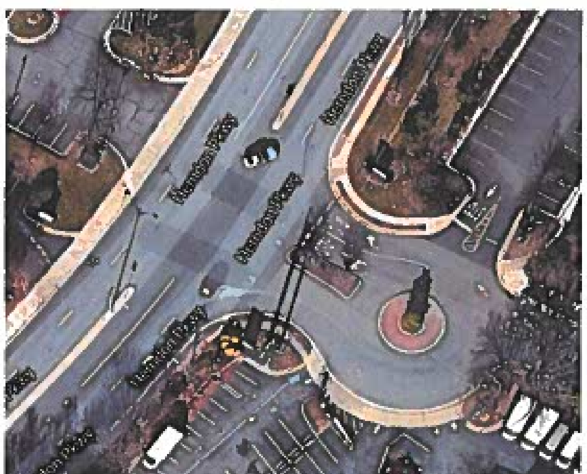
Additional Information

Benefit to Community

This project is aligned with the adopted goals and objectives set forth in the 2035 Vision Plan and 2030 Comprehensive Plan of the Town.

2035 Vision Plan and Goals:

1. Identify and evaluate opportunities to increase connectivity in the town.
2. Supports transportation improvement that accommodates local traffic.
3. Promote and guide growth and development within the town.



Wayfinding Signage

Project Number:	10-CD-16-001	**Department:**	Community Development
Total Capital Cost:	$1.00	**Type:**	Capital Improvement

Request description:

A town-wide coordinated wayfinding sign program is planned with focus on the downtown and the metro station area. This program would direct pedestrian, bicyclists, and motorists to specific transportation facilities such as the W&OD trail and Metrorail station, to civic and community buildings such as the library, Post Office, HMC, Community Center and Golf Course, and to activity centers such as downtown, HTOC, Worldgate Drive, and Elden Street. They will also offer a means of identification for those various activity centers. Funding will be required for the design, construction, and installation of these signs. The project is expected to be divided into a seperate contract for design and cost estimate, and another for construction and installation similar to the Gateway Sign process. Depending on funding availability and project costs, installation may also be phased. Following design, construction and installation costs and funding sources will be identified and programmed into the CIP. Along with wayfinding signage, this project also accounts for the replacement of existing street signs in the Historic District Overlay (HDO) with new street signs designed specifically to identify which streets are located in the historic district. These signs would have a more decorative design and may include new posts.

Capital Costs	FY2028	Total
Planning/Studies		$0.00
Design/Engineering	$1.00	$1.00
Land/Right-of-way/Utilities		$0.00
Construction/Maintenance		$0.00
Legal/Special Consultant/Other		$0.00
Total	$1.00	$1.00

Funding Source	FY2028	Total
General Funds	$1.00	$1.00
Fairfax County Funding		$0.00
NVTA Regional Funding		$0.00
VDOT SmartScale Funding		$0.00
VDOT Revenue Sharing Funding		$0.00
Federal Funding		$0.00
G.O. Bonds		$0.00
Proffers & Developer Contributions		$0.00
Total	$1.00	$1.00

Additional Information

Type of Project	Other

Center Street Culvert Safety Improvement

Project Number:	04-CD-23-002	**Department:**	Community Development		
Total Capital Cost:	$30,000	**Type:**	Capital Improvement		
		Timeline:	04/01/2022	to	03/31/2024

Request description:
This project is for the design, engineering and construction of improvements to the Center Street culvert protective barriers and fencing. This project improves pedestrian safety and enhances the aesthetics of the downtown. Located adjacent to the Center Street streetscape and abutting the Fortnightly Park to the east, this project will improve the safety of town residents and add attractiveness to the viewshed of library patrons and visitors to the Herndon Municipal Center Garage, as well as other visitors to the downtown.

Capital Costs	**FY2024**	**Total**
Planning/Studies		$0
Design/Engineering	$30,000	$30,000
Land/Right-of-way/Utilities		$0
Construction/Maintenance		$0
Legal/Special Consultant/Other		$0
Total	$30,000	$30,000

Funding Source	**FY2024**	**Total**
General Funds	$30,000	$30,000
Fairfax County Funding		$0
NVTA Regional Funding		$0
VDOT SmartScale Funding		$0
VDOT Revenue Sharing Funding		$0
Federal Funding		$0
G.O. Bonds		$0
Proffers & Developer Contributions		$0
Total	$30,000	$30,000

Additional Information

Benefit to Community	This project improves the safety of visitors and residents in the downtown. Safety is one of the vital purposes of the Town's 2030 Comprehensive Plan. It is also called the key guiding principle for present and future physical developments. This project is also aligned with the following goals and objectives of the Town's Comprehensive Plan: Provide safe rights-of-way that are friendly to pedestrians and bicyclists and apply appropriate traffic techniques and improvements to enhance vehicular and pedestrian safety and preserve neighborhood character. Furthermore, the Comprehensive Plan and Downtown Plan call for additional aesthetic
Type of Project	Other

Worldgate Drive Extension

Project Number:	03-ST-14-001	**Department:**	Street Maintenance & Construct
Total Capital Cost:	$150,000	**Type:**	Capital Improvement

Request description:

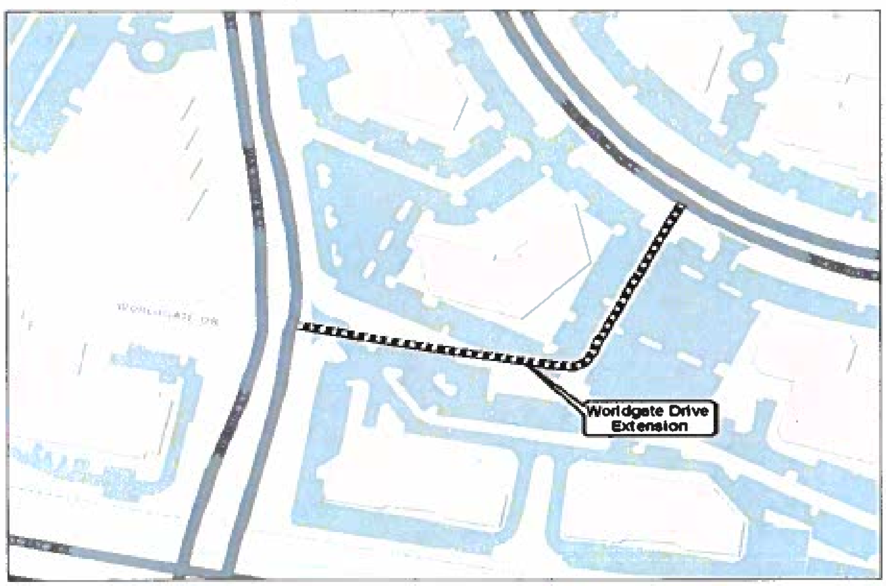
The Worldgate Drive Extension is a keystone infrastructure improvement for the Herndon Transit-Oriented Core as included in the Metrorail Station Area Plan. Per the area plan adopted as part of the town's comprehensive plan by the Town Council on February 28, 2012, Worldgate Drive will be extended from Van Buren Street to the Herndon Parkway, providing additional capacity to the street network for Metrorail redevelopment. A concept and preliminary engineering have been completed to provide private developers with cost estimates and a detailed concept for the right of way dedications. The town is anticipating private development to complete the final engineering and construction of the project through redevelopment. A previous allocation of Northern Virginia Transportation Authority HB2313 local 30% share funding covered the creation of the base engineering and concept plan.

Capital Costs	FY2023	Total
Planning/Studies	$150,000	$150,000
Design/Engineering		$0
Land/Right-of-way/Utilities		$0
Construction/Maintenance		$0
Legal/Special Consultant/Other		$0
Total	$150,000	$150,000

Funding Source	FY2023	Total
General Funds		$0
Fairfax County Funding		$0
NVTA Regional Funding	$150,000	$150,000
VDOT SmartScale Funding		$0
VDOT Revenue Sharing Funding		$0
Federal Funding		$0
G.O. Bonds		$0
Proffers & Developer Contributions		$0
Total	$150,000	$150,000

Additional Information

Type of Project: Resurface Current Road



Energy Conservation

Project Number:	9-BD-22-002	**Department:**	Public Works
Total Capital Cost:	$2,200,000	**Type:**	Capital Improvement

Request description:

This project provides for design and construction of energy conservation measures (ECMs) for Herndon's 4 major buildings, HCC/, HMC, Bldg 397, and Town Shops. The project will include ECMs such as: energy efficient lighting, building management systems, replacing inefficient equipment such as boilers with efficient models, daylight harvesting, sub-metering, new efficient variable air volume HVAC units, heat recovery, and recommissioning HVAC controls. The project could also include installation of photo-voltaics if feasible, utilizing a state grant program to fund 40% of the cost. Using alternative financing, the town would enter into a long term service contract with an energy service provider. Service provider's investment paid annually from guaranteed energy savings.

Capital Costs	**FY2024**	**Total**
Planning/Studies		$0
Design/Engineering		$0
Repairs/Improvements		$0
Construction/Maintenance	$2,200,000	$2,200,000
Equipment/Furniture/ Fixtures		$0
Legal/Special Consultant/Other		$0
Total	$2,200,000	$2,200,000

Funding Source	**FY2024**	**Total**
General Funds		$0
G.O. Bonds		$0
Intergovernmental Aid		$0
Proffers/Developer Contributions/Other	$2,200,000	$2,200,000
ARPA		$0
Total	$2,200,000	$2,200,000

Additional Information

Type of Project	Refurbishment

Town-wide Security Improvements

Project Number:	21-BD-21-001	**Department:**	Capital Projects
Total Capital Cost:	$1,336,473	**Type:**	Capital Improvement

Request description:
The initial most critical town building security improvements or upgrades as identified by the security consultant.

Herndon Municipal Center - $415,000

Town Hall - $190,000

Herndon Community Center - $110,000

Public Works (Shop) - $245,000

Public Works (1481 Sterling Road) - $25,000

Herndon Police Department - $165,000

TOTAL - $1,150,000

Capital Costs	FY2023	FY2025	FY2026	Total
Planning/Studies				$0
Design/Engineering	$100,000			$100,000
Repairs/Improvements				$0
Construction/Maintenance	$286,473	$300,000	$300,000	$886,473
Equipment/Furniture/ Fixtures	$350,000			$350,000
Legal/Special Consultant/Other				$0
Total	$736,473	$300,000	$300,000	$1,336,473

Funding Source	FY2023	FY2025	FY2026	Total
General Funds		$300,000	$300,000	$600,000
G.O. Bonds				$0
Intergovernmental Aid				$0
Proffers/Developer Contributions/Other				$0
ARPA	$736,473			$736,473
Total	$736,473	$300,000	$300,000	$1,336,473

Additional Information

Type of Project New Construction

1481 Sterling Road's Future Determination

Project Number: 9-BD-22-001
Total Capital Cost: $50,000

Department: Public Works
Type: Capital Improvement

Request description:
This project provides for the study, surveying and engineering for the demolition of the building located at 1481 Sterling Road.

Capital Costs	FY2024	Total
Planning/Studies		$0
Design/Engineering	$50,000	$50,000
Repairs/Improvements		$0
Construction/Maintenance		$0
Equipment/Furniture/ Fixtures		$0
Legal/Special Consultant/Other		$0
Total	$50,000	$50,000

Funding Source	FY2024	Total
General Funds	$50,000	$50,000
G.O. Bonds		$0
Intergovernmental Aid		$0
Proffers/Developer Contributions/Other		$0
ARPA		$0
Total	$50,000	$50,000

Additional Information

Type of Project: Refurbishment

Town Shop Underground Fuel Storage Tank Replacement

Project Number:	9-BD-22-003	**Department:**	Public Works
Total Capital Cost:	$1,000,000	**Type:**	Capital Improvement

Request description:
This project provides for replacement of two 10,000 gallon underground fuel tanks located at the Town Shop facility at 1479 Sterling Road. These tanks were installed when the Town Shop facility was constructed and are nearing the end of their service lifespan. The tanks are used to fuel all town vehicles. A study is scheduled to be performed in FY2022 to identify any environmental concerns associated with the tank replacements and to provide additional budget

Capital Costs	FY2023	Total
Planning/Studies		$0
Design/Engineering		$0
Repairs/Improvements		$0
Construction/Maintenance	$1,000,000	$1,000,000
Equipment/Furniture/ Fixtures		$0
Legal/Special Consultant/Other		$0
Total	$1,000,000	$1,000,000

Funding Source	FY2023	Total
General Funds		$0
G.O. Bonds		$0
Intergovernmental Aid		$0
Proffers/Developer Contributions/Other		$0
ARPA	$1,000,000	$1,000,000
Total	$1,000,000	$1,000,000

Additional Information

Type of Project: Replacement

Herndon Municipal Center/Chambers Backlog

Project Number:	11-PR-15-002	**Department:**	Capital Projects
Total Capital Cost:	$3,094,738	**Type:**	Capital Improvement

Request description:

This project supports large maintenance and repair projects for town-owned facilities. Planned projects are listed below for the next several fiscal years. Out-year project funding amounts are estimated costs for a building maintenance and repair program that will include HVAC replacements, roof replacements and other refurbishment of town facilities. The projects include, but not limited to, drainage issues around the complex, 1st floor buildout addressing overcrowding, safety and Covid spacing, and HVAC system.

Capital Costs	Cost To Date	FY2023	FY2024	FY2025	FY2026	FY2027	Beyond FY2027	Total
Planning/Studies								$0
Design/Engineering	$20,262	$104,738		$125,000	$50,000	$160,000		$439,738
Repairs/Improvements								$0
Construction/Maintenance		$125,000	$1,000,000		$750,000		$780,000	$2,655,000
Equipment/Furniture/ Fixtures								$0
Legal/Special Consultant/Other								$0
Total	$20,262	$229,738	$1,000,000	$125,000	$800,000	$160,000	$780,000	$3,094,738

Funding Source	FY2023	FY2024	FY2025	FY2026	FY2027	Beyond FY2027	Total
General Funds			$125,000	$800,000	$160,000	$780,000	$1,865,000
G.O. Bonds							$0
Intergovernmental Aid							$0
Proffers/Developer Contributions/Other							$0
ARPA	$229,738	$1,000,000					$1,229,738
Total	$229,738	$1,000,000	$125,000	$800,000	$160,000	$780,000	$3,094,738

Additional Information

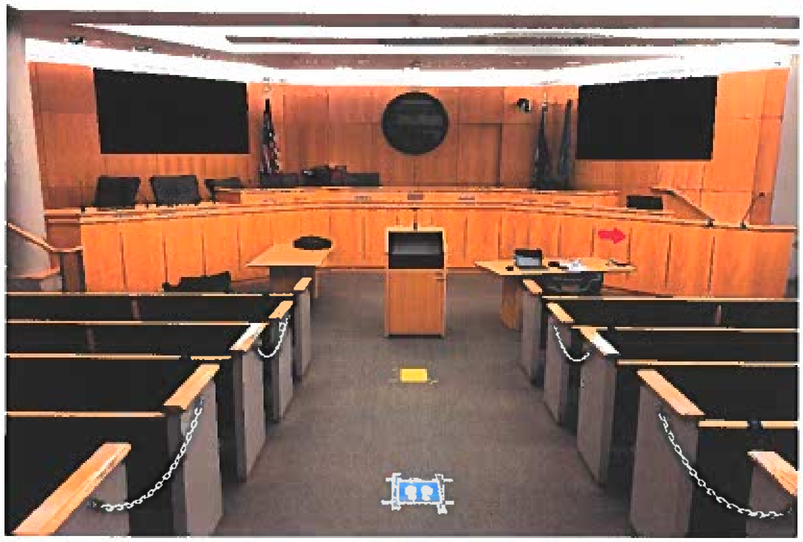
Type of Project — Refurbishment

Council Chambers Retrofit

Project Number:	16-IT-23-001	**Department:**	Information Technology
Total Capital Cost:	$200,000	**Type:**	Capital Improvement
		Timeline:	6/1/2023 to 9/1/2023

Request description:
Council chambers is designed to support in-room audiovisual presentations as well as recording of general council meeting sessions. Sessions require the display of computer, video, and other related electronic media materials on a projection screen. One screen will be located on the wall behind the council dais and the other screens are located around the chambers to provide audience viewing. Two high definition monitor of at least 4500 lumens and 86" will be stationed on each side of the dais.

An AV router is used to allow any input to be sent to display monitors. This router is to be mounted in an equipment rack with other source equipment and the rack is residing in an adjoining storage room. An AV system controller is installed in the equipment rack .Audiovisual user interfaces are provided at locations throughout the room to accommodate input from computer or portable audiovisual equipment to the video system. A program audio system and voice reinforcement system are provided utilizing flush ceiling-mounted speakers. There will be wireless microphones for the council members and staff as well as one additional wireless handheld microphones for the audience .For overflow an adjoining lobby area has flush ceiling mounted speakers.



Capital Costs	FY2024	Total
Planning/Studies		$0
Design/Engineering		$0
Repairs/Improvements	$200,000	$200,000
Construction/Maintenance		$0
Equipment/Furniture/ Fixtures		$0
Legal/Special Consultant/Other		$0
Total	$200,000	$200,000

Funding Source	FY2024	Total
General Funds	$200,000	$200,000
G.O. Bonds		$0
Intergovernmental Aid		$0
Proffers/Developer Contributions/Other		$0
ARPA		$0
Total	$200,000	$200,000

Additional Information

Type of Project Replacement

Police Parking Lot Expansion

Project Number: 09-PO-22-001
Total Capital Cost: $481,464

Department: Police
Type: Capital Improvement

Request description:

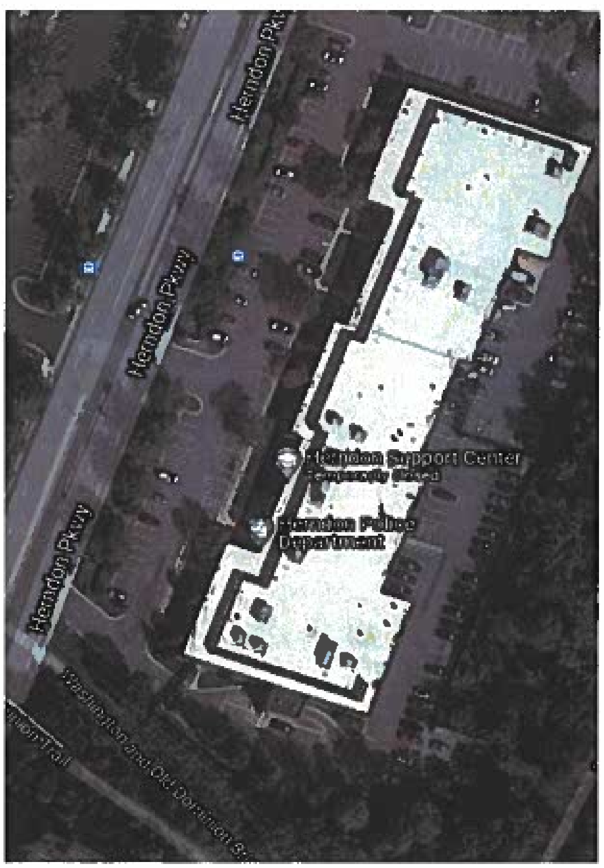
The police department facility at 397 Herndon Parkway has limited secure parking spaces available for employees and police vehicles and equipment. This project involves reconfiguration and expansion of the existing parking lot and installation of new fencing and gates to provide additional secure parking spaces for the facility. A site plan for design of this work is in progress."

Capital Costs	Cost To Date	FY2023	Total
Planning/Studies			$0
Design/Engineering	$18,536		$0
Repairs/Improvements			$0
Construction/Maintenance		$481,464	$481,464
Equipment/Furniture/ Fixtures			$0
Legal/Special Consultant/Other			$0
Total	$18,536	$481,464	$481,464

Funding Source	FY2023	Total
General Funds		$0
G.O. Bonds		$0
Intergovernmental Aid		$0
Proffers/Developer Contributions/Other		$0
ARPA	$481,464	$481,464
Total	$481,464	$481,464

Additional Information

Type of Project: New Construction



Police Exterior Garage

Project Number:	09-PO-20-001	**Department:**	Police
Total Capital Cost:	$1,060,000	**Type:**	Capital Improvement

Request description:
Construction of a permanent exterior garage facility (30'x 40') is needed to expand storage capacity for police bicycles, bulky emergency readiness equipment and supplies, adverse weather equipment and other agency property where space is not available nor suitable for storage inside the police facility. The gagrage will also support an area to perform technology maintenance associated with police vehicles and equipment. Adding an exterior garage will alleviate haphazard storage of bulky operational equipment inside and around the police facility and provide defined workspace to properly access, maintain, utilize and store the property and equipment.

Capital Costs	FY2025	FY2027	Total
Planning/Studies			$0
Design/Engineering	$60,000		$60,000
Repairs/Improvements			$0
Construction/Maintenance		$1,000,000	$1,000,000
Equipment/Furniture/ Fixtures			$0
Legal/Special Consultant/Other			$0
Total	$60,000	$1,000,000	$1,060,000

Funding Source	FY2025	FY2027	Total
General Funds	$60,000	$1,000,000	$1,060,000
G.O. Bonds			$0
Intergovernmental Aid			$0
Proffers/Developer Contributions/Other			$0
ARPA			$0
Total	$60,000	$1,000,000	$1,060,000

Additional Information

Type of Project New Construction

Police Records Management System

Project Number:	09-PO-23-001	**Department:**	Police
Total Capital Cost:	$225,000	**Type:**	Capital Improvement

Request description:
The police department's current computer aided dispatch and records management system (CAD/RMS) needs to be updated to a fully supported system that is flexible to changing data mandates and technological standards. The current vendor is moving away from our outmoded product line and focusing on a more efficient and better supported CAD/RMS product. A CAD/RMS system change will require the purchase of a new system with vendor support, data migration to decommission the old system and operationally integrating into the new system, with continuing maintenance.

Capital Costs	FY2024	Total
Planning/Studies		$0
Design/Engineering		$0
Repairs/Improvements		$0
Construction/Maintenance		$0
Equipment/Furniture/ Fixtures	$225,000	$225,000
Legal/Special Consultant/Other		$0
Total	$225,000	$225,000

Funding Source	FY2024	Total
General Funds	$225,000	$225,000
G.O. Bonds		$0
Intergovernmental Aid		$0
Proffers/Developer Contributions/Other		$0
ARPA		$0
Total	$225,000	$225,000

Additional Information

Type of Project	New Construction

Network infrastructure end of life equipment replacement

Project Number:	16-IT-23-002	**Department:**	Information Technology
Total Capital Cost:	$280,000	**Type:**	Capital Improvement
		Timeline:	09/01/2022 to 04/10/2025

Request description:
Network infrastructure end of life equipment replacement.

Town of Herndon is seeking to upgrade the aging network switching infrastructure to the latest stable release hosted on new hardware and preserve the existing system configuration. With the ever-increasing needs of network infrastructure, we are planning to increase reliability, performance, security, expansion, and flexibility. Many

Capital Costs	FY2023	FY2024	FY2025	FY2026	Total
Planning/Studies					$0
Design/Engineering	$65,000	$80,000	$10,000	$65,000	$220,000
Repairs/Improvements	$20,000	$20,000	$10,000	$10,000	$60,000
Construction/Maintenance					$0
Furniture and Fixtures					$0
Legal/Special Consultant/Other					$0
Total	$85,000	$100,000	$20,000	$75,000	$280,000

Funding Source	FY2023	FY2024	FY2025	FY2026	Total
General Funds	$51,000	$100,000	$20,000	$75,000	$246,000
G.O. Bonds					$0
Intergovernmental Aid					$0
ARPA	$34,000				$34,000
Total	$85,000	$100,000	$20,000	$75,000	$280,000

Additional Information

Type of Project: Replacement

HMC Fire Alarm System

Project Number: 1

Total Capital Cost: $1,620,650

Department: Building Maintenance

Type: Capital Improvement

Request description:

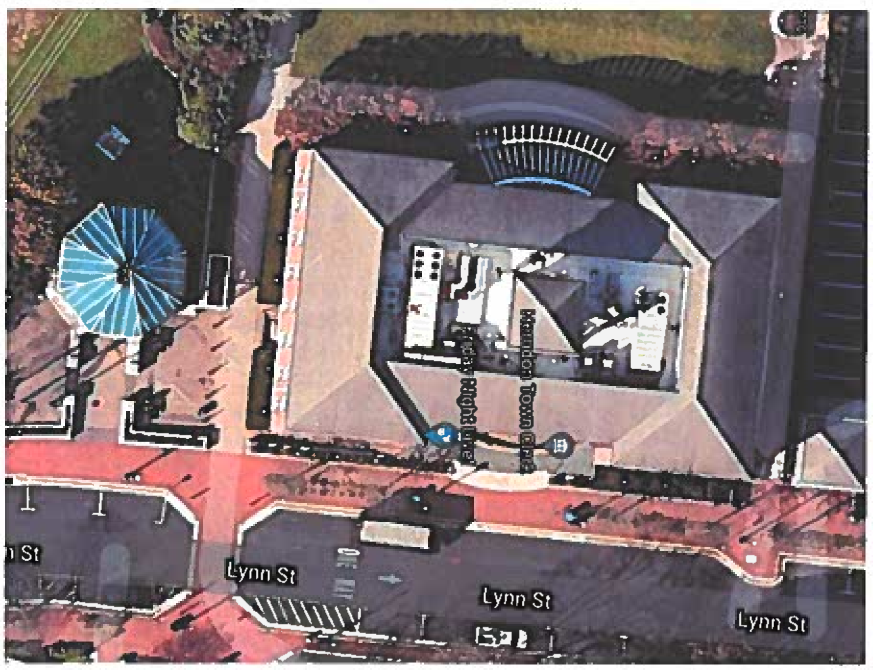
The HMC fire alarm system needs to be replaced per the Fire Marshall's directive. A temporary fire alert panel has been installed to provide the necessary time to design a new system and install to meet the new code.

Capital Costs	FY2024	FY2025	Total
Planning/Studies			$0
Design/Engineering	$130,650		$130,650
Repairs/Improvements			$0
Construction/Maintenance		$1,490,000	$1,490,000
Equipment/Furniture/ Fixtures			$0
Legal/Special Consultant/Other			$0
Total	$130,650	$1,490,000	$1,620,650

Funding Source	FY2024	FY2025	Total
General Funds			$0
G.O. Bonds			$0
Intergovernmental Aid			$0
Proffers/Developer Contributions/Other			$0
ARPA	$130,650	$1,490,000	$1,620,650
Total	$130,650	$1,490,000	$1,620,650

Additional Information

Type of Project: Replacement



Storm Drainage Improvements

Project Number:	05-SM-96-001	**Department:**	Public Works
Total Capital Cost:	$2,400,000	**Type:**	Capital Improvement

Request description:

This CIP program addresses local area drainage problems. This program may also fund drainage elements of town projects. A portion of the Fairfax County Stormwater Tax Revenues will be assigned to this program each year. Existing Stormwater BMP facilities are being surveyed and studied. (BMP=Best Management Practice which is a common term relating to facilities that capture, store and cleanse stormwater thus reducing quantity of load into streams while improving the quality of the water and reducing sediments.)

Capital Costs	Cost To Date	FY2023	FY2024	FY2025	FY2026	FY2027	Beyond FY2027	Total
Planning/Studies	$200,000							$0
Design/Engineering		$150,000			$50,000			$200,000
Repairs/Improvements								$0
Construction/Maintenance		$500,000	$500,000	$300,000	$300,000	$300,000	$300,000	$2,200,000
Furniture and Fixtures								$0
Legal/Special Consultant/Other								$0
Total	$200,000	$650,000	$500,000	$300,000	$350,000	$300,000	$300,000	$2,400,000

Funding Source	FY2023	FY2024	FY2025	FY2026	FY2027	Beyond FY2027	Total
General Funds							$0
G.O. Bonds							$0
Intergovernmental Aid							$0
Fairfax County Stormwater Tax Revenue	$900,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,400,000
Total	$900,000	$300,000	$300,000	$300,000	$300,000	$300,000	$2,400,000

Additional Information

Type of Project	Refurbishment

Stream Restoration

Project Number:	5-SM-18-002	**Department:**	Public Works
Total Capital Cost:	$1,000,000	**Type:**	Capital Improvement

Request description:
These projects are designed to address the quality of the town's stream banks and stream valley conditions. This project addresses a regional mandate to improve the Chesapeake Bay with reduction to the Total Maximum Daily Load of nutrients. TMDL targets have been set for the jurisdictions by Virginia DEQ. Urbanization and storm water have contributed to erosion and damage to the stream areas. These projects will use Fairfax County stormwater tax funding and possible grant funding to implement the projects. Stream restoration areas are identified as:

Sugarland Run (behind Herndon Police Department) - Design FY21-22, Construct FY23

Sugarland Run (south of Elden Street) - Construct - beyond

Capital Costs	Cost To Date	FY2023	Total
Planning/Studies			$0
Design/Engineering	$400,000		$0
Repairs/Improvements			$0
Construction/Maintenance		$1,000,000	$1,000,000
Furniture and Fixtures			$0
Legal/Special Consultant/Other			$0
Total	$400,000	$1,000,000	$1,000,000

Funding Source	FY2023	Total
General Funds		$0
G.O. Bonds		$0
Intergovernmental Aid		$0
Fairfax County Stormwater Tax Revenue	$1,000,000	$1,000,000
Total	$1,000,000	$1,000,000

Additional Information

Type of Project: Refurbishment

Sports Field and Park Improvements

Project Number:	11-PR-90-003	**Department:**	Parks & Recreation
Total Capital Cost:	$1,523,000	**Type:**	Capital Improvement

Request description:

FY23: The tennis court lights in Bready Park are nearing their end of life value. The poles were originally installed in the 1980's and the light fixtures were updated in 1999. Replacement with LED fixtures and new poles will enhance efficiency and output significantly. This estimate includes pre-cast concrete bases, galvanized steel poles, remote electrical component enclosures, pole-length wire harnesses and factory-aimed and assembled luminaries, plus estimated installation costs. It does not include the cost of a new electrical transformer. It assumes standard soil conditions. Pricing is 2021 estimate.

FY24: The expected increase in use of Bready Park and the Community Center warrants the expansion of the parking lot by adding 30 spaces between Ferndale Ave. and the tennis courts. This section would be connected to both the softball drive and the community center drive to improve traffic flow, estimated at 2019 costs

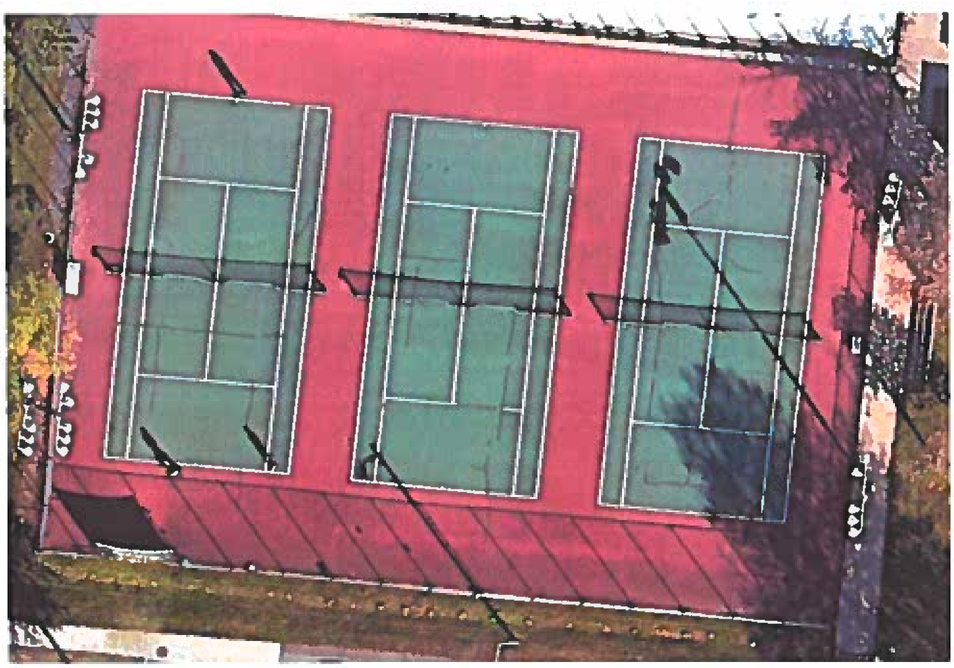
FY27: Haley Smith Park is located on the east side of Van Buren Street, north of Herndon Parkway. This proposal is to replace the Haley Smith natural turf with synthetic grass to increase playability and help offset the need for rectangular fields following the redevelopment of the Herndon Transit-Oriented Core (HTOC). The project cost is based on a 2020 estimate and a 3% annual escalation. Operating costs include purchasing a grooming machine and the appropriate goals, corner flags, etc. at $10-20,000, plus an equipment storage shed. This project includes the necessary irrigation and storm sewer modifications, as well as adding lights to the field, which is estimated at $282,000 in prices. Funding is proposed to come from HTOC proffers including 555 Herndon Parkway approved proffer. Increasing use will also increase demand for parking.

Capital Costs	FY2024	FY2026	FY2027	Total
Planning/Studies				$0
Design/Engineering		$75,000		$75,000
Repairs/Improvements				$0
Construction/Maintenance	$248,000		$1,160,000	$1,408,000
Furniture and Fixtures			$40,000	$40,000
Legal/Special Consultant/Other				$0
Total	$248,000	$75,000	$1,200,000	$1,523,000

Funding Source	FY2024	FY2026	FY2027	Total
General Funds		$75,000		$75,000
G.O. Bonds				$0
Intergovernmental Aid				$0
Recreation Cash Proffers			$1,100,000	$1,100,000
Sports Contributions/Grants			$100,000	$100,000
ARPA	$248,000			$248,000
Total	$248,000	$75,000	$1,200,000	$1,523,000

Additional Information

Type of Project	Refurbishment



Bready Park Tennis Court Renovation

Project Number:	11-PR-07-001	**Department:**	Parks & Recreation
Total Capital Cost:	$881,130	**Type:**	Capital Improvement

Request description:

The project replaces the inner membrane of the air structure as well as the lighting system (including conversion to LED's for improved efficiency and longevity, thus meeting our sustainability objectives), mechanical system and other identified repairs. Pricing is based on 2021 estimates. The air structure is over 20 years old, and has exceeded its expected lifespan by more than five years. The tennis center is a revenue positive operation, netting over $415,000 through FY 2018.

Temporary patches were made by DPW in 2020 to expansive cracks in three courts as a stop gap when the contract for the resurfacing was frozen during the pandemic.

Capital Costs	Cost To Date	FY2023	FY2024	Total
Planning/Studies				$0
Design/Engineering	$92,870			$0
Repairs/Improvements		$65,000		$65,000
Construction/Maintenance			$816,130	$816,130
Furniture and Fixtures				$0
Legal/Special Consultant/Other				$0
Total	$92,870	$65,000	$816,130	$881,130

Funding Source	FY2023	FY2024	Total
General Funds		$125,000	$125,000
G.O. Bonds			$0
Intergovernmental Aid			$0
Recreation Cash Proffers			$0
Sports Contributions/Grants			$0
ARPA	$65,000	$691,130	$756,130
Total	$65,000	$816,130	$881,130

Additional Information

Type of Project	Refurbishment

Herndon Community Center -Aquatics - Pool Pak Replacement

Project Number:	11-PR-22-001	**Department:**	Parks & Recreation
Total Capital Cost:	$2,598,487	**Type:**	Capital Improvement

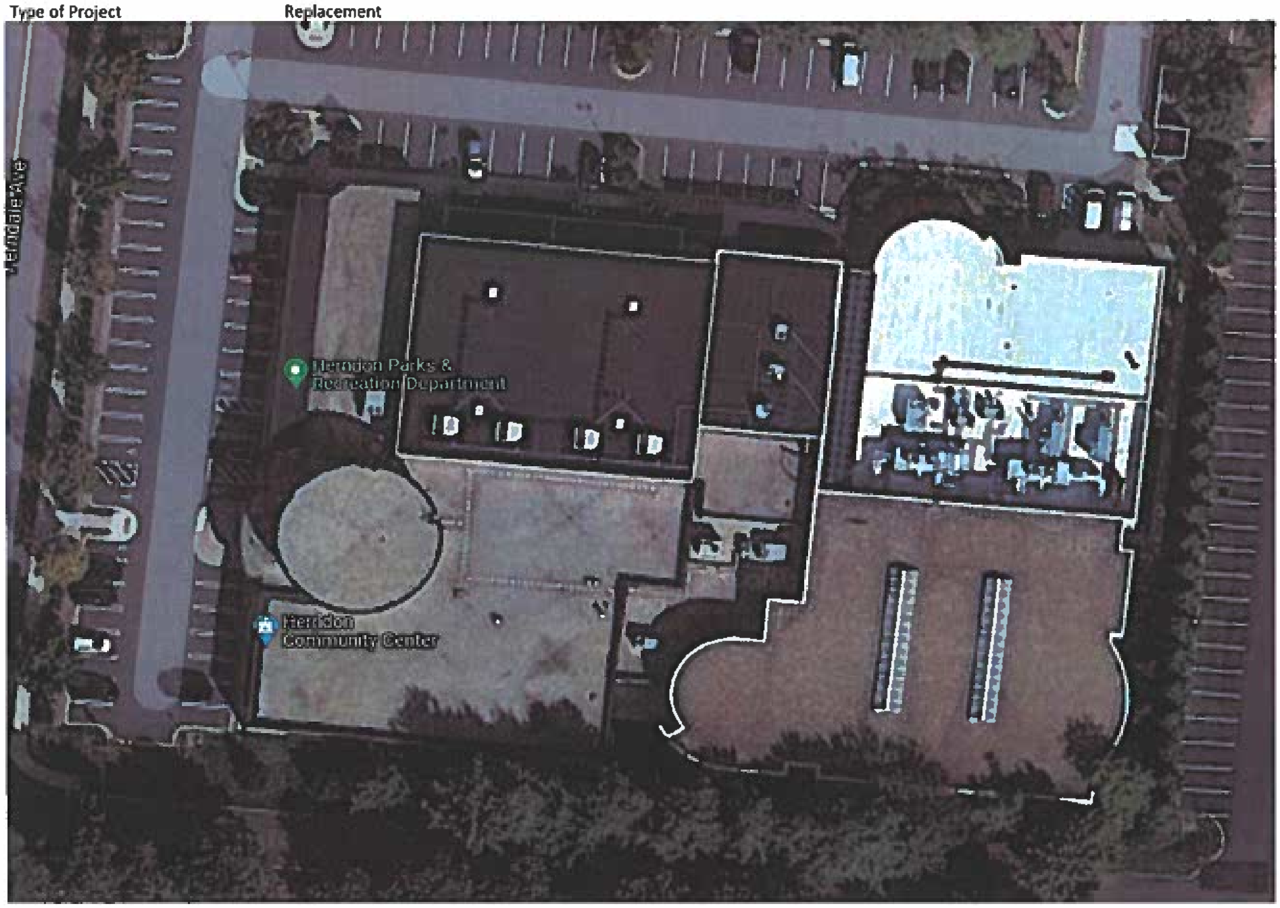
Request description:
Project provides for replacement of the dual Pool Pak dehumidification and heating units and two gas fired boilers serving the natatorium. Both the Pool Paks and boilers are reaching the end of their life cycles and have required significant repairs in recent years. Replacement includes upgrades from pneumatic to Direct Digital Controls (DDC) plus removal of the old units, curbing, piping, and contingency. Replacements will provide energy efficiency improvements for the facility.

Capital Costs	FY2023	FY2024	Total
Planning/Studies			$0
Design/Engineering			$0
Repairs/Improvements			$0
Construction/Maintenance	$375,775	$2,222,712	$2,598,487
Furniture and Fixtures			$0
Legal/Special Consultant/Other			$0
Total	$375,775	$2,222,712	$2,598,487

Funding Source	FY2023	FY2024	Total
General Funds			$0
G.O. Bonds			$0
Intergovernmental Aid			$0
Recreation Cash Proffers			$0
Sports Contributions/Grants			$0
ARPA	$375,775	$2,222,712	$2,598,487
Total	$375,775	$2,222,712	$2,598,487

Additional Information

Type of Project Replacement



Park Equipment Replacement Program

Project Number:	11-PR-07-003	**Department:**	Parks & Recreation
Total Capital Cost:	$540,000	**Type:**	Capital Improvement

Request description:
This project accounts for any playground replacement or significant improvements in Town parks.

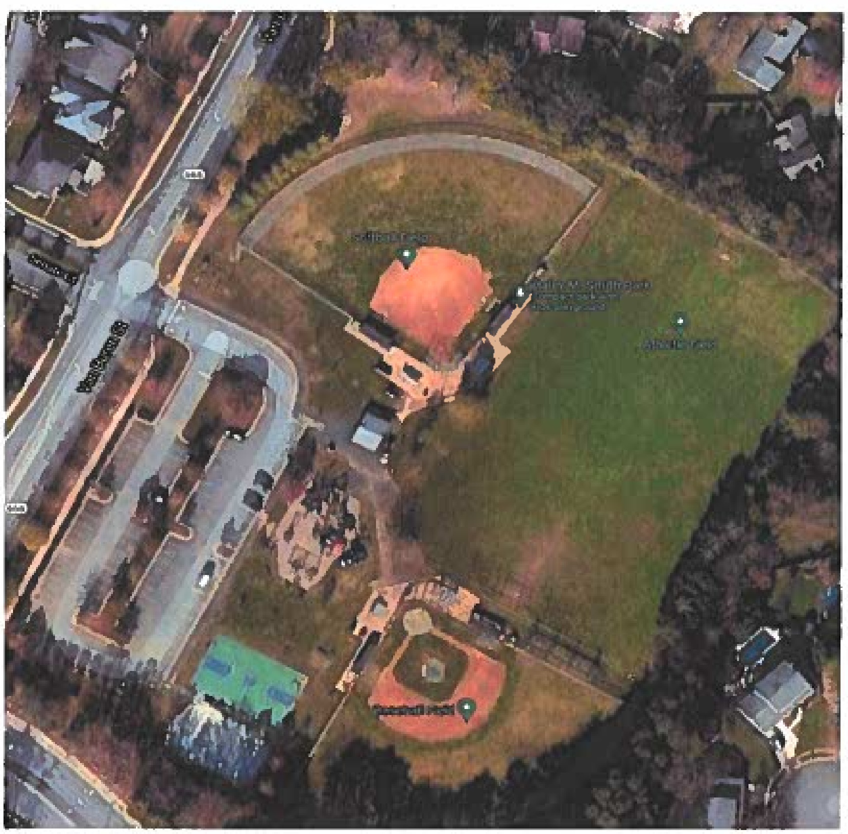
With the loss of a large, mature shade tree at Haley Smith Park several years ago, the picnic experience needs enhancement with the installation of a pavilion. The proposed 24' x 36' shelter would be made available for fee-based rentals and walk-up use. Kit costs ($50,000) and installation (including minor site grading, concrete footings, gravel subbase, concrete slab, shelter erection, provision and installation of shingle roof, and wood stain) approximately $75,000, plus an ADA route to the shelter is needed. Once complete, one hour per week of cleaning would be required during the rental season.

Capital Costs	FY2023	FY2028	Total
Planning/Studies			$0
Design/Engineering			$0
Repairs/Improvements			$0
Construction/Maintenance	$105,000		$105,000
Furniture and Fixtures		$435,000	$435,000
Legal/Special Consultant/Other			$0
Total	$105,000	$435,000	$540,000

Funding Source	FY2023	FY2028	Total
General Funds		$435,000	$435,000
G.O. Bonds			$0
Intergovernmental Aid			$0
Recreation Cash Proffers			$0
Sports Contributions/Grants			$0
ARPA	$105,000		$105,000
Total	$105,000	$435,000	$540,000

Additional Information

Type of Project Replacement



Town Hall Square, Depot, Caboose Improvements

Project Number: 11-PR-15-002
Total Capital Cost: $50,000
Department: Parks & Recreation
Type: Capital Improvement

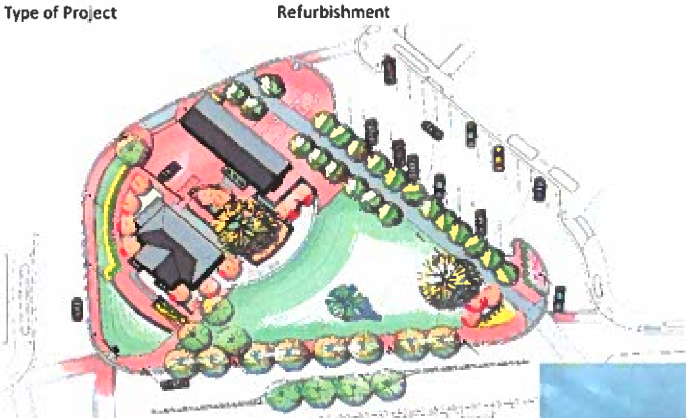
Request description:
Enhancements to the town green area near the Old Town Hall at Elden, Station and Lynn Streets. Improvements to enhance the use of the Town Hall Square include replacement of the existing parking area between the Depot and the Town Hall with an additional gathering space, various seating options, and one or more activity options. The project will also create a space for temporary interactive art installations and possibly a space for a permanent art installation. Existing spaces such as the Depot stage and lawn/audience areas to be preserved with potential upgrades to landscaping and surface treatments. The caboose needs repairs beyond normal maintenance to preserve this landmark.

Capital Costs	FY2026	Total
Planning/Studies		$0
Design/Engineering		$0
Repairs/Improvements	$50,000	$50,000
Construction/Maintenance		$0
Equipment/Furniture/ Fixtures		$0
Legal/Special Consultant/Other		$0
Total	$50,000	$50,000

Funding Source	FY2026	Total
General Funds	$50,000	$50,000
G.O. Bonds		$0
Intergovernmental Aid		$0
Proffers/Developer Contributions/Other		$0
ARPA		$0
Total	$50,000	$50,000

Additional Information

Type of Project Refurbishment



W&OD Trail Lighting

Project Number:	11-PR-06-001	**Department:**	Parks & Recreation
Total Capital Cost:	$1.00	**Type:**	Capital Improvement

Request description:
Final phase to illuminate the length of the trail through the town, from Van Buren to the connection with the Sugarland Run Trail, east of the Herndon Parkway bridge, totaling approximately 3,800 linear feet. Costs are estimated from Phase 2 (completed January 2019) at $137 per foot based on pole spacing every 100 feet, escalated to FY24 or $168 per linear foot. This section has not yet been designed.

Capital Costs	FY2028	Total
Planning/Studies		$0.00
Design/Engineering	$1.00	$1.00
Repairs/Improvements		$0.00
Construction/Maintenance		$0.00
Furniture and Fixtures		$0.00
Legal/Special Consultant/Other		$0.00
Total	$1.00	$1.00

Funding Source	FY2028	Total
General Funds	$1.00	$1.00
G.O. Bonds		$0.00
Intergovernmental Aid		$0.00
Recreation Cash Proffers		$0.00
Sports Contributions/Grants		$0.00
ARPA		$0.00
Total	$1.00	$1.00

Additional Information

Type of Project	New Construction

Herndon Community Center - Phase 5

Project Number:	09-BD-08-003	**Department:**	Parks & Recreation
Total Capital Cost:	$1.00	**Type:**	Capital Improvement

Request description:

The phase five expansion project is proposed as an under 10,000 square foot second story addition to the Herndon Community Center. This expansion will enhance the quality of existing operations by improving the fitness and instructional areas and multi-purpose space. The project also includes improvements to the locker room areas. It will reconfigure the entrance and address HVAC shortcomings in the lobby. Project planning includes improvements to the parking lot. The previous expansion included foundation support, locations for stairwells, elevators and floor structures.

Capital Costs	FY2028	Total
Planning/Studies		$0.00
Design/Engineering	$1.00	$1.00
Repairs/Improvements		$0.00
Construction/Maintenance		$0.00
Furniture and Fixtures		$0.00
Legal/Special Consultant/Other		$0.00
Total	$1.00	$1.00

Funding Source	FY2028	Total
General Funds		$0.00
G.O. Bonds	$1.00	$1.00
Intergovernmental Aid		$0.00
Recreation Cash Proffers		$0.00
Sports Contributions/Grants		$0.00
ARPA		$0.00
Total	$1.00	$1.00

Additional Information

Type of Project: Refurbishment

Trailside Skate Park Expansion

Project Number:	11-PR-13-001	**Department:**	Parks & Recreation
Total Capital Cost:	$1.00	**Type:**	Capital Improvement

Request description:
The skate park at Trailside was completed in September 2010. The current 4,200 square foot park could be enhanced with an additional 5,000 square foot area that would allow for separation of beginner skaters and instructional programs and include updating street components adjacent to the existing skate areas. Further enhancements may include spectator areas, benches and access pathways. Work would include repairs to worn areas, rails and concrete in the existing park.

Capital Costs	FY2028	Total
Planning/Studies		$0.00
Design/Engineering	$1.00	$1.00
Repairs/Improvements		$0.00
Construction/Maintenance		$0.00
Furniture and Fixtures		$0.00
Legal/Special Consultant/Other		$0.00
Total	$1.00	$1.00

Funding Source	Total
General Funds	
G.O. Bonds	
Intergovernmental Aid	
Recreation Cash Proffers	
Sports Contributions/Grants	
ARPA	
Total	

Additional Information

Type of Project: Refurbishment

Runnymede Park Nature Center

Project Number:	11-PR-15-001	**Department:**	Parks & Recreation
Total Capital Cost:	$1.00	**Type:**	Capital Improvement

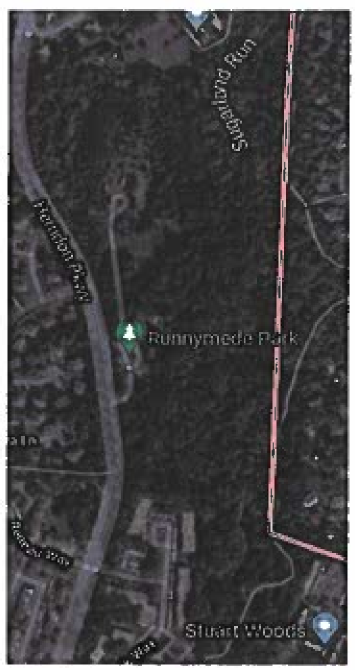
Request description:
A 4,000 square foot Nature Center at Runnymede Park with spaces for free and low-cost nature education activities, to include exhibits and equipment. The 16-year-old proposed design warrants a feasibility study and required code review to determine necessary changes. Once assessed, new cost estimates for design and construction can be developed, programming and indoor exhibits updated and a staffing plan developed. The study should investigate and develop options for showcasing the history of the Carroll Cabin.

Capital Costs	FY2028	Total
Planning/Studies		$0.00
Design/Engineering	$1.00	$1.00
Repairs/Improvements		$0.00
Construction/Maintenance		$0.00
Furniture and Fixtures		$0.00
Legal/Special Consultant/Other		$0.00
Total	$1.00	$1.00

Funding Source	FY2028	Total
General Funds	$1.00	$1.00
G.O. Bonds		$0.00
Intergovernmental Aid		$0.00
Recreation Cash Proffers		$0.00
Sports Contributions/Grants		$0.00
ARPA		$0.00
Total	$1.00	$1.00

Additional Information

Type of Project: New Construction



Aquatic Office Conversions

Project Number: 2
Total Capital Cost: $100,000

Department: Parks & Recreation
Type: Capital Improvement

Request description:
Aquatics office space reconfiguration. Separates three full time staff from one small shared office into separate work areas. Expands the Aquatics office footprint to allow for less crowding and more efficient use of space. The A&E is currently in process and construction cost estimates are forthcoming.

Capital Costs	FY2025	Total
Planning/Studies		$0
Design/Engineering		$0
Repairs/Improvements		$0
Construction/Maintenance	$70,000	$70,000
Furniture and Fixtures	$30,000	$30,000
Legal/Special Consultant/Other		$0
Total	$100,000	$100,000

Funding Source	FY2025	Total
General Funds	$100,000	$100,000
G.O. Bonds		$0
Intergovernmental Aid		$0
Recreation Cash Proffers		$0
Sports Contributions/Grants		$0
ARPA		$0
Total	$100,000	$100,000

Additional Information

Type of Project Refurbishment

Pickle-ball Courts

Project Number:	11-PR-23-001	**Department:**	Parks & Recreation
Total Capital Cost:	$25,000	**Type:**	Capital Improvement

Request description:
Convert the existing softball field in Bready Park into pickleball courts. Use of the adult sized softball field has waned in the last 5 years and interest in pickleball has increased. Cost savings occur from the existing fencing in place. The field is lit and although reconfiguration may be needed, the electrical source is available at the site.

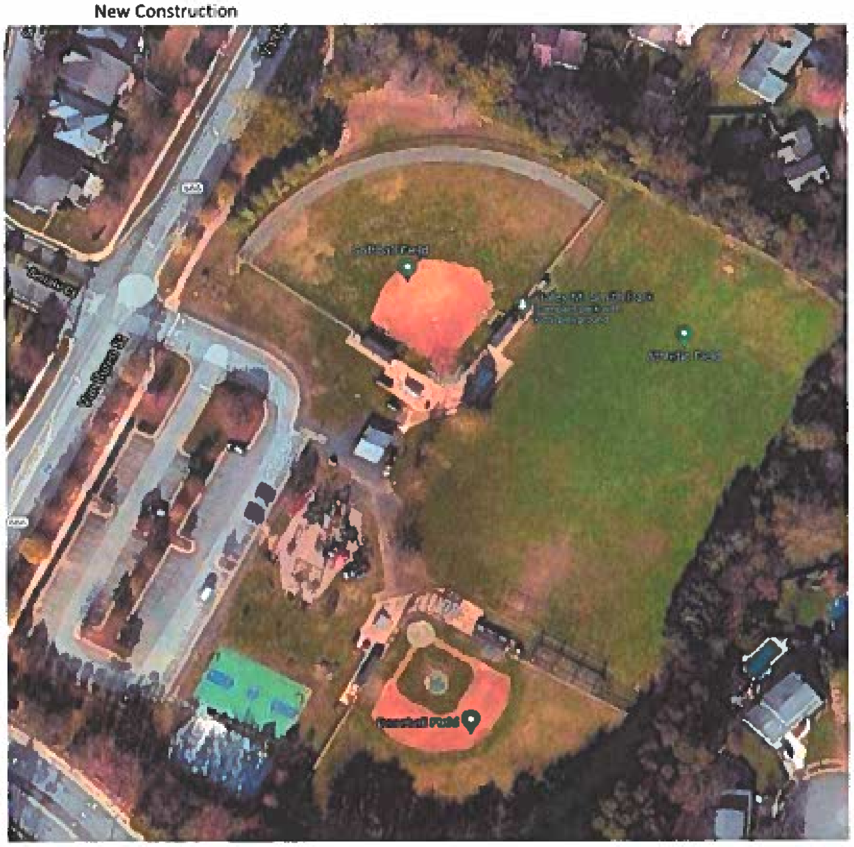
This would create up to eight pickleball courts which could be used for open play as well as by reservation for a fee.

Capital Costs	FY2025	Total
Planning/Studies		$0
Design/Engineering	$25,000	$25,000
Repairs/Improvements		$0
Construction/Maintenance		$0
Furniture and Fixtures		$0
Legal/Special Consultant/Other		$0
Total	$25,000	$25,000

Funding Source	FY2025	Total
General Funds	$25,000	$25,000
G.O. Bonds		$0
Intergovernmental Aid		$0
Recreation Cash Proffers		$0
Sports Contributions/Grants		$0
ARPA		$0
Total	$25,000	$25,000

Additional Information

Type of Project — New Construction



GOLF COURSE PROJECTS

Clubhouse Expansion - Phase Three

Project Number:	3	**Department:**	Golf Course
Total Capital Cost:	$50,000	**Type:**	Capital Improvement
		Timeline:	07/01/2023 to 10/31/2023

Request description:
This project will provide for renovation of the golf course clubhouse, constructed in 1980. The project will include a new architectural image and replacement of the building exterior with a more modern material. Within financial limits, project planning will also refresh or potentially expand components of the existing structure, to include the pro shop, office, food service and golf cart storage areas.

Development of preliminary concept plans and budgetary cost estimates were completed in FY 2017. Based on these estimates, it will be necessary to prioritize options

Capital Costs	FY2024	Total
Planning/Studies		$0
Design/Engineering	$50,000	$50,000
Repairs/Improvements		$0
Construction/Maintenance		$0
Furniture and Fixtures		$0
Legal/Special Consultant/Other		$0
Vehicles/Equipment		$0
Total	$50,000	$50,000

Funding Source	FY2024	Total
General Funds		$0
G.O. Bonds		$0
Intergovernmental Aid		$0
Enterprise Funds	$50,000	$50,000
Total	$50,000	$50,000

Additional Information

Type of Project Refurbishment

Golf Course Master Plan Improvements

Project Number:	1	**Department:**	Golf Course
Total Capital Cost:	$470,000	**Type:**	Capital Improvement
		Timeline:	08/01/2022 to 11/01/2022

Request description:

The Herndon Centennial Golf Course Master Plan provides for improvements to include course playability, aesthetics, and maintainability. Phase Three improvements included reconstruction of selected tee complexes, and additional drainage areas.

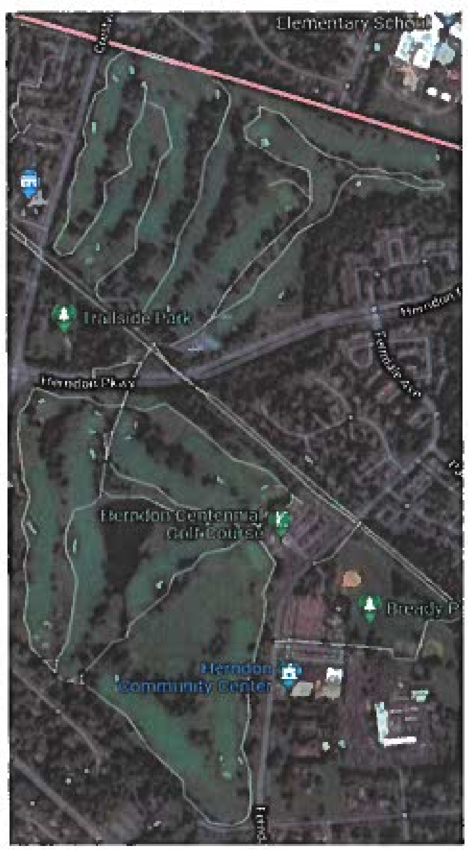
Additional materials and supplies required for turf maintenance of the enlarged teeing areas are anticipated to cost $10,000 annually.

Capital Costs	FY2023	Total
Planning/Studies		$0
Design/Engineering	$30,000	$30,000
Repairs/Improvements		$0
Construction/Maintenance	$400,000	$400,000
Furniture and Fixtures		$0
Legal/Special Consultant/Other		$0
Vehicles/Equipment	$40,000	$40,000
Total	$470,000	$470,000

Funding Source	FY2023	Total
General Funds		$0
G.O. Bonds		$0
Intergovernmental Aid		$0
Enterprise Funds	$470,000	$470,000
Total	$470,000	$470,000

Additional Information

Type of Project Refurbishment



Golf Course Vehicles/Equipment

Project Number: 1
Total Capital Cost: $1.00

Department: Golf Course
Type: Capital Improvement
Timeline: 07/01/2022 to 08/31/2023

Request description:
This program replaces older town vehicles and major equipment over $50,000 on a phased basis in concert with their expected useful life. Timely replacement of vehicles and equipment avoids excessive repair costs, unacceptable down time and unsafe levels of operation. Procurement of vehicles and equipment is done by use of state or local contracts.

Capital Costs	FY2028	Total
Planning/Studies		$0.00
Design/Engineering		$0.00
Repairs/Improvements		$0.00
Construction/Maintenance		$0.00
Furniture and Fixtures		$0.00
Legal/Special Consultant/Other		$0.00
Vehicles/Equipment	$1.00	$1.00
Total	$1.00	$1.00

Funding Source	FY2028	Total
General Funds		$0.00
G.O. Bonds		$0.00
Intergovernmental Aid		$0.00
Enterprise Funds	$1.00	$1.00
Total	$1.00	$1.00

Additional Information

Type of Project: Replacement

WATER & SEWER PROJECTS

Sewer System Conveyance

Project Number:	12-WS-15-004	**Department:**	Sewer Service & Maintenance
Total Capital Cost:	$13,000,000	**Type:**	Capital Improvement

Request description:

This project will provide for conveying most of the future growth in wastewater flows to the Fairfax County sewer system. The design concept consists of a new pumping station near the Sugarland Run Interceptor, along with a combination of a force main and gravity sewer heading east that would transport wastewater to their collection system and treatment plant. Fairfax County has expressed their desire to pursue this project jointly to divert anticipated higher projected flows away from the Sugarland Run interceptor. A preliminary engineering report to establish the pump station location and pipeline route is underway. A very preliminary estimated cost of the project is $13,080,000.

Sewer Pump Station - $4,700,000.

Sewer Force Main (16/20-inch) - $6,900,000.

Capital Costs	FY2023	FY2024	FY2025	Total
Planning/Studies				$0
Design/Engineering	$1,400,000			$1,400,000
Repairs/Improvements				$0
Construction/Maintenance		$4,700,000	$6,900,000	$11,600,000
Furniture and Fixtures				$0
Legal/Special Consultant/Other				$0
Total	$1,400,000	$4,700,000	$6,900,000	$13,000,000

Funding Source	FY2023	FY2024	FY2025	Total
General Funds				$0
Revenue Bonds/Water & Sewer	$0	$4,620,000	$6,900,000	$11,520,000
Intergovernmental Aid				$0
Enterprise Funds				$0
ARPA	$1,400,000	$80,000		$1,480,000
Total	$1,400,000	$4,700,000	$6,900,000	$13,000,000

Account Codes (Capital Costs):

002-08-87-000-480020	$13,000,000
	$13,000,000

Additional Information

Type of Project: New Construction

Sewer Utility Master Plan Improvements

Project Number:	06-SS-15-002	**Department:**	Sewer Service & Maintenance
Total Capital Cost:	$1,650,000	**Type:**	Capital Improvement

Request description:

This program provides for major component construction and upgrades to the sewer conveyance system. As a result of the Herndon Transit-Oriented Core (HTOC), Downtown Master Plan (DTMP), Overlay Districts, and rezoning cases, sewer system construction and upgrades will be targeted to provide sufficient capacity within the Town's sewer mains and trunk lines. The majority of improvements will be localized to the Herndon Parkway area near the proposed Metrorail Station, while additional improvements may be required elsewhere. The town's engineering consultant submitted a Utility Master Plan (UMP) with an extended outlook (2040) for expected improvements needed to meet current and future needs.

	A	B	C	D	E	F
1	Location	Manholes	Design	Design FY	Construction	Con FY
2	Spring Down 1000' 18-inch pipe *	781-728			$550,000.00	FY24
3	Spring Down 100' 21-inch pipe *	728-meter			$100,000.00	FY24
4	Spring Down 2250' 18-inch pipe *	789-781			$950,000.00	FY24
5	UMP update		$ 50,000.00	FY 24		
6						
7						

Capital Costs	**FY2024**	**Total**
Planning/Studies	$50,000	$50,000
Design/Engineering		$0
Repairs/Improvements		$0
Construction/Maintenance	$1,600,000	$1,600,000
Furniture and Fixtures		$0
Legal/Special Consultant/Other		$0
Total	$1,650,000	$1,650,000

Funding Source	**FY2024**	**Total**
General Funds		$0
Revenue Bonds/Water & Sewer	$1,600,000	$1,600,000
Intergovernmental Aid		$0
Enterprise Funds	$50,000	$50,000
ARPA		$0
Total	$1,650,000	$1,650,000

Account Codes (Capital Costs):

002-08-87-000-480020	$1,650,000
	$1,650,000

Additional Information

Type of Project: New Construction

Water Utility Master Plan Improvements

Project Number:	12-WS-15-003	**Department:**	Water Supply & Maintenance
Total Capital Cost:	$8,210,000	**Type:**	Capital Improvement

Request description:

This program provides for major construction and upgrades to the water distribution system. As a result of Herndon Transit-Oriented Core (HTOC), the Downtown Master Plan (DTMP), Overlay Districts, and rezoning cases, water system construction and upgrades will be targeted to provide sufficient domestic and fire flow to new developments. The Town will be changing its source of supply from three existing meter vaults to vaults connected to the 24-inch water main in the W&OD Trail, now owned and operated by Fairfax Water. In addition, the town will fund a new pump station located behind the police station that will provide the needed flow for the town, and which will operate so as to provide for adequate water cycling through the Town's storage tanks. A new storage tank at the Alabama tank site and a new 16-inch water main from the intersection of Center and Nash Streets to the Alabama Tank and the Herndon Parkway will also be needed to meet future demand.

Fiscal Year Detail	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Beyond	TOTAL
Fairfax Water/Herndon Pump Station*	100	4050						4,150
Alabama Tank				135	1175	2250		3,560
Vault Improvements*	500							500
TOTAL	600	4050	0	135	1175	2250		8210

Capital Costs	FY2023	FY2024	FY2026	FY2027	FY2028	Total
Planning/Studies						$0
Design/Engineering	$600,000		$135,000	$275,000		$1,010,000
Repairs/Improvements						$0
Construction/Maintenance		$4,050,000		$900,000	$2,250,000	$7,200,000
Furniture and Fixtures						$0
Legal/Special Consultant/Other						$0
Total	$600,000	$4,050,000	$135,000	$1,175,000	$2,250,000	$8,210,000

Funding Source	FY2023	FY2024	FY2026	FY2027	FY2028	Total
General Funds						$0
Revenue Bonds/Water & Sewer		$4,050,000		$900,000	$2,250,000	$7,200,000
Intergovernmental Aid						$0
Enterprise Funds	$600,000		$135,000	$275,000		$1,010,000
ARPA						$0
Total	$600,000	$4,050,000	$135,000	$1,175,000	$2,250,000	$8,210,000

Account Codes (Capital Costs):

002-08-88-000-480020	$8,210,000
	$8,210,000

Additional Information

Type of Project — New Construction

Sewer Main Relining and Manhole Rehab Program

Project Number:	06-SS-13-001	**Department:**	Sewer Service & Maintenance
Total Capital Cost:	$3,000,000	**Type:**	Capital Improvement

Request description:

The sewer conveyance system requires constant maintenance to prevent costly, unnecessary repairs and sanitation hazards due to infrastructure failures and sewer main deterioration. Fiscal year savings are generated from the infiltration and inflow (I&I) reduction, which reduces sewer conveyance and treatment costs. After surveying our largest trunk line, sections were identified to be in less than favorable condition: I&I, tree roots, deterioration, etc. This will be the focus of our program over the next few years. Other sewer main and manhole rehabilitation may be added to the list when identified in future sewer system surveys. Future efforts will focus on other trunk lines and collector pipelines.

Project Area	Year	Cost
Folly Lick Sewer Shed Area	FY23	500
Folly Lick Sewer Shed Area	FY24	500
TBD	FY25	500
TBD	FY26	250
TBD	FY27	250
TBD	FY28	250

Capital Costs	FY2023	FY2024	FY2025	FY2026	FY2027	Beyond FY2027	Total
Planning/Studies							$0
Design/Engineering							$0
Repairs/Improvements							$0
Construction/Maintenance	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$3,000,000
Furniture and Fixtures							$0
Legal/Special Consultant/Other							$0
Total	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$3,000,000

Funding Source	FY2023	FY2024	FY2025	FY2026	FY2027	Beyond FY2027	Total
General Funds							$0
Revenue Bonds/Water & Sewer							$0
Intergovernmental Aid							$0
Enterprise Funds	$0	$0	$384,000	$500,000	$500,000	$500,000	$1,884,000
ARPA	$500,000	$500,000	$116,000				$1,116,000
Total	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$3,000,000

Account Codes (Capital Costs):	
002-08-87-000-480190	$3,000,000
	$3,000,000

Additional Information

Type of Project Refurbishment

General Water Maintenance and Replacement

Project Number: 12-WS-96-001
Total Capital Cost: $8,752,000.00

Department: Water Supply & Maintenance
Type: Capital Improvement

Request description:

This program provides for major component replacement of the water distribution system. Major maintenance and replacement of system mains and facilities will be phased and prioritized based on pipe age, material, and localized General Fund projects, thus reducing the adverse impacts caused by frequent outages and the cost premiums experienced from system failure repairs. Increased frequency in water main breaks, funding, and re-prioritization of nearby General Fund projects may cause the replacement order to change as needed.

	A	B	C	D	E	F	G	H	I	J
1	Fiscal Year	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Beyond	TOTAL
2	Wilshire Dr - Alabama Dr to Magnolia Lane*	1,350								1,350
3	Lisa Court*	10	175							185
4	Dranesville Road -Park Ave. to Fillmore St.*	102	675							777
5	Crestview Drive HPW to Boundary*	150	1000							1,150
6	Monroe Street - Elden Street to Oak Street*		35	250						285
7	Nash St.- Fairfax Ln to Spring St with Bowers Ln*		56	375						431
8	Florida Ave - Bruce Court -Archer Court		139	927						1,066
9	Patrick Dr/Pickett Ln - Palmer Dr to Alabama			150	1109					1,259
10	Miss/Calhoun/Stuart to Missouri/Missouri AtoPW				180	1,200				1,380
11	Park Ridge Garden Apartments					94	625			719
12	TBD						150	1,150	1,150	2,450
13	TOTAL	1,612	2,080	1,702	1,289	1,294	775	1,150	1,150	11,052

Capital Costs	FY2023	FY2024	FY2025	FY2026	FY2027	Beyond FY2027	Total
Planning/Studies							$0
Design/Engineering	$262,000	$230,000	$150,000	$180,000	$94,000	$150,000	$1,066,000
Repairs/Improvements							$0
Construction/Maintenance	$1,350,000	$1,850,000	$1,552,000	$1,109,000	$1,200,000	$625,000	$7,686,000
Furniture and Fixtures							$0
Legal/Special Consultant/Other							$0
Total	$1,612,000	$2,080,000	$1,702,000	$1,289,000	$1,294,000	$775,000	$8,752,000

Funding Source	FY2023	FY2024	FY2025	FY2026	FY2027	Beyond FY2027	Total
General Funds							$0
Revenue Bonds/Water & Sewer							$0
Intergovernmental Aid							$0
Enterprise Funds	$1,612,000	$2,080,000	$1,702,000	$1,289,000	$1,294,000	$775,000	$8,752,000
ARPA							$0
Total	$1,612,000	$2,080,000	$1,702,000	$1,289,000	$1,294,000	$775,000	$8,752,000

Account Codes (Capital Costs):

002-08-88-000-480020	$8,752,000
	$8,752,000

Additional Information

Type of Project Replacement

Sewer Capacity Purchase

Project Number:	06-SS-15-003	**Department:**	Sewer Service & Maintenance
Total Capital Cost:	$25,000,000	**Type:**	Capital Improvement

Request description:
This program provides for additional treatment capacity allocations at Fairfax County's Noman Cole Wastewater Treatment Plant in Lorton. The Town's existing capacity allotment is nearly fully utilized. The Town has indicated a desire to have the necessary capacity allotments ahead of forthcoming development and redevelopment. The Utility Master Plan prepared by the town's consultant recommends acquiring additional capacity. Based on preliminary discussions with Fairfax County staff the current cost estimate for 1.0 million gallons per day of treatment capacity is $25 million.

Capital Costs	**FY2024**	**Total**
Planning/Studies		$0
Design/Engineering		$0
Repairs/Improvements		$0
Construction/Maintenance	$25,000,000	$25,000,000
Furniture and Fixtures		$0
Legal/Special Consultant/Other		$0
Total	$25,000,000	$25,000,000

Funding Source	**FY2024**	**Total**
General Funds		$0
Revenue Bonds/Water & Sewer	$25,000,000	$25,000,000
Intergovernmental Aid		$0
Enterprise Funds		$0
ARPA		$0
Total	$25,000,000	$25,000,000

Account Codes (Capital Costs):	
002-08-87-000-480020	$25,000,000
	$25,000,000

Additional Information

Type of Project	Replacement

Water - Major Vehicles/Equipment

Project Number:	15-WS-12-002	**Department:**	Water Supply & Maintenance
Total Capital Cost:	$300,000.00	**Type:**	Capital Improvement

Request description:

This program replaces older town vehicles and major equipment over $50,000 on a phased basis in concert with their expected useful life. Timely replacement of vehicles and equipment avoids excessive repair costs, unacceptable down time and unsafe levels of operation. Procurement of vehicles and equipment is performed by IFB (Invitation for Bid) or use of state or local contracts. The following vehicles are scheduled for replacement:

Vehicle	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
Backhoe w hoe ram attach		300					300
Total	0	300	0	0	0		300

Capital Costs	FY2024	Total
Planning/Studies		$0.00
Design/Engineering		$0.00
Repairs/Improvements		$0.00
Construction/Maintenance		$0.00
Furniture and Fixtures	$300,000.00	$300,000.00
Legal/Special Consultant/Other		$0.00
Total	$300,000.00	$300,000.00

Funding Source	FY2024	Total
General Funds		$0.00
Revenue Bonds/Water & Sewer		$0.00
Intergovernmental Aid		$0.00
Enterprise Funds	$300,000.00	$300,000.00
ARPA		$0.00
Total	$300,000.00	$300,000.00

Account Codes (Capital Costs):

002-08-88-000-480030	$300,000.00
	$300,000.00

Additional Information

Type of Project	Replacement

Sewer - Major Vehicles/Equipment

Project Number: 15-SS-15-0001
Total Capital Cost: $625,000.00

Department: Sewer Service & Maintenance
Type: Capital Improvement

Request description:

This program replaces older town vehicles and major equipment over $50,000 on a phased basis in concert with their expected useful life. Timely replacement of vehicles and equipment avoids excessive repair costs, unacceptable down time and unsafe levels of operation. Procurement of vehicles and equipment is performed by IFB (Invitation for Bid) or use of state or local contracts. The following vehicles are scheduled for replacement:

Vehicle Year Cost
#448 -2004 Sewer Flush Truck FY23$450,000
#440 -2006 Crew Pickup Truck FY24$50,000
#456 - 2007 Small Dump Truck w LiftgateFY24$125,000

Capital Costs	FY2023	FY2024	Total
Planning/Studies			$0.00
Design/Engineering			$0.00
Repairs/Improvements			$0.00
Construction/Maintenance			$0.00
Furniture and Fixtures	$450,000.00	$175,000.00	$625,000.00
Legal/Special Consultant/Other			$0.00
Total	$450,000.00	$175,000.00	$625,000.00

Funding Source	FY2023	FY2024	Total
General Funds			$0.00
Revenue Bonds/Water & Sewer			$0.00
Intergovernmental Aid			$0.00
Enterprise Funds	$450,000.00	$175,000.00	$625,000.00
ARPA			$0.00
Total	$450,000.00	$175,000.00	$625,000.00

Account Codes (Capital Costs):

002-08-87-000-480030	$625,000.00
	$625,000.00

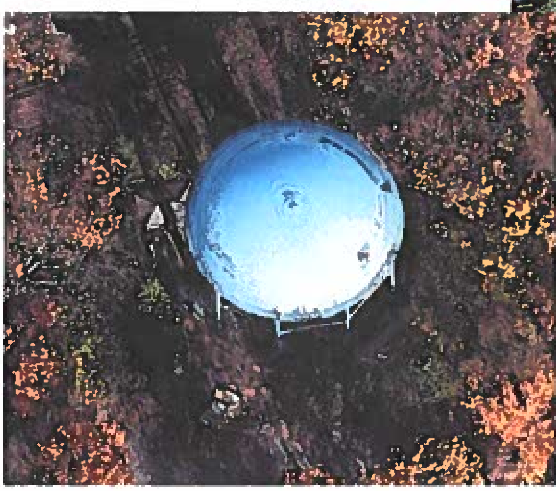
Additional Information

Type of Project Replacement

Water - Facility Security/Improvements

Project Number:	15-WS-12-002	**Department:**	Water Supply & Maintenance
Total Capital Cost:	$460,000	**Type:**	Capital Improvement

Request description:
This program is to make improvements at physical sites, e.g water storage tanks, for enhancements related to security as recommended in the 2021 Risk and Resilience Assessment. As applicable, enhancements to the appearance of the sites are included.



Capital Costs	FY2024	Total
Planning/Studies		$0
Design/Engineering	$30,000	$30,000
Repairs/Improvements		$0
Construction/Maintenance	$430,000	$430,000
Furniture and Fixtures		$0
Legal/Special Consultant/Other		$0
Total	$460,000	$460,000

Funding Source	FY2024	Total
General Funds		$0
Revenue Bonds/Water & Sewer		$0
Intergovernmental Aid		$0
Enterprise Funds	$460,000	$460,000
ARPA		$0
Total	$460,000	$460,000

Additional Information

Type of Project New Construction

CEMETERY PROJECTS

Chestnut Grove Cemetery

Project Number: 11-PR-15-001
Total Capital Cost: $2,600,000

Department: Cemetery
Type: Capital Improvement

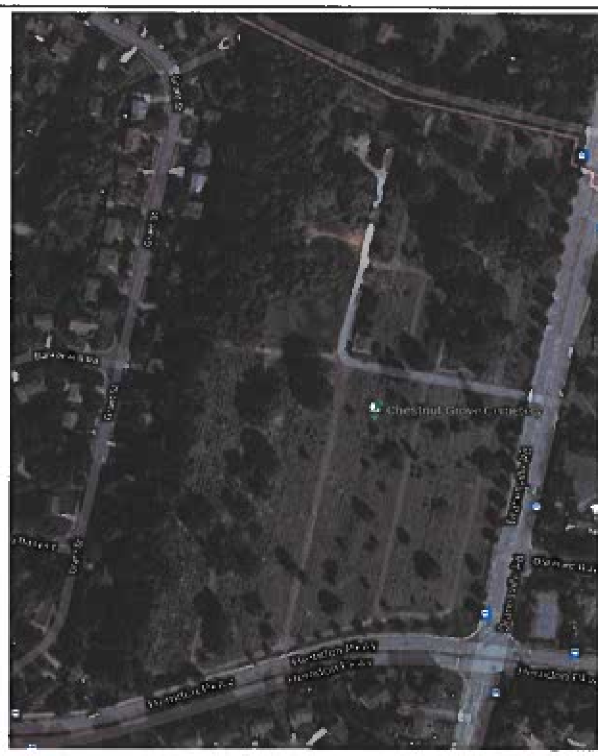
Request description:
This project provides for the development of approximately 3,000 burial sites and 3.5 acres. The funding is intended for the design, engineering and construction of this area. The site has to be cleared of trees, stumps and other vegetation. In addition, there will be approximately 272 feet of 18" diameter storm drain to be installed prior to importing clean fill to bring the area up to the grade specified in the site plan. A street with a cul-de-sac will be constructed and water lines will be installed according to the plans. The site will be landscaped to be compatible with the present landscape and the overall usage of the area has yet to be determined. The area has to be surveyed, mapped and burial lots marked off with site pins and numbered posts. To support the maintenance and upkeep of this area, a full-time position will be added and additional lawn maintenance equipment (such as mowers) and supplies may be purchased.

Capital Costs	FY2023	Total
Planning/Studies		$0
Design/Engineering	$100,000	$100,000
Repairs/Improvements		$0
Construction/Maintenance	$2,500,000	$2,500,000
Furniture and Fixtures		$0
Legal/Special Consultant/Other		$0
Total	$2,600,000	$2,600,000

Funding Source	FY2023	Total
General Funds		$0
G.O. Bonds	$2,500,000	$2,500,000
Intergovernmental Aid		$0
Enterprise Funds	$100,000	$100,000
Proffers		$0
Total	$2,600,000	$2,600,000

Additional Information

Type of Project: New Construction



CIP PROGRAM FUNDING SPREADSHEET

FY 2023 Funding Sources

Request Title	FY2023 Capital Cost	General Funds	ARPA	Enterprise	Misc Grants & other	Total	All Years Capital Cost
		FY 2023					
Multimodal Transportation and Enhancements						$0	
East Elden Street (from west of Van Buren St to Fairfax Co. Parkway)	$10,400,000				$10,400,000	$10,400,000	$50,500,000
Herndon Pkwy/Spring St Intersection to F. Co. Pkwy	$3,407,000				$3,407,000	$3,407,000	$8,654,000
Vehicular and Pedestrian Access to Herndon Metrorail						$0	$0
Van Buren Street Improvements (Spring Street to Herndon Parkway)						$0	$0
Herndon Parkway/Van Buren St. Intersection						$0	$0
South Elden Street (Herndon Parkway to Sterling Road						$0	$16,000,000
Trails to Herndon Metrorail	$467,550				$467,550	$467,550	$467,550
Sidewalks, Trails and Bicycle Facilities						$0	$1,250,000
Central Elden Walkability Improvements						$0	$2,800,000
Traffic Signal at Herndon Centre (former K-Mart)						$0	$1,650,000
Downtown Utility Relocation						$0	$2,100,000
Sterling Road Multi-Modal Improvements	$204,000					$0	$818,000
Herndon Metrorail Promenade					$204,000	$204,000	$200,000
Herndon Parkway Improvement at Worldgate Extension						$0	$7,386,000
Herndon Parkway / Sunset Park Drive Intersection	$75,000				$75,000	$75,000	$75,000
Wayfinding Signage						$0	$1
Center Street Culvert Safety Improvement						$0	$30,000
Worldgate Drive Extension	$150,000				$150,000	$150,000	$150,000
SUBTOTAL	**$14,703,550**	**$0**	**$0**	**$0**	**$14,703,550**	**$14,703,550**	**$92,080,551**
						$0	
Government Facilities Infrastructure						$0	
Energy Conservation						$0	$2,200,000
Town-wide Security Improvements	$736,473		$736,473			$736,473	$1,336,473
1481 Sterling Road's Future Determination						$0	$50,000
Town Shop Underground Fuel Storage Tank Replacement	$1,000,000		$1,000,000			$1,000,000	$1,000,000
Herndon Municipal Center/Chambers Backlog	$229,738		$229,738			$229,738	$3,094,738
Council Chambers Retrofit						$0	$200,000
Police Parking Lot Expansion	$481,464		$481,464			$481,464	$481,464
Police Exterior Garage						$0	$1,060,000
Police Records Management System						$0	$225,000
Network infrastructure end of life equipment replacement	$85,000	$51,000	$34,000			$85,000	$280,000
HMC Fire Alarm System						$0	$1,620,650
SUBTOTAL	**$2,532,675**	**$51,000**	**$2,481,675**	**$0**	**$0**	**$2,532,675**	**$11,548,325**
						$0	
Stormwater Management/Enviromental Enhancement						$0	
Storm Drainage Improvements	$650,000				$650,000	$650,000	$2,400,000
Stream Restoration	$1,000,000				$1,000,000	$1,000,000	$1,000,000
SUBTOTAL	**$1,650,000**	**$0**	**$0**	**$0**	**$1,650,000**	**$1,650,000**	**$3,400,000**
						$0	
Parks and Recreation						$0	
Sports Field and Park Improvements						$0	$1,523,000
Bready Park Tennis Court Renovation	$65,000		$65,000			$65,000	$881,130
Herndon Community Center -Aquatics - Pool Pak Replacement	$375,775		$375,775			$375,775	$2,598,487
Park Equipment Replacement Program	$105,000		$105,000			$105,000	$540,000
Town Hall Square, Depot, Caboose Improvements						$0	$50,000
W&OD Trail Lighting						$0	$1
Herndon Community Center - Phase 5						$0	$1
Trailside Skate Park Expansion						$0	$1
Runnymede Park Nature Center						$0	$1
Aquatic Office Conversions						$0	$100,000
Pickle-ball Courts						$0	$25,000
SUBTOTAL	**$545,775**	**$0**	**$545,775**	**$0**	**$0**	**$545,775**	**$5,717,621**
						$0	
General Government TOTAL	**$19,432,000**	**$51,000**	**$3,027,450**	**$0**	**$16,353,550**	**$19,432,000**	**$112,746,497**
						$0	
Golf Course Fund Projects						$0	
Golf Course Master Plan Improvements	$470,000			$470,000		$470,000	$470,000
Clubhouse Expansion - Phase Three		$0				$0	$50,000
Golf Course Vehicles/Equipment	$150,000			$150,000		$150,000	$150,000
SUBTOTAL	**$620,000**	**$0**	**$0**	**$620,000**	**$0**	**$620,000**	**$670,000**
						$0	
						$0	
Sewer - Major Vehicles/Equipment	$450,000			$450,000		$450,000	$625,000
Sewer Capacity Purchase						$0	$25,000,000
Sewer Utility Master Plan Improvements						$0	$1,650,000
Sewer Main Relining and Manhole Rehab Program	$500,000		$500,000			$500,000	$3,000,000
Sewer System Conveyance	$1,400,000		$1,400,000			$1,400,000	$13,000,000
Water - Facility Security/Improvements						$0	$460,000
Water - Major Vehicles/Equipment						$0	$300,000
Water Utility Master Plan Improvements	$600,000		$600,000			$600,000	$8,210,000
General Water Maintenance and Replacement	$1,612,000			$1,612,000		$1,612,000	$8,752,000
SUBTOTAL	**$4,562,000**	**$0**	**$2,500,000**	**$2,062,000**	**$0**	**$4,562,000**	**$60,997,000**
						$0	
Cemetery Fund Project						$0	
Chestnut Grove Cemetery	$2,600,000			$200,000	$2,400,000	$2,600,000	$2,600,000
SUBTOTAL	**$2,600,000**	**$0**	**$0**	**$200,000**	**$2,400,000**	**$2,600,000**	**$2,600,000**
FY 2023 - FY 2028 Projects TOTAL	**$27,214,000**	**$51,000**	**$5,527,450**	**$2,882,000**	**$18,753,550**	**$27,214,000**	**$177,013,497**