



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
Consolidated Shops and Warehouse Facility	35,200	3,500	-	-	-	-	-	3,500	-	38,700
County Renovation Program - Government Center	-	500	535	572	612	655	701	3,575	3,331	6,906
County Renovation Program - Renovation Fund	1,000	1,111	6,645	6,725	6,811	6,903	7,001	35,196	29,129	65,325
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
Dam Safety Contingency	-	-	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	8,350	-	-	6,220	-	-	-	6,220	-	14,570
Landfill - Cell Capping	-	-	-	-	-	-	5,010	5,010	-	5,010
Landfill - Debt Service	10,647	2,942	3,600	4,427	4,903	4,764	4,387	25,023	16,261	51,931
Landfill - Infrastructure Improvements	-	-	5,203	700	-	550	610	7,063	550	7,613
Landfill - Sequence 1A Cap	1,500	1,790	-	-	-	-	-	1,790	-	3,290
Landfill Reclamation - Cell R2 Liner	21,480	7,920	-	-	-	-	-	7,920	-	29,400
Selma Estates Flood Mitigation	-	-	8,060	-	-	-	-	8,060	-	8,060
Storm Water Management	44,019	6,460	7,780	8,119	7,475	7,849	8,241	45,924	37,296	127,239
Water/Wastewater Program	8,000	2,350	2,400	2,450	2,500	2,550	2,600	14,850	10,900	33,750
Total – Cost	130,195	36,458	42,223	50,778	140,931	33,399	28,550	332,339	97,467	560,001
Local Tax Funding	63,219	19,766	26,235	37,859	20,786	17,302	17,842	139,790	77,325	280,334
Lease Revenue Financing	47,980	13,710	2,535	1,572	111,742	10,783	701	141,043	3,331	192,354
Cash Proffers	-	40	-	-	3,500	-	-	3,540	-	3,540
Fees (Landfill and Transit)	18,997	2,942	8,803	11,347	4,903	5,314	10,007	43,316	16,811	79,124
Total – Funding Sources	130,195	36,458	42,223	50,778	140,931	33,399	28,550	332,339	97,467	560,001



General Government

Broad Run Farms Waterline Extension

Details:

Project Number: C02323

Election District: Algonkian District

Square Feet: n/a

Location: Broad Run Farms subdivision

Completion Year: FY 2021

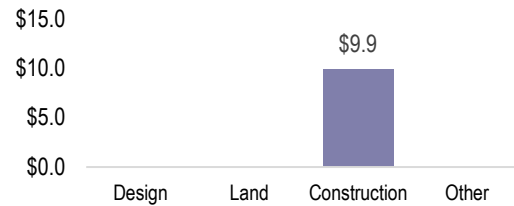
Referendum: n/a

Background:

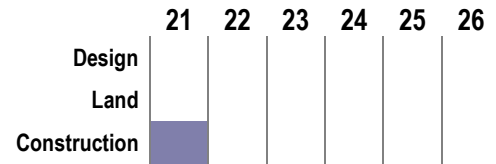
The Hidden Lane Landfill is an Environmental Protection Agency (EPA) Superfund Site in the Broad Run Farms community in Sterling. The Board of Supervisors has authorized an extension of public waterlines throughout the Broad Run Farms subdivision in response to groundwater contamination from the Hidden 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
Total Cost	-	9,885	-	-	-	-	-	9,885	-	9,885
Local Tax Funding	-	9,885	-	-	-	-	-	9,885	-	9,885
Total Financing	-	9,885	-	-	-	-	-	9,885	-	9,885



General Government

Consolidated Shops and Warehouse Facility

Details:

Project Number: C02071

Election District: Catoclin

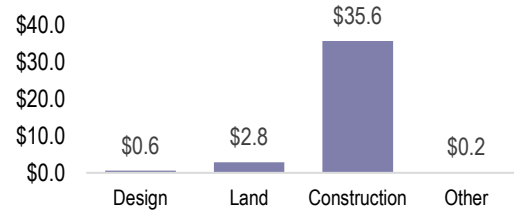
Square Feet: 176,250

Location: 750 & 751 Miller Drive

Estimated Completion Year: FY 2022

Referendum: n/a

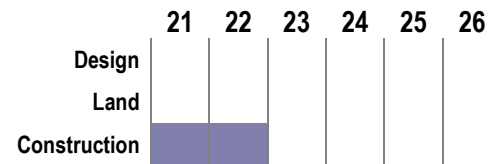
Phase Costs in Millions



Background:

This project provides funding for the development of a Consolidated Shops and Warehouse Facility that will provide storage and warehouse space for all County Government departments in one location. This will eliminate the use of leased warehouse, shop, and storage space spread throughout the County. Based on the County's current Space Plan, the facility located at 751 Miller Drive will provide functional and secure warehousing space for Fire and Rescue Self-Contained Breathing (SCBA) Apparatus, Apparatus up-fitting, Candidate Physical Ability Testing (CPAT), and it will provide enough space for the future Wellness Center.

Project Phase Timeline by FY



The 750 Miller Drive facility will continue to serve Voter Registration and other County departments in addition to providing additional space that can be used by County departments that undergo renovations.

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	57	-	-	-	-	-	-	-	-	57
Land	2,820	-	-	-	-	-	-	-	-	2,820
Construction	32,143	3,500	-	-	-	-	-	3,500	-	35,643
Furniture, Fixtures & Equip	180	-	-	-	-	-	-	-	-	180
Total – Costs	35,200	3,500	-	-	-	-	-	3,500	-	38,700
Local Tax Funding	10,200	-	-	-	-	-	-	-	-	10,200
Lease Revenue Financing	25,000	3,500	-	-	-	-	-	3,500	-	28,500
Total – Funding Sources	35,200	3,500	-	-	-	-	-	3,500	-	38,700

Operating Impacts (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
O&M	-	1,077	1,109	1,142	1,176	1,212	5,715
Debt Service	-	88	346	337	328	319	1,418
Total – Impact	-	1,164	1,454	1,479	1,504	1,531	7,133



General Government

County Renovation Program

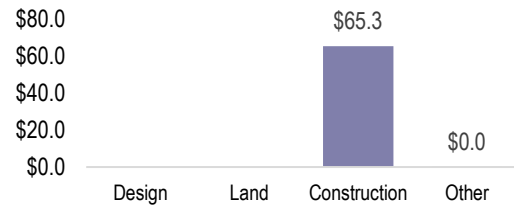
Details:

Project Number: C02268
Election District: Countywide
Square Feet: Varies
Location: Countywide
Completion Year: Ongoing
Referendum: n/a

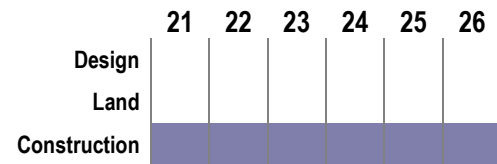
Background:

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.

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	1,000	1,078	6,645	6,725	6,811	6,903	7,001	35,163	29,129	65,292
Personnel	-	33	-	-	-	-	-	33	-	33
Total – Costs	1,000	1,111	6,645	6,725	6,811	6,903	7,001	35,196	29,129	65,325
Local Tax Funding	1,000	1,071	6,645	6,725	6,811	6,903	7,001	35,156	29,129	65,285
Cash Proffers	-	40	-	-	-	-	-	40	-	40
Total – Funding Sources	1,000	1,111	6,645	6,725	6,811	6,903	7,001	35,196	29,129	65,325



General Government

County Renovation Program – Government Center

Details:

Project Number: C02342

Election District: Leesburg

Square Feet: 158,000

Location: 1 Harrison Street SE, Leesburg, VA

Completion Year: Ongoing

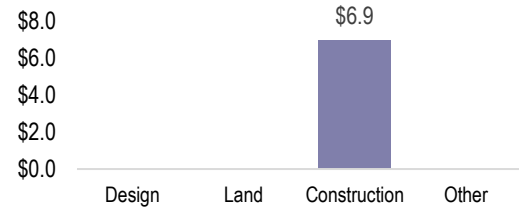
Referendum: n/a

Background:

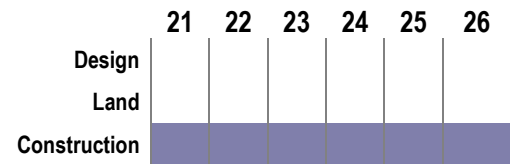
This project will fund ongoing renovations to the Loudoun County Government Center. The County Government work force has grown substantially, and, in addition to general renovation needs due to age, the facility will need to undergo continued renovations as departments continue to add more employees to maintain current service levels.

Beginning with the FY 2022 Proposed Budget, all *County Renovation Program* sub-projects will now be displayed with their own CIP project pages. Previously, these projects were displayed together on one page.

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		500	535	572	612	655	701	3,575	3,331	6,906
Total – Costs	-	500	535	572	612	655	701	3,575	3,331	6,906
Lease Revenue Financing		500	535	572	612	655	701	3,575	3,331	6,906
Total – Funding Sources	-	500	535	572	612	655	701	3,575	3,331	6,906

Operating Impacts (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	13	65	123	181	245	628
Total – Impact	-	13	65	123	181	245	628



General Government

County Renovation Program – Shenandoah Building

Details:

Project Number: C02396

Election District: Leesburg

Square Feet: 76,000

Location: 102 Heritage Way NE, Leesburg, VA

Completion Year: FY 2024

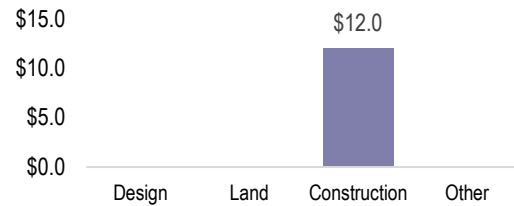
Referendum: n/a

Background:

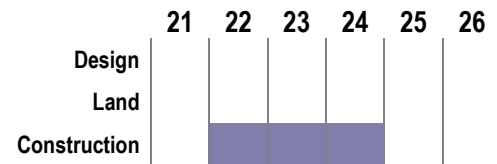
This project funds the full renovation of the Shenandoah Office Building in Leesburg. The project will include three-year phased renovations to each floor of the building, with final completion expected in FY 2024. Total funding for this project is \$12 million.

Beginning with the FY 2022 Proposed Budget, all County Renovation Program sub-projects will now be displayed with their own CIP project pages. Previously, these projects were displayed together on one page.

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	-	-	4,000	4,000	4,000	-	-	12,000	-	12,000
Total – Costs	-	-	4,000	4,000	4,000	-	-	12,000	-	12,000
Local Tax Funding	-	-	4,000	4,000	4,000	-	-	12,000	-	12,000
Total – Funding Sources	-	-	4,000	4,000	4,000	-	-	12,000	-	12,000



General Government

County Renovation Program – Waterford Space

Details:

Project Number: C02395

Election District: Catoclin

Square Feet: 15,143

Location: 39820 Charles Town Pike, Waterford, VA

Completion Year: FY 2022

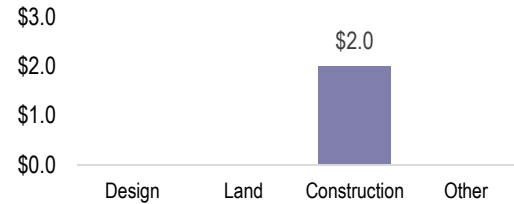
Referendum: n/a

Background:

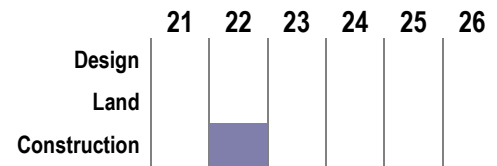
This project funds the renovation of up to 15,143 square-feet at the former Animal Shelter in Waterford as office space for Extension Services and Economic Development's Agricultural Business program. The expected completion date is FY 2022. Total funding for this project is \$2 million.

Beginning with the FY 2022 Proposed Budget, all County Renovation Program sub-projects will now be displayed with their own CIP project pages. Previously, these projects were displayed together on one page.

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	-	-	2,000	-	-	-	-	2,000	-	2,000
Total – Costs	-	-	2,000	-	-	-	-	2,000	-	2,000
Lease Revenue Financing	-	-	2,000	-	-	-	-	2,000	-	2,000
Total – Funding Sources	-	-	2,000	-	-	-	-	2,000	-	2,000

Operating Impacts (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	50	198	193	188	183	810
Total – Impact	-	50	198	193	188	183	810



General Government

Dam Safety Contingency

Details:

Project Number: C02407

Election District: Countywide

Estimated Completion Year: n/a

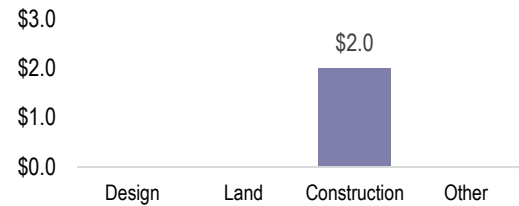
Referendum: n/a

Background:

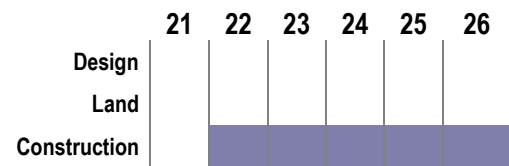
Over 130 dams listed in the Virginia Dam Safety Inventory are in Loudoun County. Of the 130 Loudoun County dams, 24 are classified as being a high or significant hazard, and over 70% are classified as an "unknown" hazard. Most of the dams are owned by private entities, such as HOAs or corporations, but there are several dams that have unknown ownership, while others have full or partial County ownership. Dams require consistent long-term maintenance to ensure they are operating safely.

As dams with unknown or County ownership continue to age, there is a need for engineering design and construction rehabilitation funding for those dams which may require maintenance or pose a public safety risk. Additionally, the County also has ownership of multiple stormwater management ponds that are maintained using funds from the Storm Water Management capital project. This contingency would fund emergency repairs, as needed, to ensure that these dams are maintained to protect public safety and property. This project was added during the FY 2022 budget development process to support a request from the Board of Supervisors and the Department of General Services.

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	-	-	2,000	-	-	-	-	2,000	-	2,000
Total – Costs	-	-	2,000	-	-	-	-	2,000	-	2,000
Local Tax Funding	-	-	2,000	-	-	-	-	2,000	-	2,000
Total – Funding Sources	-	-	2,000	-	-	-	-	2,000	-	2,000



General Government

Eastern Services Center

Details:

Project Number: n/a

Election District: n/a

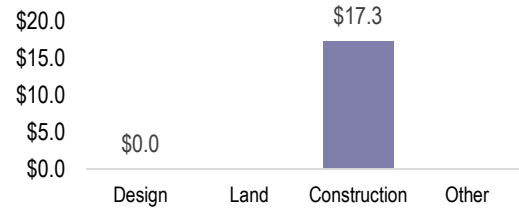
Square Feet: 60,000

Location: n/a

Estimated Completion Year: FY 2025

Referendum: n/a

Phase Costs in Millions

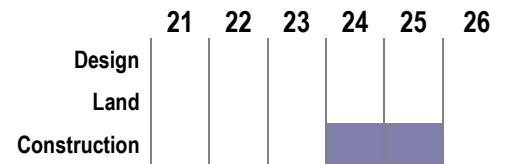


Background:

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
Construction	-	-	-	-	17,250	-	-	17,250	-	17,250
Total – Costs	-	-	-	-	17,250	-	-	17,250	-	17,250
Lease Revenue Financing	-	-	-	-	13,750	-	-	13,750	-	13,750
Cash Proffers	-	-	-	-	3,500	-	-	3,500	-	3,500
Total – Funding Sources	-	-	-	-	17,250	-	-	17,250	-	17,250

Operating Impacts (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Staffing	-	-	-	121	125	128	374
O&M	-	-	-	443	400	412	1,256
Debt Service	-	-	-	172	852	1,343	2,367
Total – Impact	-	-	-	736	1,377	1,884	3,997



General Government

General Government Office Space – Sycolin Road Phase I

Details:

Project Number: n/a

Election District: Catoclin

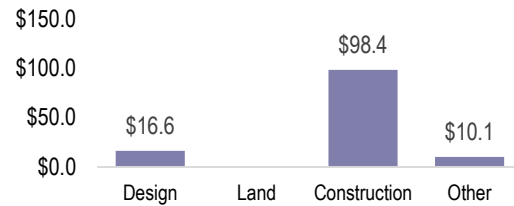
Square Feet: 150,000

Location: Government Support Center site on Sycolin Road

Estimated Completion Year: FY 2030

Referendum: n/a

Phase Costs in Millions



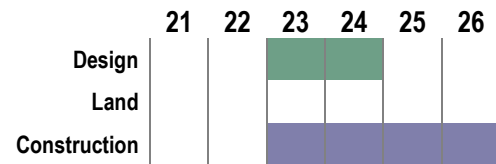
Background:

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
Total – Costs	-	-	-	17,565	97,380	10,128	-	125,073	-	125,073
Local Tax Funding	-	-	-	16,565	-	-	-	16,565	-	16,565
Lease Revenue Financing	-	-	-	1,000	97,380	10,128	-	108,508	-	108,508
Total – Funding Sources	-	-	-	17,565	97,380	10,128	-	125,073	-	125,073

Operating Impacts (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
O&M	-	-	-	-	-	1,108	1,108
Debt Service	-	-	-	-	135	717	851
Total – Impact	-	-	-	-	135	1,824	1,959



General Government

Landfill – Construction Demolition Debris Cell A2 Liner

Details:

Project Number: C02231

Election District: Catoclin

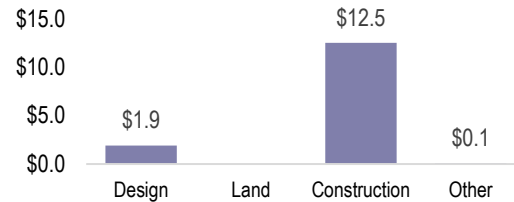
Acreage: approximately 8

Location: Loudoun County Landfill

Estimated Completion Year: Ongoing

Referendum: n/a

Phase Costs in Millions

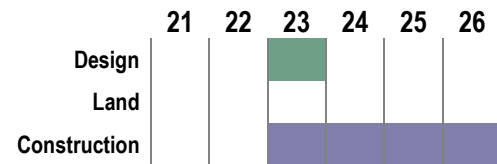


Background:

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 operational resources are required for the CDD Unit permitting and Cell Area 2 construction project.

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
Planning	1,080	-	-	-	-	-	-	-	-	1,080
Owner Costs	13	-	-	-	-	-	-	-	-	13
Construction	7,170	-	-	5,370	-	-	-	5,370	-	12,540
Furniture, Fixtures & Equip	87	-	-	-	-	-	-	-	-	87
Total – Costs	8,350	-	-	6,220	-	-	-	6,220	-	14,570
Fees (Landfill and Transit)	8,350	-	-	6,220	-	-	-	6,220	-	14,570
Total – Funding Sources	8,350	-	-	6,220	-	-	-	6,220	-	14,570



General Government

Landfill – Cell Capping

Details:

Project Number: C02391

Election District: Catoctin

Location: Loudoun County Landfill

Completion Year: Ongoing

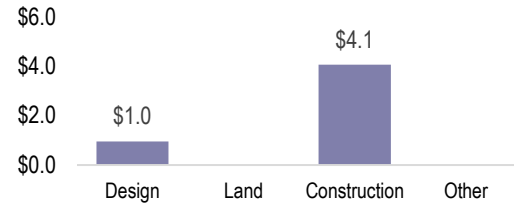
Referendum: n/a

Background:

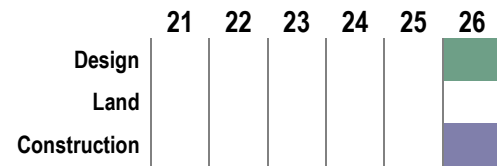
This ongoing project consists of the design and construction of erosion and sediment controls, fine grading, and installation of a permanent synthetic cap over landfill cells which have been filled to capacity, per approved permit conditions. Closure operations and maintenance costs include maintenance of closed, lined, and capped disposal space, erosion control features and environmental monitoring in accordance with approved permit conditions, closure plan requirements, and state regulations.

The Department of General Services manages the Loudoun County Solid Waste Management Facility (Landfill). The capping project is funded through landfill fees as recommended by the annual Landfill Disposal Operations Financial Analysis. No additional operational resources are required for the capping 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	-	-	-	-	-	-	950	950	-	950
Construction	-	-	-	-	-	-	4,060	4,060	-	4,060
Total – Costs	-	-	-	-	-	-	5,010	5,010	-	5,010
Fees (Landfill and Transit)	-	-	-	-	-	-	5,010	5,010	-	5,010
Total – Funding Sources	-	-	-	-	-	-	5,010	5,010	-	5,010



General Government

Landfill – Infrastructure Improvements

Details:

Project Number: C02390

Election District: Catoclin

Location: Loudoun County Landfill

Completion Year: Ongoing

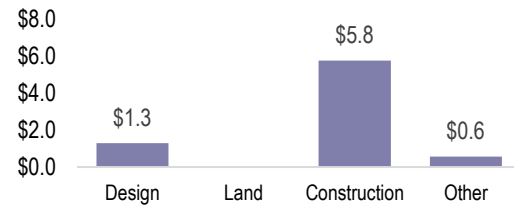
Referendum: n/a

Background:

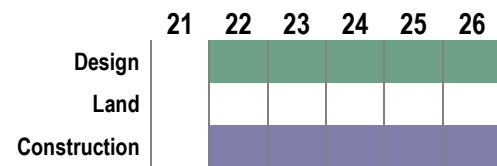
This project consists of ongoing improvements to the infrastructure of the County Landfill. The existing infrastructure consists of legacy structures and features that do not safely or efficiently handle the number of customers or volume of waste and recycling materials delivered to the site daily. Additionally, as the landfill cells are filled and the facility grows, the gas control system and the stormwater management system must be continuously improved to handle additional site-wide gas generation and stormwater flow.

This project consists of improvements to include separating residential from commercial traffic with the addition of commercial only scales, convenience center improvements including grade separation, acquisition of compactor containers, entrance realignment and roadway improvements, stormwater management system improvements, landfill gas and odor control system improvements, and the relocation of the wheel washing facility. This project is anticipated to be phased over a multi-year period utilizing contracted services.

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	-	-	770	165	-	135	80	1,150	135	1,285
Construction	-	-	3,890	535	-	415	500	5,340	415	5,755
Furniture, Fixtures & Equip	-	-	543	-	-	-	30	573	-	573
Total – Costs	-	-	5,203	700	-	550	610	7,063	550	7,613
Fees (Landfill and Transit)	-	-	5,203	700	-	550	610	7,063	550	7,613
Total – Funding Sources	-	-	5,203	700	-	550	610	7,063	550	7,613



General Government

Landfill Reclamation – Cell R2 Liner

Details:

Project Number: C00214

Election District: Catoclin

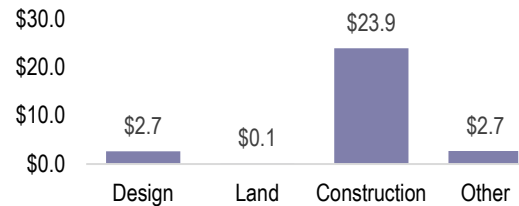
Acreage: approximately 9

Location: Loudoun County Landfill

Estimated Completion Year: Ongoing

Referendum: n/a

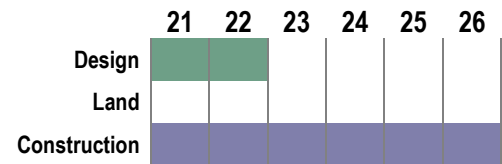
Phase Costs in Millions



Background:

This reclamation project is a voluntary remediation of the oldest, unlined portion of the County Landfill, which is 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 most costs associated with the project.

Project Phase Timeline by FY



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.

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	1,800	850	-	-	-	-	-	850	-	2,650
Utility Relocation	120	-	-	-	-	-	-	-	-	120
Construction	16,868	7,070	-	-	-	-	-	7,070	-	23,938
Furniture, Fixtures & Equip	2,532	-	-	-	-	-	-	-	-	2,532
Personnel	160	-	-	-	-	-	-	-	-	160
Total – Costs	21,480	7,920	-	-	-	-	-	7,920	-	29,400
Lease Revenue Financing	21,480	7,920	-	-	-	-	-	7,920	-	29,400
Total – Funding Sources	21,480	7,920	-	-	-	-	-	7,920	-	29,400

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



General Government

Landfill Sequence IA Cap

Details:

Project Number: C02249

Election District: Catoctin

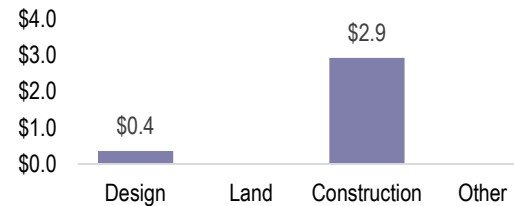
Acreage: approximately 20

Location: Loudoun County Landfill

Estimated Completion Year: FY 2022

Referendum: n/a

Phase Costs in Millions

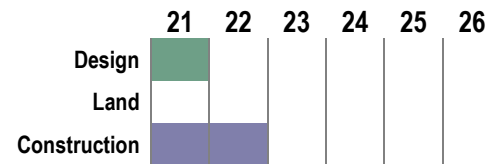


Background:

This project consists of the 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.

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		360	-	-	-	-	-	360	-	360
Construction	1,500	1,430	-	-	-	-	-	1,430	-	2,930
Total – Costs	1,500	1,790	-	-	-	-	-	1,790	-	3,290
Lease Revenue Financing	1,500	1,790	-	-	-	-	-	1,790	-	3,290
Total – Funding Sources	1,500	1,790	-	-	-	-	-	1,790	-	3,290

Operating Impacts (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	-	330	321	313	305	1,269
Total – Impact	-	-	330	321	313	305	1,269



General Government

Selma Estates Flood Mitigation

Details:

Project Number: C02393

Election District: Catoclin

Square Feet: n/a

Location: Selma Estates community

Completion Year: FY 2023

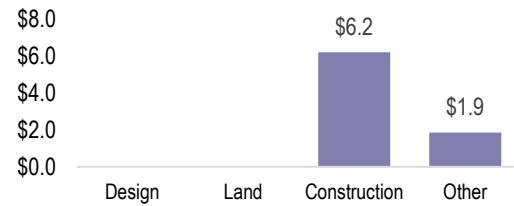
Referendum: n/a

Background:

This project funds the County's local match for a Federal Emergency Management Agency (FEMA) Flood Mitigation Assistance grant. If awarded, the grant would fund a buy-out program for eligible homes in the Selma Estates community. The County has applied for the FEMA grant to mitigate the repetitive flood damage to homes that were built within the FEMA-defined Special Flood Hazard Area. To receive the FEMA grant, the County must commit to providing local matching funds, which are allocated through this capital project. Additionally, this project also includes contingency funding, which is not an allowable expenditure to be funded by the FEMA grant.

The County will be notified if its FEMA grant application is successful by January 2022.

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
Construction	-	-	6,200	-	-	-	-	6,200	-	6,200
Contingency	-	-	1,860	-	-	-	-	1,860	-	1,860
Total – Costs	-	-	8,060	-	-	-	-	8,060	-	8,060
Local Tax Funding	-	-	3,410	-	-	-	-	3,410	-	3,410
Other Federal Grants	-	-	4,650	-	-	-	-	4,650	-	4,650
Total – Funding Sources	-	-	8,060	-	-	-	-	8,060	-	8,060



General Government

Storm Water Management

Details:

Project Number: C00003

Election District: Countywide

Square Feet: n/a

Location: Countywide

Completion Year: Ongoing

Referendum: n/a

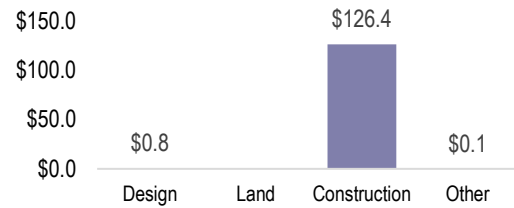
Background:

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.

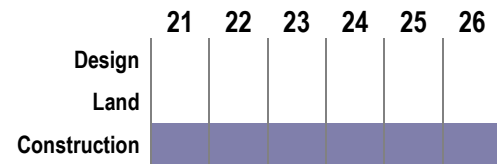
These capital funds support the restoration and management of storm water infrastructure that the County has identified in the storm water management strategic plan. This project provides funding to meet storm water management programmatic needs, partially restore the older sections of the system, address 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 for all states in the Chesapeake Bay watershed. 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. Project funding was increased during the FY 2022 budget development process for FY 2022 and FY 2023 to accommodate anticipated property acquisition costs.

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	774	-	-	-	-	-	-	-	-	774
Construction	43,145	6,460	7,780	8,119	7,475	7,849	8,241	45,924	37,296	126,365
Payments to State	100	-	-	-	-	-	-	-	-	100
Total – Costs	44,019	6,460	7,780	8,119	7,475	7,849	8,241	45,924	37,296	127,239
Local Tax Funding	44,019	6,460	7,780	8,119	7,475	7,849	8,241	45,924	37,296	127,239
Total – Funding Sources	44,019	6,460	7,780	8,119	7,475	7,849	8,241	45,924	37,296	127,239



General Government

Water/Wastewater Program

Details:

Project Number: C02091

Election District: Countywide

Location: Countywide

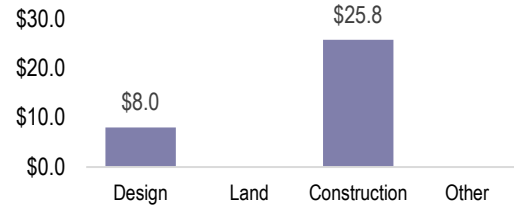
Completion Year: Ongoing

Referendum: n/a

Background:

In 2015, the Board of Supervisors approved the Water and Wastewater Projects Funding Policy, which established the Water/Wastewater Program (Program). The Program 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
Total Cost	8,000	2,350	2,400	2,450	2,500	2,550	2,600	14,850	10,900	33,750
Local Tax Funding	8,000	2,350	2,400	2,450	2,500	2,550	2,600	14,850	10,900	33,750
Total Financing	8,000	2,350	2,400	2,450	2,500	2,550	2,600	14,850	10,900	33,750