



# Capital Improvement Program General Government

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## General Government

Capital Improvement Program											
General Government											
	Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Projects											
Broad Run Farms Waterline Extension	-		9,885	-	-	-	-	-	9,885	-	9,885
Capital Project Management	30,625		4,695	4,818	4,963	5,112	5,265	5,423	30,276	23,372	84,273
Capital Support Positions	4,652		2,472	2,468	2,542	2,618	2,697	2,778	15,575	11,969	32,197
CIP Contingency	72,256		12,700	13,589	14,540	15,558	16,647	17,812	90,846	84,621	247,723
Consolidated Shops and Warehouse Facility	35,200		3,500	-	-	-	-	-	3,500	-	38,700
County Renovation Program – Government Center	2,638		500	535	572	612	655	701	3,575	3,331	9,544
County Renovation Program – Renovation Fund	1,000		1,110	1,145	1,225	1,311	1,403	1,501	7,695	7,129	15,824
County Renovation Program – Shenandoah Building Renovations	-		-	4,000	4,000	4,000	-	-	12,000	-	12,000
County Renovation Program – Waterford Space Renovation	-		-	2,000	-	-	-	-	2,000	-	2,000
Eastern Services Center	-		-	-	-	17,250	-	-	17,250	-	17,250
General Government Office Space – Sycolin Road Phase I	-		-	-	17,565	97,380	10,128	-	125,073	-	125,073
Landfill - CDD Cell A2 Liner	-		-	-	6,220	-	-	-	6,220	-	6,220
Landfill - Debt Service	10,647		2,942	-	-	-	-	-	2,942	-	13,589
Landfill - Sequence 1A Cap	1,500		1,790	-	-	-	-	-	1,790	-	3,290
Landfill Reclamation - Cell R2 Liner	-		-	7,920	-	-	-	-	7,920	-	7,920
Scoping and Preliminary Engineering	-		-	3,500	3,605	3,713	3,824	3,939	18,581	16,973	35,554
Storm Water Management	44,019		6,460	6,780	7,119	7,475	7,849	8,241	43,924	37,296	125,239
Water/Wastewater Fund	8,000		2,350	2,400	2,450	2,500	2,550	2,600	14,850	10,900	33,750
Total Cost	210,537		48,404	49,155	64,801	157,529	51,018	42,995	413,902	195,591	820,030
Funding Source											
Local Tax Funding	170,246		38,201	38,700	40,444	42,287	40,235	42,294	242,161	192,260	604,667
Local Tax Funding Roads	-		1,431	-	-	-	-	-	1,431	-	1,431
Lease Revenue Financing	29,138		5,790	10,455	24,357	111,742	10,783	701	163,828	3,331	196,297
Cash Proffers	-		40	-	-	3,500	-	-	3,540	-	3,540
NVTA 30% Local	239		-	-	-	-	-	-	-	-	239
Local Gas Tax	217		-	-	-	-	-	-	-	-	217
Fees (Landfill and Transit)	10,647		2,942	-	-	-	-	-	2,942	-	13,589
Land Sale Proceeds	50		-	-	-	-	-	-	-	-	50
VPSA Bonds	-		-	-	-	-	-	-	-	-	-
Total Financing	210,537		48,404	49,155	64,801	157,529	51,018	42,995	413,902	195,591	820,030



## General Government

## Broad Run Farms Waterline Extension

## Details:

Project Number: n/a

Election District: Algonkian District

Square Feet: n/a

Location: Broad Run Farms subdivision

Completion Year: FY 2021

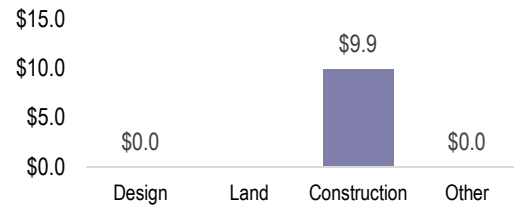
Referendum: n/a

## Background:

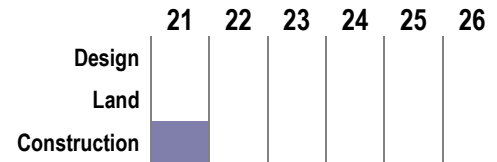
The Hidden Lane Landfill is an Environmental Protection Agency (EPA) Superfund Site in the Broad Run Farms community in Sterling. The Board of Supervisors has considered an extension of public waterlines throughout the Broad Run Farms subdivision in response to groundwater contamination from the Hidden Lane Landfill.

The EPA has proposed using federal funds to extend water service to serve 142 (out of 453) Broad Run Farms parcels that are closest to the area impacted by the Superfund Site. This project will extend water line mains to the remaining 311 parcels in Broad Run Farms.

## Phase Costs in Millions



## Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Construction	-	9,885	-	-	-	-	-	9,885	-	9,885
<b>Total Cost</b>	-	<b>9,885</b>	-	-	-	-	-	<b>9,885</b>	-	<b>9,885</b>
Local Tax Funding	-	9,885	-	-	-	-	-	9,885	-	9,885
<b>Total Financing</b>	-	<b>9,885</b>	-	-	-	-	-	<b>9,885</b>	-	<b>9,885</b>



## General Government

## Capital Project Management

## Details:

Project Number: C02011, C02247

Election District: Countywide

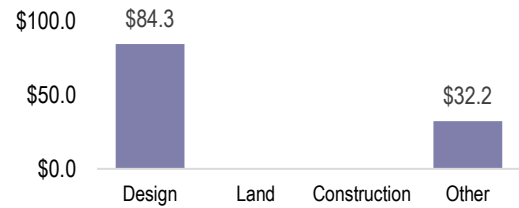
Square Feet: n/a

Location: Countywide

Estimated Completion Year: Ongoing

Referendum: n/a

## Phase Costs in Millions



## Background:

The Capital Project Management account provides funding for County resources in the Department of Transportation & Capital Infrastructure, Department of Finance and Budget, and the Department of Information Technology to support the County's capital projects. Types of support include budget development, procurement, accounting, and program oversight. The staffing costs for these support positions are included in this account.

Direct project-related staffing costs, such as land acquisition, design engineering, and construction management are included in project budgets.

Due to the high volume of design and construction projects, this account includes annual allocations of local tax funding to hire consulting services from private firms to assist with project planning, such as scoping, cost estimation, and scheduling.

## Project Phase Timeline by FY

	21	22	23	24	25	26
Design						
Land						
Construction						

Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	30,625	4,695	4,818	4,963	5,112	5,265	5,423	30,276	23,372	84,273
Personnel	4,652	2,472	2,468	2,542	2,618	2,697	2,778	15,575	11,969	32,197
<b>Total Cost</b>	<b>35,277</b>	<b>7,167</b>	<b>7,286</b>	<b>7,505</b>	<b>7,730</b>	<b>7,962</b>	<b>8,201</b>	<b>45,851</b>	<b>35,341</b>	<b>116,469</b>
Local Tax Funding	35,038	7,167	7,286	7,505	7,730	7,962	8,201	45,851	35,341	116,231
NVTA 30% Local	239	-	-	-	-	-	-	-	-	239
<b>Total Financing</b>	<b>35,277</b>	<b>7,167</b>	<b>7,286</b>	<b>7,505</b>	<b>7,730</b>	<b>7,962</b>	<b>8,201</b>	<b>45,851</b>	<b>35,341</b>	<b>116,469</b>



## General Government

### CIP Contingency

#### Details

**Project Number:** C00030

**Election District:** Countywide

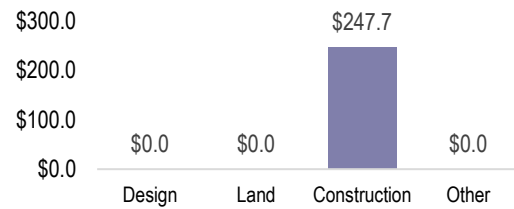
**Square Feet:** n/a

**Location:** Countywide

**Estimated Completion Year:** Ongoing

**Referendum:** n/a

#### Phase Costs in Millions



#### Background

The Capital Improvement Program (CIP) Contingency account includes annual allocations of local tax funding to maintain a sustainable capital project contingency commensurate with a capital financing plan that is over \$2 billion dollars.

#### Project Phase Timeline by FY

	21	22	23	24	25	26
Design						
Land						
Construction						

Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Contingency	72,256	12,700	13,589	14,540	15,558	16,647	17,812	90,846	84,621	247,723
<b>Total Cost</b>	<b>72,256</b>	<b>12,700</b>	<b>13,589</b>	<b>14,540</b>	<b>15,558</b>	<b>16,647</b>	<b>17,812</b>	<b>90,846</b>	<b>84,621</b>	<b>247,723</b>
Local Tax Funding	71,989	11,269	13,589	14,540	15,558	16,647	17,812	89,415	84,621	246,025
Local Tax Funding Roads	-	1,431	-	-	-	-	-	1,431	-	1,431
Local Gas Tax	217	-	-	-	-	-	-	-	-	217
Land Sale Proceeds	50	-	-	-	-	-	-	-	-	50
<b>Total Financing</b>	<b>72,256</b>	<b>12,700</b>	<b>13,589</b>	<b>14,540</b>	<b>15,558</b>	<b>16,647</b>	<b>17,812</b>	<b>90,846</b>	<b>84,621</b>	<b>247,723</b>



## General Government

## Consolidated Shops and Warehouse Facility

## Details:

Project Number: C02071

Election District: Catoclin

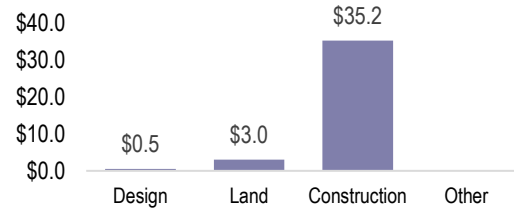
Square Feet: 176,250

Location: 750 &amp; 751 Miller Drive

Estimated Completion Year: FY 2021

Referendum: n/a

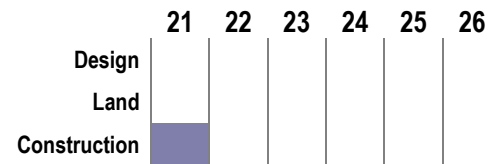
## Phase Costs in Millions



## Background:

The Consolidated Shops and Warehouse Facility will provide storage and warehouse space for all County Government departments into a centralized facility, eliminating the use of leased warehouse, shop and storage space spread throughout the County. Based on the County's current Space Plan: The 751 Miller Drive facility will provide functional and secure warehousing space for Fire and Rescue Self-Contained Breathing (SCBA) Apparatus, Apparatus up-fitting, Candidate Physical Ability Test (CPAT) and provide space for the future wellness center and apparatus storage. The 750 Miller Drive facility will continue to serve, Voter Registration and other programming as well as swing space for county departments that undergo renovations.

## Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	500	-	-	-	-	-	-	-	-	500
Land	3,000	-	-	-	-	-	-	-	-	3,000
Construction	31,700	3,500	-	-	-	-	-	3,500	-	35,200
<b>Total Cost</b>	<b>35,200</b>	<b>3,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,500</b>	<b>-</b>	<b>38,700</b>
Local Tax Funding	10,200	-	-	-	-	-	-	-	-	10,200
Lease Revenue Financing	25,000	3,500	-	-	-	-	-	3,500	-	28,500
<b>Total Financing</b>	<b>35,200</b>	<b>3,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,500</b>	<b>-</b>	<b>38,700</b>

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
O&M	1,123	1,156	1,191	1,227	1,264	1,302	7,262
Debt Service	-	88	346	337	328	319	1,418
<b>Total Impact</b>	<b>1,123</b>	<b>1,244</b>	<b>1,537</b>	<b>1,564</b>	<b>1,592</b>	<b>1,621</b>	<b>8,680</b>



## General Government

## County Renovation Program

## Details:

Project Number: C02268

Election District: Countywide

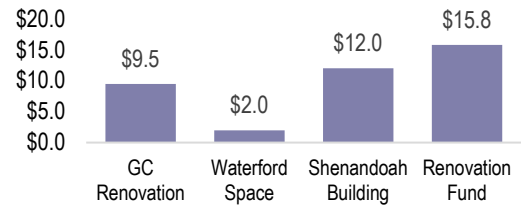
Square Feet: Varies

Location: Multiple Locations

Completion Year: Ongoing

Referendum: n/a

## Phase Costs in Millions



## Background:

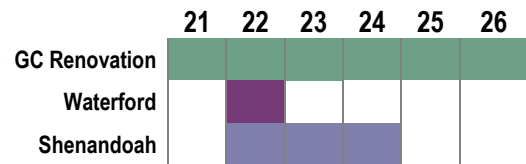
In FY 2020 the County's ongoing renovation funding was moved from the Capital Asset Preservation Program (CAPP) Fund to an expanded Renovation Program in the CIP. This Program has both project-based renovations, which tend to be larger in scale and require longer-term planning, and smaller renovation projects resulting from changes in program/department requirements. Projects in the six-year planning period include:

Government Center: Ongoing renovations to the Loudoun County Government Center.

Waterford Space: Renovation of up to 11,000 square-feet at the former Animal Shelter in Waterford as office space for Extension Services and Economic Development's Agricultural Business program. The expected completion date is FY 2022.

Shenandoah Office Building: Three-year phased renovations to each floor of the building with completion expected in FY 2024.

## Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Construction	3,638	1,570	7,680	5,797	5,923	2,058	2,202	25,230	10,460	39,328
Personnel	-	40	-	-	-	-	-	40	-	40
<b>Total Cost</b>	<b>3,638</b>	<b>1,610</b>	<b>7,680</b>	<b>5,797</b>	<b>5,923</b>	<b>2,058</b>	<b>2,202</b>	<b>25,270</b>	<b>10,460</b>	<b>39,368</b>
Local Tax Funding	1,000	1,070	5,145	5,225	5,311	1,403	1,501	19,655	7,129	27,784
Cash Proffers	-	40	-	-	-	-	-	40	-	40
Lease Revenue Financing	2,638	500	2,535	572	612	655	701	5,575	3,331	11,544
<b>Total Financing</b>	<b>3,638</b>	<b>1,610</b>	<b>7,680</b>	<b>5,575</b>	<b>5,923</b>	<b>2,058</b>	<b>2,202</b>	<b>25,270</b>	<b>10,460</b>	<b>39,368</b>

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	13	113	311	362	414	472	1685
<b>Total Impact</b>	<b>13</b>	<b>113</b>	<b>311</b>	<b>362</b>	<b>414</b>	<b>417</b>	<b>1685</b>



## General Government

## Eastern Services Center

## Details:

Project Number: n/a

Election District: n/a

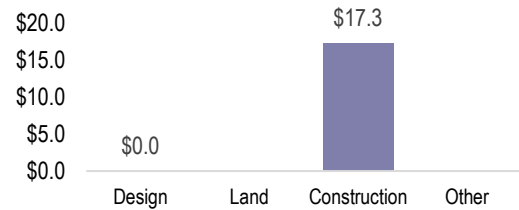
Square Feet: 60,000

Location: n/a

Estimated Completion Year: FY 2025

Referendum: n/a

## Phase Costs in Millions

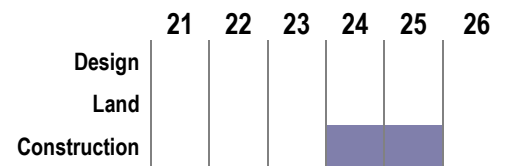


## Background:

This project provides funding to acquire and renovate office space to serve as an Eastern Community Services Center.

The Board directed staff to develop a Government Office Space Transition Strategy, which includes the construction of new County government facilities and/or the acquisition of existing office or commercial buildings in specific areas of the County that provide synergy between the County seat in Leesburg and population densities in eastern Loudoun. The Board direction also provided for the acquisition of an appropriate Community Service Center in eastern Loudoun sufficient to deliver satellite public services to include the Commissioner of Revenue; Treasurer; Family Services; Health Department and Human Services; and Mental Health, Substance Abuse, and Developmental Services.

## Project Phase Timeline by FY



The development and acquisition of new County government office space will allow the County to move current operations out of leased space, at a significant long-term cost savings to the County, and develop additional space required to accommodate future growth.

Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	17,250	-	-	17,250	-	17,250
<b>Total Cost</b>	-	-	-	-	<b>17,250</b>	-	-	<b>17,250</b>	-	<b>17,250</b>
Lease Revenue Financing	-	-	-	-	13,750	-	-	13,750	-	13,750
Cash Proffers	-	-	-	-	3,500	-	-	3,500	-	3,500
<b>Total Financing</b>	-	-	-	-	<b>17,250</b>	-	-	<b>17,250</b>	-	<b>17,250</b>

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	-	-	172	852	1,343	2,367
<b>Total Impact</b>	-	-	-	<b>172</b>	<b>852</b>	<b>1,343</b>	<b>2,367</b>



## General Government

## General Government Office Space – Sycolin Road Phase I

## Details:

Project Number: n/a

Planning Subarea: Leesburg

Election District: Catootin

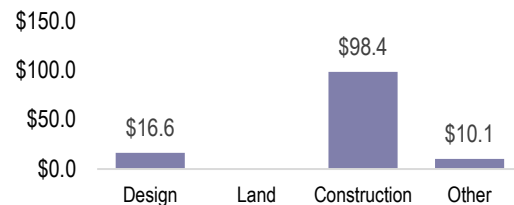
Square Feet: 150,000

Location: Government Support Center site on Sycolin Road

Estimated Completion Year: FY 2030

Referendum: n/a

## Phase Costs in Millions



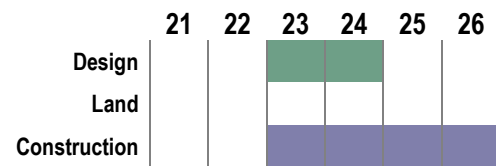
## Background:

Phase I of the project proposes to provide funding to design and construct a new County government office space at the Government Support Center site along Sycolin Road in the Leesburg Planning Subarea in FY 2023 and FY 2024.

The Board directed staff to develop a Government Office Space Transition Strategy, which includes the construction of new County government facilities and/or the acquisition of existing office or commercial buildings in specific areas of the County that provide synergy between the County seat in Leesburg and population densities in eastern Loudoun.

The development of new County government office space will allow the County to move current operations out of leased space, at a significant long-term cost savings to the County, and develop additional space required to accommodate future growth.

## Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	16,565	-	-	-	16,565	-	16,565
Construction	-	-	-	1,000	97,380	-	-	98,380	-	98,380
Furniture, Fixtures & Equip	-	-	-	-	-	10,128	-	10,128	-	10,128
<b>Total Cost</b>	-	-	-	<b>17,565</b>	<b>97,380</b>	<b>10,128</b>	-	<b>125,073</b>	-	<b>125,073</b>
Lease Revenue Financing	-	-	-	17,565	97,380	10,128	-	125,073	-	125,073
<b>Total Financing</b>	-	-	-	<b>17,565</b>	<b>97,380</b>	<b>10,128</b>	-	<b>125,073</b>	-	<b>125,073</b>

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
O&M	-	-	-	-	-	1,108	1,108
Debt Service	-	-	38	173	346	809	1,366
<b>Total Impact</b>	-	-	<b>38</b>	<b>173</b>	<b>346</b>	<b>1,916</b>	<b>2,473</b>



## General Government

## Landfill – Construction Demolition Debris Cell A2 Liner

## Details:

Project Number: C02231

Election District: Catoctin

Acreage: approximately 8

Location: Loudoun County Landfill

Estimated Completion Year: Ongoing

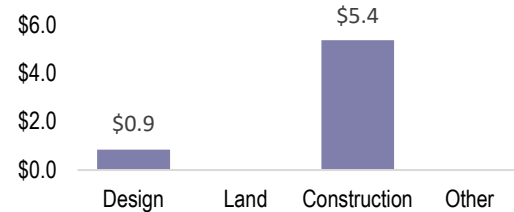
Referendum: n/a

## Background:

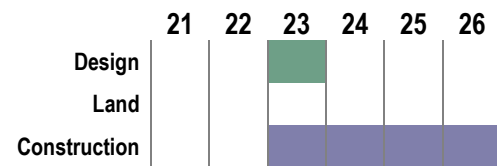
This project funds the engineering, design, and permitting of the Construction Demolition Debris (CDD) Unit at the Loudoun County Solid Waste Management Facility. This project also includes preparation of bidding documents and construction of the first 8-acre CDD-only Cell Area 2 (Cell A2) of an approximate total 48-acre CDD Unit area. The CDD Unit is intended to divert CDD waste from the municipal solid waste disposal unit, thus extending the life of the landfill and providing continued long-term support for County growth.

The Department of General Services manages the Loudoun County Solid Waste Management Facility (Landfill). Operating costs for landfill disposal operations are offset by fees collected for service at the facility in keeping with the Loudoun County Board of Supervisors' policy of revenue neutrality for landfill operations. No additional operations resources are required for the CDD Unit permitting and Cell Area 2 construction project.

## Phase Costs in Millions



## Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	850	-	-	-	850	-	850
Construction	-	-	-	5,370	-	-	-	5,370	-	5,370
<b>Total Cost</b>	-	-	-	<b>6,220</b>	-	-	-	<b>6,220</b>	-	<b>6,220</b>
Lease Revenue Financing	-	-	-	6,220	-	-	-	6,220	-	6,220
<b>Total Financing</b>	-	-	-	<b>6,220</b>	-	-	-	<b>6,220</b>	-	<b>6,220</b>

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	-	156	613	598	582	1,949
<b>Total Impact</b>	-	-	<b>156</b>	<b>613</b>	<b>598</b>	<b>582</b>	<b>1,949</b>



## General Government

## Landfill Reclamation – Cell R2 Liner

## Details:

Project Number: C00214

Election District: Catoclin

Acreage: approximately 9

Location: Loudoun County Landfill

Estimated Completion Year: Ongoing

Referendum: n/a

## Background:

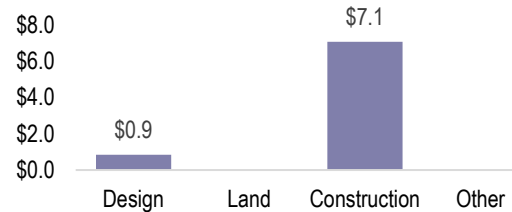
This reclamation project is a voluntary remediation of the oldest, unlined portion of the County Landfill, which is located in the middle of the existing landfill between Phases I and II.

This existing, unlined area is the accepted source of pollutants in facility groundwater and poses a future remediation liability. This project consists of removing solid waste and cover soil from the earliest disposal areas within the facility. Following the removal and relocation of the waste to other lined areas of the landfill, the reclaimed site would then be lined per current regulatory standards and used for new disposal operations. Fees generated by the additional capacity gained from the reclamation will offset the majority of costs associated with the project.

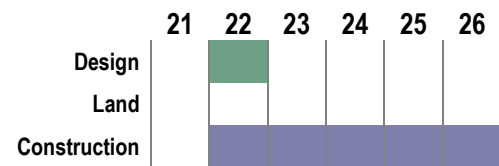
The anticipated benefits of executing this project are to: 1. remove the source of groundwater contamination at the landfill; 2. remediate current groundwater contamination; and 3. gain cost effective, new landfill capacity without expanding the disposal footprint or constructing new infrastructure. This project is anticipated to be phased over a multi-year period utilizing contracted services. The Department of General Services manages the Loudoun County Solid Waste Management Facility (Landfill).

Operating costs for landfill disposal operations are offset by fees collected for service at the facility in keeping with the Loudoun County Board of Supervisors' policy of revenue neutrality for landfill operations. No additional operational resources are required for the reclamation project.

## Phase Costs in Millions



## Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	-	-	850	-	-	-	-	850	-	850
Construction	-	-	7,070	-	-	-	-	7,070	-	7,070
<b>Total Cost</b>	-	-	<b>7,920</b>	-	-	-	-	<b>7,920</b>	-	<b>7,920</b>
Lease Revenue Financing	-	-	7,920	-	-	-	-	7,920	-	7,920
<b>Total Financing</b>	-	-	<b>7,920</b>	-	-	-	-	<b>7,920</b>	-	<b>7,920</b>

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	791	771	752	732	712	3,758
<b>Total Impact</b>	-	<b>791</b>	<b>771</b>	<b>752</b>	<b>732</b>	<b>712</b>	<b>3,758</b>



## General Government

## Landfill Sequence IA Cap

## Details:

Project Number: C02249

Election District: Catoctin

Acreage: approximately 20

Location: Loudoun County Landfill

Estimated Completion Year: Ongoing

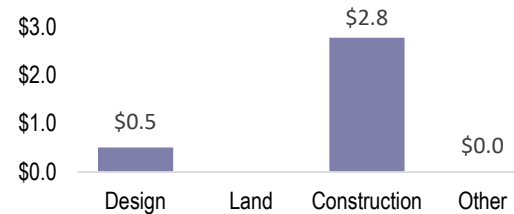
Referendum: n/a

## Background:

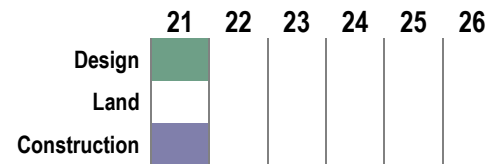
This project consists of design and construction of erosion and sediment controls, fine grading, and installation of a temporary synthetic cap over Cell 1A of the landfill once it is filled to capacity, per approved permit conditions.

The Department of General Services manages the Loudoun County Solid Waste Management Facility (Landfill). Closure operations and maintenance costs include maintenance of closed, lined and capped disposal space, erosion control structures and environmental monitoring in accordance with approved permit conditions, closure plan requirements and state regulations. No additional operational resources are required for the closure project.

## Phase Costs in Millions



## Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	150	360	-	-	-	-	-	360	-	510
Construction	1,350	1,430	-	-	-	-	-	1,430	-	2,780
<b>Total Cost</b>	<b>1,500</b>	<b>1,790</b>	-	-	-	-	-	<b>1,790</b>	-	<b>3,290</b>
Lease Revenue Financing	1,500	1,790	-	-	-	-	-	1,790	-	3,290
<b>Total Financing</b>	<b>1,500</b>	<b>1,790</b>	-	-	-	-	-	<b>1,790</b>	-	<b>3,290</b>

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	180	175	171	166	162	853
<b>Total Impact</b>	-	<b>180</b>	<b>175</b>	<b>171</b>	<b>166</b>	<b>162</b>	<b>853</b>



## General Government

### Scoping and Preliminary Engineering

#### Details:

**Project Number:** n/a

**Election District:** n/a

**Completion Year:** Ongoing

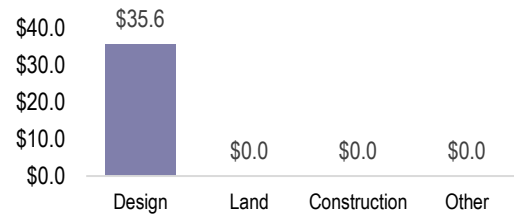
**Referendum:** n/a

#### Background:

This project provides funding to initiate advanced project scoping and preliminary engineering of transportation projects. This advanced engineering effort is used to initiate engineering and environmental analysis of transportation projects that are funded for design in future years.

This advanced engineering will be used to better position projects for federal, state and regional transportation funding opportunities that require "shovel ready or near ready" status. This project serves as a funding source account. Once specific project locations are identified, the funds will be transferred to the specific project account.

#### Phase Costs in Millions



#### Project Phase Timeline by FY

	21	22	23	24	25	26
Design						
Land						
Construction						

Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	-	-	3,500	3,605	3,713	3,824	3,939	18,581	16,973	35,554
<b>Total Cost</b>	-	-	<b>3,500</b>	<b>3,605</b>	<b>3,713</b>	<b>3,824</b>	<b>3,939</b>	<b>18,581</b>	<b>16,973</b>	<b>35,554</b>
Local Tax Funding	-	-	3,500	3,605	3,713	3,824	3,939	18,581	16,973	35,554
<b>Total Financing</b>	-	-	<b>3,500</b>	<b>3,605</b>	<b>3,713</b>	<b>3,824</b>	<b>3,939</b>	<b>18,581</b>	<b>16,973</b>	<b>35,554</b>



## General Government

### Storm Water Management

#### Details:

**Project Number:** C00003  
**Election District:** Countywide  
**Square Feet:** n/a  
**Location:** Countywide  
**Completion Year:** Ongoing  
**Referendum:** n/a

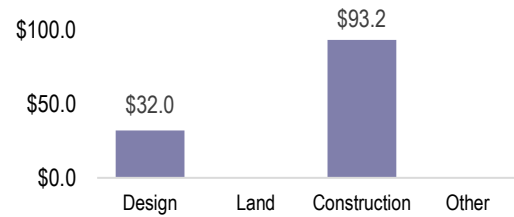
#### Background:

As part of its standard operating regimen, the County routinely updates its storm water infrastructure inventory as facilities are added through new development. The County has developed and implemented an overall storm water management program to meet the Environmental Protection Agency's (EPA) Phase II storm water discharge permit requirements that mandate the repair, maintenance, and restoration of County-owned storm water infrastructure.

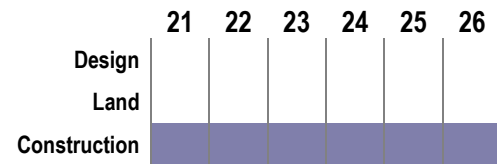
These capital funds support the restoration and management of storm water infrastructure the County identified in the storm water management strategic plan. This project provides funding to meet storm water management programmatic needs, partially restore the older sections of the system, address ongoing growth, and administer the repair and maintenance of the entire system countywide.

Beginning in FY 2019 and extending over a ten-year period, additional funding is required to support the County's State and Federal Total Maximum Daily Load (TMDL) and Municipal Separate Storm Sewer System (MS4) Chesapeake Bay requirements. The TMDL was issued by the EPA and is a mandate on the bay states. In 2012, the County completed a study that estimated the County's costs for meeting the Chesapeake Bay TMDL reduction requirements will be \$20 million (2012 dollars) in storm water retrofit projects by 2028.

Phase Costs in Millions



Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	32,009	-	-	-	-	-	-	-	-	32,009
Construction	12,010	6,460	6,780	7,119	7,475	7,849	8,241	43,924	37,296	93,230
<b>Total Cost</b>	<b>44,019</b>	<b>6,460</b>	<b>6,780</b>	<b>7,119</b>	<b>7,475</b>	<b>7,849</b>	<b>8,241</b>	<b>43,924</b>	<b>37,296</b>	<b>125,239</b>
Local Tax Funding	44,019	6,460	6,780	7,119	7,475	7,849	8,241	43,924	37,296	125,239
<b>Total Financing</b>	<b>44,019</b>	<b>6,460</b>	<b>6,780</b>	<b>7,119</b>	<b>7,475</b>	<b>7,849</b>	<b>8,241</b>	<b>43,924</b>	<b>37,296</b>	<b>125,239</b>



## General Government

### Water/Wastewater Fund

#### Details:

**Project Number:** C02091

**Election District:** Countywide

**Location:** Countywide

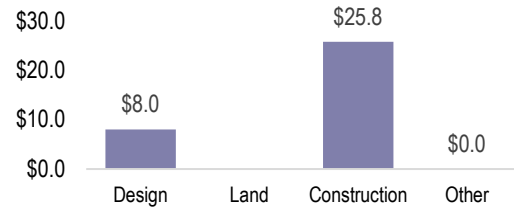
**Completion Year:** Ongoing

**Referendum:** n/a

#### Background:

In 2015, the Board of Supervisors approved the Water and Wastewater Projects Funding Policy which established the Water/Wastewater Fund (Fund). The Fund supports communities experiencing issues with inadequate water and/or wastewater systems by funding feasibility studies, designs, construction costs, and utility connections for at-risk communities throughout the County, based on a community's ability to pay. No operating expenses will be incurred during the six-year CIP planning period.

#### Phase Costs in Millions



#### Project Phase Timeline by FY

	21	22	23	24	25	26
Design						
Land						
Construction						

Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	8,000	-	-	-	-	-	-	-	-	8,000
Construction	-	2,350	2,400	2,450	2,500	2,550	2,600	14,850	10,900	25,750
<b>Total Cost</b>	<b>8,000</b>	<b>2,350</b>	<b>2,400</b>	<b>2,450</b>	<b>2,500</b>	<b>2,550</b>	<b>2,600</b>	<b>14,850</b>	<b>10,900</b>	<b>33,750</b>
Local Tax Funding	8,000	2,350	2,400	2,450	2,500	2,550	2,600	14,850	10,900	33,750
<b>Total Financing</b>	<b>8,000</b>	<b>2,350</b>	<b>2,400</b>	<b>2,450</b>	<b>2,500</b>	<b>2,550</b>	<b>2,600</b>	<b>14,850</b>	<b>10,900</b>	<b>33,750</b>