



DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES

# CAPITAL CONSTRUCTION FY 2023 COMPLETED PROJECTS







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CAPITAL CONSTRUCTION

**FY 2023 COMPLETED PROJECTS**



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**Front Cover Top (l-r):** Rock Hill Road Walkway, Mt Vernon Memorial Highway Trail, Lorton Community Center, Merrifield Fire Station, Piney Run at Lake Werowance

**Front Cover Bottom (l-r):** Countywide Streetlight Project, Courtroom Renovations Phase III, Police Heliport



## MESSAGE FROM THE DIRECTOR



All around us, we are surrounded by critical public infrastructure that is essential to maintaining our quality of modern life in an urban area. Infrastructure seen and unseen conveys and treats our stormwater runoff and our sewage to protect our health and our shared natural resources. We move safely on roads, sidewalks, bridges, and trails. We use and rely on the services provided by people who work in all types of public building: police stations, fire stations, libraries, courthouses, recreation centers, and community centers.

Every minute of every day, employees in the Department of Public Works and Environmental Services are working as one department to create and preserve a sustainable Fairfax County. Just as we are always at work, the public infrastructure we build with our partner agencies is always at work meeting the needs of the people of Fairfax County.

We take immense pride in our role planning, designing and constructing the County's Capital Improvement Program. In Fiscal Year 2023, our Capital Facilities team completed 73 capital projects detailed in this publication representing a reinvestment of \$173,829,607 approved by the Board of Supervisors into award-winning infrastructure critical to the success and sustainability of Fairfax County.

These public assets require intense, prolonged work by a talented multi-disciplinary team of experts who must constantly adjust to unforeseeable conditions, supply chain challenges, and a shortage of qualified staff resources. Not only have they conquered these obstacles once again, but also, they have realized the County's commitment to sustainability in the built environment by achieving the County's first LEED Platinum level green building in addition to more than 40 other LEED certified projects in our inventory and continuing to strengthen our commitment to Envision certification for horizontal infrastructure projects.

I am exceptionally proud of the work done by our Capital Facilities team to ensure that Fairfax County remains a great place to live, work, and play, by providing safe, sustainable, and reliable infrastructure. Please join me in thanking them for yet again exemplifying the highest goals of public service.

A handwritten signature in black ink that reads "Christopher Herrington". The signature is fluid and cursive.

**Christopher Herrington, Director**  
**Department of Public Works and Environmental Services**









# **SECTION 1**

## **ORGANIZATIONAL OVERVIEW**



# INTRODUCTION

## Department of Public Works and Environmental Services

***DPWES is a multi-faceted agency providing the county, its residents, and the companies that do business here with a wide range of services. Those services include construction of many roads and utilities, construction of most county facilities and infrastructure, and enforcement of state and local codes pertaining to building construction, land development and waste management. DPWES' Mission is "As one department, create and preserve a sustainable community."***

*Christopher S. Herrington, Director, DPWES*

*Emma Gutzler, Assistant Director, DPWES*

*Anthony Blake, Human Resources Manager, DPWES*

*Carey F. Needham, Deputy Director & Contracting Officer, DPWES, Capital Facilities*

*Eric Forbes, Deputy Director, DPWES, Solid Waste Management*

*Ellie Coddling, Deputy Director, DPWES, Stormwater & Wastewater Management*

**DPWES** is composed of four business areas: Capital Facilities, Solid Waste Management, Stormwater Management, and Wastewater Management. Working together, each business area plays a vital role in building and maintaining healthy, safe, and environmentally responsible communities in Fairfax County. DPWES also partners with the Fairfax County Department of Transportation (DOT) by providing land acquisition, and construction management services for the transportation infrastructure designed by DOT's Transportation Design Division.

### **Capital Facilities**

*Tiya Raju, Director, Building Design and Construction Division*

*Vincent Martucci, Director, Utilities Design and Construction Division*

*Magdi Imbabi, Director, Wastewater Design and Construction Division*

*Dennis Cate, Director, Land Acquisition Division*

**MISSION** - To provide Fairfax County with quality, cost-effective buildings, and infrastructure in a safe, timely, and environmentally sound manner.

**Capital Facilities** supports the planning, design, land acquisition, and construction services for the implementation of county capital construction projects such as libraries, courts, police, and fire stations. Capital Facilities is also responsible for the implementation of infrastructure improvement projects, such as streetlight projects, sanitary sewer extensions, sanitary pump stations, pollution control plant expansions/upgrades, and the land acquisition and construction management of transportation and stormwater projects.



## DPWES BUSINESS AREAS

### *Solid Waste Management Programs*

*Hans Christensen, Director, Solid Waste Operations Division*

*Matt Adams, Director, Recycling, Engineering & Environmental Compliance Division*

**MISSION** - To protect the public interest through solid waste management planning and regulatory oversight of the county's refuse ordinances. We provide efficient and effective collection, recycling, and disposal of solid waste for our customers in an environmentally responsible manner.

**Solid Waste Management Program** is responsible for managing the collection, recycling, and disposal of the more than 1.4 million tons of trash and recyclables generated in Fairfax County each year. Solid Waste Management has implemented programs that allow the county's recycling rate to far exceed state requirements. Most non-recyclable waste is used to produce electricity at a waste-to-energy facility in Lorton. Landfill gas, generated from the county's two closed landfill sites, is collected and utilized as an alternative heating fuel and energy source.

### *Stormwater Programs*

*Joni Calmbacher, Director, Stormwater Planning Division*

*Chad Crawford, Director, Maintenance and Stormwater Management Division*

*Brian Keightley, Director, Urban Forest Management Division*

**MISSION** - To develop and maintain a comprehensive watershed and infrastructure management program to protect property, health, and safety, to enhance the quality of life, and to preserve and improve the environment for the benefit of the public.

**Stormwater Management** is responsible for the county's stormwater and designated transportation infrastructure provides support for emergency response during flooding and snowstorms.

### *Wastewater Programs*

*Shahram Mohsenin, Director, Wastewater Planning and Monitoring Division*

*Shwan Fatah, Director, Wastewater Collection Division*

*Michael McGrath, Director, Wastewater Treatment Division*

**MISSION** - To safely collect and treat wastewater in compliance with all regulatory requirements using state-of-the-art technology in the most cost-effective manner in order to improve the environment and enhance the quality of life in Fairfax County.

**Wastewater Management** includes wastewater collection and conveyance, wastewater treatment, and planning and monitoring program areas. The primary functions are to strategically plan, efficiently operate, and effectively maintain the wastewater system in the best interest of the county and its customers.

## DPWES BUSINESS AREAS

*DPWES also partners with the DOT by providing the land acquisition and construction management for the transportation infrastructure designed by DOT's Transportation Design Division.*

### Fairfax County Department of Transportation

*Vacant, Director, Department of Transportation*

*Wesley T. Minnix, Division Chief, Transportation Design Division*

**MISSION** - To plan, coordinate, fund, implement, and sustain a multi-modal transportation system for Fairfax County that moves people and goods, consistent with the values of the community.

**Transportation Design Division** is responsible for the planning and design of transportation infrastructure related improvements to effectively and efficiently enhance, supplement, and improve the mobility of people and goods throughout Fairfax County. Land acquisition and construction management services are provided by DPWES for transportation projects designed by the Transportation Design Division. DPWES and the Transportation Design Division work in partnership to deliver transportation projects throughout Fairfax County.



## PEOPLE BEHIND THE PROJECTS



### Capital Facilities

*Administration, Building Design and Construction Division, Utilities Design and Construction Division, Wastewater Design and Construction Division, Land Acquisition Division*



### Stormwater Management

*Stormwater Planning Division, Maintenance and Stormwater Management Division*



### Wastewater Management

*Wastewater Collection Division, Wastewater Treatment Division*

## PEOPLE BEHIND THE PROJECTS



### Solid Waste Management

*Solid Waste Operations Division, Recycling, Engineering and Environmental Compliance Division*



### Department of Transportation

*Transportation Design Division*









**SECTION 2**  
SUSTAINABLE  
DEVELOPMENT PROGRAM



## INTRODUCTION

**Environmentally Sustainable Design** is the process of design and construction of objects, including buildings, that places special consideration on reducing the negative impact on the environment. In building projects, the emphasis is placed on optimizing the building performance, thereby contributing positively to the health and comfort of the building occupants and minimizing the environmental impact. The basic objectives of sustainability in both vertical and horizontal construction projects are to reduce carbon emissions, reduce consumption of non-renewable resources, minimize waste, create healthy and productive environments, and comply with the principles of social, economic, and ecological sustainability.

In February 2008, the Fairfax County Board of Supervisors (BOS) adopted a Sustainable Development Policy (Policy) for county capital facilities projects. The Policy established the Leadership in Energy and Environmental Design (LEED®) program and rating system administered by the US Green Building Council (USGBC), as the standard for the design, construction, renovation, and operation of county facilities. Applicable to building development projects undertaken by Fairfax County, the Policy demonstrated the commitment to environmental, economic, and social stewardship through sustainable development practices. The Policy set the goal of LEED® Silver Certification level for projects over 10,000 square feet and established LEED® Certification Level as a goal for projects between 2,500 to 10,000 SF. Since the adoption of the 2008 Policy, the county has made great progress in all areas of sustainability and has exceeded the Policy goals with over 43 LEED® certified buildings, 18 of which are Gold Certified Projects, and one Platinum Certified Project.

In September 2020, the Board adopted an updated policy which further strengthened the sustainability goals by increasing the minimum LEED certification target to Gold, encouraging solar and electric vehicle (EV)-readiness components, and emphasizing renewable energy with either on-site generation or supplemental off-site generation. In addition, the 2020 policy set incremental energy performance improvement and Greenhouse Gas (GHG) emissions reduction targets, with a goal of transitioning to Net Zero Energy (NZE) eligibility by no later than FY 2031.

In July 2021, following its adoption of the Carbon Neutral Counties Declaration, the board further strengthened its green building policy as part of its adoption of the 2021 Operational Energy Strategy. The 2021 policy retains the requirement of LEED Gold from the 2020 update but replaces the minimum energy performance improvement criteria and multi-year transition to NZE with an NZE standard for new construction and major renovations and provisions regarding building electrification.

In addition, the 2021 green building policy reiterates the commitment to an ongoing program for monitoring and analysis of actual building energy performance data; identifying existing buildings as priority candidates for systems recommissioning; recommissioning of priority buildings with initial focus on buildings previously certified by LEED; and for more proactive management of building systems and controls. This commitment helps ensure that new and renovated buildings or facilities perform as intended, designed, and constructed.



## SUSTAINABLE DEVELOPMENT PROGRAM

As the lead agency for the implementation of the Capital Improvement Program in the county, DPWES continues to apply the Policy and the principles in building, stormwater, and wastewater projects and programs. DPWES is working in close collaboration with the Office of Environmental and Energy Coordination to implement approved updates to the Operational Energy Strategy which strengthen the Policy criteria and is committed to continue our implementation of the Board's Environmental Agenda through creative, cost-effective solutions.

### CAPITAL FACILITIES

Capital Facilities applies sustainable design and construction principles and strategies in the development of capital projects. The County's green building policy is intended to reduce the consumption of non-renewable resources, reduce greenhouse gas emissions, minimize waste, and foster healthy, productive environments. Capital Facilities implements a variety of strategies across different aspects of its projects.

Site strategies include reducing parking footprint to minimize environmental impacts and evaluating alternate transportation options and parking reduction during project site design. Low Impact Development (LID) and green infrastructure techniques are employed to reduce rainwater runoff volume and enhance water quality, replicating natural hydrology. Early design analysis includes strategies like bioswales, dry ponds, and infiltration trenches to surpass minimum code requirements for stormwater management.

Strategies to reduce energy demand include setting design and energy goals, appropriate building sizing, utilizing passive design opportunities, optimizing the building envelope, and implementing advanced energy metering for real-time consumption data. Efforts for energy efficiency involve installing high-performance building systems, specifying Energy Star Certified appliances, utilizing energy simulation software, and monitoring and verifying building performance through commissioning. Renewable energy initiatives aim to analyze projects for solar feasibility and maximize solar panel installation. Post-occupancy, continuous and retro commissioning ensures performance alignment and promotes energy-efficient practices among occupants.

Water conservation strategies, evaluated early in the design process, include specifying low-flow fixtures for showers, toilets, and faucets. Rainwater harvesting feasibility is assessed for non-potable uses like irrigation. Wastewater reuse strategies are considered for projects in early design stages. Projects adhere to the County's natural landscaping policy, aiming to minimize resource consumption, reduce stormwater runoff, enhance habitat value, and improve soil and plant health. The use of natural landscaping and native species reduces the need for irrigation, and early feasibility studies for green roofs are integrated into each project scope to minimize HVAC costs and reduce heat island effect and stormwater runoff.

Green buildings prioritize indoor environmental quality, benefiting occupants' health, comfort, and overall well-being. Guidelines mandate the use of low

## SUSTAINABLE DEVELOPMENT PROGRAM

volatile organic compound (VOC) products. Green cleaning practices, employing eco-friendly products, aim to minimize negative impacts and protect employees' health. All new projects prioritize optimizing natural daylighting strategies to enhance indoor lighting quality, contributing to increased productivity and reduced absenteeism while enhancing overall building value.

Sustainably produced materials and waste management strategies are embraced for minimizing embodied energy and reducing environmental impacts throughout the building lifecycle. Project requirements prioritize locally sourced materials, and project teams are tasked with implementing waste management plans to minimize landfill and incineration disposal by recovering, reusing, and recycling materials.

All qualifying projects are registered with the US Green Building Council (USGBC) for certification under the LEED® rating system at the early phases of building design. Since the inception of the sustainability program, 43 capital projects have received certifications shown below:

- LEED® certifications by USGBC – Total of 43 projects
  - » **Certified** -1
  - » **Silver Certifications** - 23
  - » **Gold Certifications** - 18
  - » **Platinum Certifications** - 1
- ENERGY STAR rated - 1
- Green Building Initiative, Green Globes Program- 2

In addition to the LEED® program, Capital Facilities is pursuing multiple additional **sustainability initiatives**, that demonstrate positive energy and environmental impact. These include the following:

- **Envision Sustainable Infrastructure Rating System**  
The Envision sustainable infrastructure rating system by Institute for Sustainable Infrastructure, assesses sustainability in the categories of Quality of Life, Leadership, Natural World, Resource Allocation, and Climate and Resilience. Meeting requirements in these key areas contribute to positive social, economic and environmental impacts on a community during the planning, design and construction of infrastructure projects.
- **Parksmart Certification Program**  
Parksmart certification program defines, measures, and recognizes high-performing, sustainable garages, encouraging innovative, solutions-oriented strategies in the design, construction and operations of parking garages and structures.

These initiatives, together with the LEED® program, promote sustainable practices that benefit the community and our built environment.







# **SECTION 3**

## **COMPLETED PROJECTS**





## INTRODUCTION

The construction projects contained in this report have been substantially completed in FY 2023. Substantial completion means that the facility can be utilized by the agency for which it was constructed even though some minor work may remain or the project is still in the warranty period. The majority of expenditures are included for the projects, but as warranty and final work is completed, there may be additional expenditures processed after this publication.

During FY 2023, DPWES administered numerous A/E and construction contracts, directed miscellaneous construction service contracts awarded by the Department of Procurement and Material Management, and monitored 13 construction funds with FY 2023 appropriations of \$569,240,816.

Detailed project information including scope and cost can be found in this section. The cost breakdown for each project is identified in five major categories:

### Land Acquisition:

Land acquisition and dedication, permanent and temporary easements, right-of-way, land preparation, other land-related costs: land appraisal, legal fees, title, advertisement, and Work Performed for Others for Land Acquisition staff.

### Design:

Outside consultant costs for architecture and engineering, geotechnical, and Work Performed for Others (staff charges) during design phase.

### Permits/Fees:

Costs of inspections and all permits required for construction.

### Construction:

Bid amount, change orders, IT costs, temporary facilities costs including lease cost of land, Work Performed for Others (DPWES staff only – not consultant costs; those are typically in “design” as part of the overall A/E contract), legal fees related to construction, and other construction-related costs including survey, demolition costs, and furniture/equipment.

### Utilities:

Utility costs associated with the project construction, paid to utility companies for service on relocation as needed.



## SUMMARY LIST OF COMPLETED PROJECTS

PROJECT NAME	PROJECT #	COST	DISTRICT	PAGE
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### FUND 300-C30010 GENERAL CONSTRUCTION & CONTRIBUTIONS

Countywide Streetlight Projects in Fiscal Year 2023	2G25-024-000	\$738,891.00	Countywide	22
Laurel Hill Adaptive Reuse	2G25-098-000	\$4,475,000.00	Mount Vernon	23
Hybla Valley Community Center	CC-000022-001	\$2,084,783.01	Franconia	24
Lorton Community Center	HS-000020-001	\$17,815,816.36	Mount Vernon	25

### FUND 300-C30015 ENVIRONMENTAL AND ENERGY

LED Streetlight Conversion Project 2023	GF-000065-001	\$4,811,145.65	Countywide	26
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### FUND 300-C30030 LIBRARY CONSTRUCTION

Lorton Community Library	LB-000013-001	\$7,631,791.36	Mount Vernon	27
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### FUND 300-C30050 TRANSPORTATION IMPROVEMENTS

TCP - Wetherburn Drive	2G25-076-035	\$139,799.41	Sully	28
TCP - Bangor Drive & Fairhaven Avenue	2G25-076-060	\$39,587.91	Mount Vernon	29
TCP - Memorial Street	2G25-076-063	\$27,823.40	Mount Vernon	30
TCP - Peabody Drive	2G25-076-064	\$31,634.13	Dranesville	31
TCP - Old Dairy Road	2G25-076-065	\$31,018.69	Sully	32
Monroe Street and Sunrise Valley Drive Intersection Improvements	2G40-086-014C	\$1,453,727.61	Hunter Mill	33
Mount Vernon Memorial Highway Trail	2G40-088-026	\$9,366,991.10	Mount Vernon	34
Lisle Avenue Walkway	2G40-088-044	\$805,860.87	Dranesville	35
Rock Hill Road Walkway	2G40-088-062	\$1,593,735.00	Dranesville	36
Route 50 Walkway (Chichester Ln to Cedar Ln)	2G40-088-076	\$931,802.05	Providence	37
Arlington Blvd/Stonehurst Dr Pedestrian Upgrades	2G40-088-079B	\$250,000.00	Providence	38
Pole Road Crosswalk Improvements	2G40-088-083	\$271,498.41	Mount Vernon	39

## SUMMARY LIST OF COMPLETED PROJECTS

PROJECT NAME	PROJECT #	COST	DISTRICT	PAGE
Cedar Lane Pedestrian Improvements	2G40-088-084	\$165,959.83	Providence	40
Lincolnia Road Sidewalk and Spot Improvements	5G25-060-048	\$817,302.69	Mason	41
Richmond Hwy NB at Woodlawn Trail (Stop ID #00953)	CR-000007-004	\$43,919.12	Mount Vernon	42
Chain Bridge Road NB at Brawner Street (Stop ID #5001687)	CR-000007-005	\$40,015.47	Dranesville	43
Westmoreland Street and Hopewood Drive Intersection Improvements	ST-000005-005	\$123,397.47	Dranesville	44
Fox Mill Road Walkway from Fairfax County Parkway to Fox View Way	ST-000036-009	\$1,724,263.93	Hunter Mill	45
Kirby Road Walkway (Chesterbrook Elementary School to Halsey Road)	ST-000036-010	\$1,190,431.38	Dranesville	46
Kirby Road Walkway (Halsey Road to Franklin Avenue)	ST-000036-011	\$1,554,694.11	Dranesville	47
Mount Vernon Trail Restoration	ST-000050-004	\$4,069.36	Mount Vernon	48

### FUND 300-C30070 PUBLIC SAFETY CONSTRUCTION

Adult Detention Center - 2018; West HW Plant	AD-000002-004	\$4,464,321.18	Providence	49
Courtroom Renovations Bid Package A	CF-000003-001	\$11,752,356.34	Providence	50
Courtroom Renovations - Phase III	CF-000003-002	\$5,896,903.62	Providence	51
Merrifield Fire Station	FS-000013-001	\$8,279,608.52	Providence	52
Edsall Road Fire Station	FS-000017-001	\$10,758,236.76	Mason	53
Police Heliport	PS-000010-001	\$13,196,944.15	Springfield	54

### FUND 400-C40011 C&I TRANSPORTATION PROJECTS

Carlin Springs Rd NB at Columbia Pike EB (Stop #5001008)	TS-000015-024	\$27,733.34	Mason	55
Carlin Springs Rd NB near Shopping Center Entrance (Stop #5000999)	TS-000015-025	\$24,921.49	Mason	56
Greensboro Dr SB at Spring Hill Dr (Stop #3874)	TS-000017-043	\$5,564.63	Providence	57

## SUMMARY LIST OF COMPLETED PROJECTS

PROJECT NAME	PROJECT #	COST	DISTRICT	PAGE
<b>FUND 400-C40101 STORMWATER SERVICES FUND</b>				
Lee Chapel Road (0328DP) Sediment Removal	2G25-031-006	\$309,409.58	Springfield	58
Barton Hill (0067DP) Sediment Removal	2G25-031-006	\$81,383.92	Hunter Mill	59
Gunston Corner Wet Pond at Laurel Hill	SD-000031-128	\$4,785,567.39	Mount Vernon	60
Piney Run @ Lake Werowance	SD-000031-183	\$3,297,535.52	Dranesville	61
Centre Ridge PD 6 SEC 12D-1 (BR9108 / 0736DP) Basin Retrofit	SD-000031-186	\$1,717,606.91	Sully	62
Cameron Rn Tributary @ La Vista Drive (CA82-0005)	SD-000031-215	\$1,656,240.01	Franconia	63
Mt Vernon Government Center	SD-000031-217	\$1,141,442.90	Mount Vernon	64
Schneider Branch Seg 1 @ Sully Rd	SD-000031-222	\$1,678,897.79	Sully	65
Huntington Feeder Bus	SD-000031-225	\$931,384.49	Mount Vernon	66
Crosspointe Section 12 Pond Improvement (0771DP)	SD-000033-097	\$1,153,844.93	Countywide	67
Centre Ridge (0735DP) Pond Improvement	SD-000033-098	\$902,954.62	Sully	68
Pleasant Hill Regional Pond (0872DP) Improvement	SD-000033-110	\$89,708.60	Sully	69
Clifton Townes (0999DP)	SD-000033-116	\$285,608.53	Sully	70
Nutley Pond (WP0020)	SD-000033-123	\$1,519,882.46	Providence	71
Lake Barton (9992WP) Toe Drain	SD-000033-129	\$233,676.00	Braddock	72
Edison High School Clean-Out and Cartridge Replacement	SD-000033-147	\$31,080.00	Franconia	73
MSMD - Countywide Pipe Rehabilitation	SD-000034-018	\$2,170,881.00	Countywide	74
Cottonwood - Rose Hill Outfall Replacement	SD-000034-040	\$7,197,486.51	Franconia	75
Spring Valley Drive Outfall Restoration	SD-000034-053	\$520,337.48	Mason	76
Hummer Road Outfall Restoration	SD-000034-054	\$405,501.81	Mason	77
Rolling Creek Outfall Restoration	SD-000034-056	\$1,578,411.13	Franconia	78
Woodland Stream Drive Outfall Restoration	SD-000034-060	\$404,107.50	Franconia	79

## SUMMARY LIST OF COMPLETED PROJECTS

PROJECT NAME	PROJECT #	COST	DISTRICT	PAGE
Wellfleet Court Outfall Restoration	SD-000034-061	\$182,372.93	Dranesville	80
Madison Meadows Lane Outfall Restoration	SD-000034-065	\$820,782.86	Sully	81
Royal Oak Drive Conveyance Improvements	SD-000034-066	\$137,970.96	Dranesville	82
Westwood Hills Drive Outfall Restoration	SD-000034-069	\$255,160.60	Sully	83
Brawner Street Outfall Restoration	SD-000034-070	\$272,803.51	Dranesville	84
Ridgecrest Drive Drainage Improvement	SD-000034-071	\$269,945.00	Mount Vernon	85
Salt Meadow Lane Outfall Restoration	SD-000034-072	\$208,983.45	Dranesville	86

### FUND 690-C69300 SEWER CONSTRUCTION

Pumping Stations - Wellington II Pump Station Rehabilitation	WW-000001-019	\$2,050,353.17	Mount Vernon	87
Sewer Sag Program - Little Hunting Creek Sewer Replacement	WW-000024-002-A	\$9,728,675.99	Mount Vernon	88
Gravity Sewers - Slipline Replacement #1 (Old Mill Road)	WW-000028-002-E	\$12,283,395.46	Mount Vernon	89
Gravity Sewers-Augusta Drive Sewer Line Improvement	WW-000028-024	\$415,786.13	Franconia	90
Gravity Sewers - Spring Valley Emergency Gravity Sewer Project	WW-000028-035	\$1,137,663.45	Mason	91
Gravity Sewers - Franconia Road Emergency Gravity Sewer	WW-000028-041	\$157,399.57	Franconia	92
Gravity Sewers - Wolf Trap Emergency Gravity Sewer Repair	WW-000028-042	\$819,767.84	Hunter Mill	93
Gravity Sewers - Joseph Barnes Battery Park Gravity Sewer	WW-000028-048	\$424,047.38	Mason	94

**TOTAL: \$173,829,606.73**

# GENERAL CONSTRUCTION & CONTRIBUTIONS



**Project Name:** Countywide Streetlight Projects in Fiscal Year 2023  
**Project #:** 2G25-024-000  
**Fund #:** 300-C30010  
**District:** Arlington County, Braddock, City of Alexandria, City of Fairfax, City of Falls Church, Dran Franconia, Hunter Mill, Mason, Mount Vernon, Providence, Springfield, Sully, Town of Cl Town of Herndon, Town of Vienna  
**Address:** VA  
**Tax Map #:** Various

**Scope:**  
 Installation and upgrades to 98 streetlights throughout Fairfax County in Fiscal Year 2023.

**Designed By:** Aileen Santiago  
**Constructed By:** Aileen Santiago  
**Completion Date:** 6/30/2023

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees :	\$0.00
Construction:	\$0.00
Utilites:	\$738,891.00
<b>Total:</b>	<b>\$738,891.00</b>



# GENERAL CONSTRUCTION & CONTRIBUTIONS

**Project Name:** Laurel Hill Adaptive Reuse  
**Project #:** 2G25-098-000  
**Fund #:** 300-C30010  
**District:** Mount Vernon  
**Address:** Lorton, VA  
**Tax Map #:** 107-1

**Scope:**

The project is a public-private partnership between Fairfax County, The Alexander Company of Madison-Wisconsin, a McLean-based developer Elm Street Development. The county provided use of the property to the developers by way a 99-year ground lease for the adaptive reuse of the historic properties and a fee-simple transfer for the area to be developed with new commercial and residential construction.

**Designed By:** Elm Street Communities, Inc.  
**Constructed By:** William A. Hazel  
**Completion Date:** 11/23/2022  
**Project Manager:** Abuelgasim Elfaki  
**Construction Manager:** Abuelgasim Elfaki



Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$4,297,984.20
Utilites:	\$177,015.80
<b>Total:</b>	<b>\$4,475,000.00</b>



# GENERAL CONSTRUCTION & CONTRIBUTIONS



**Project Name:** Hybla Valley Community Center  
**Project #:** CC-000022-001  
**Fund #:** 300-C30010  
**District:** Franconia  
**Address:** 7950 Audubon Avenue, Alexandria, VA 22306  
**Tax Map #:** 101-2

**Scope:**

Partial renovation of an existing 50,000 SF facility to accommodate an early childhood education center with associate outdoor playground, and an outdoor turf field.

**Designed By:** Grimm + Parker Architects  
**Constructed By:** F.H. Paschen, S.N. Nielsen & Associates LLC  
**Completion Date:** 9/1/2022  
**Project Manager:** Mary Valadez  
**Construction Manager:** Luis Rosario

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$429,990.32
Permit Fees:	\$11,714.28
Construction:	\$1,643,078.41
Utilites:	\$0.00
<b>Total:</b>	<b>\$2,084,783.01</b>





# GENERAL CONSTRUCTION & CONTRIBUTIONS

**Project Name:** Lorton Community Center  
**Project #:** HS-000020-001  
**Fund #:** 300-C30010  
**District:** Mount Vernon  
**Address:** 9518 Richmond Highway, Lorton, VA 22079  
**Tax Map #:** 107-4-01, 107-4-05

**Scope:**

This project consists of the construction of a new 29,000 SF Community Center with a gymnasium, youth and senior multi-purpose rooms, game room, art room, a commercial kitchen, sensory room, recording studio and a non-profit pantry. Also included are enhancements to the existing park, adult and children’s playground areas, new LED light fixtures, electric vehicles charging stations, and enhanced underground and bioretention stormwater filtering and management systems.

**Designed By:** Grimm + Parker Architects  
**Constructed By:** R.J. Crowley, Inc.  
**Completion Date:** 2/15/2023  
**Project Manager:** Martha Sansaver  
**Construction Manager:** Karen Davis

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$10,489.46
Design:	\$2,666,525.40
Permit Fees:	\$197,233.39
Construction:	\$14,922,553.03
Utilites:	\$19,015.08
<b>Total:</b>	<b>\$17,815,816.36</b>



## ENVIRONMENTAL AND ENERGY



**Project Name:** LED Streetlight Conversion Project 2023

**Project #:** GF-000065-001

**Fund #:** 300-C30015

**District:** Arlington County, Braddock, City of Alexandria, City of Fairfax, City of Falls Church, Dran Franconia, Hunter Mill, Mason, Mount Vernon, Providence, Springfield, Sully, Town of CI Town of Herndon, Town of Vienna

**Address:** VA

**Tax Map #:** Various

**Scope:** Replacement and conversion of 9,662 older, mercury vapor and high-pressure vapor streetlight fixtures with energy efficient dark skies that are environmentally friendly and more reliable LED lighting . This project is in year five of a five-year program to convert approximately 57,000 streetlights.

**Designed By:** Ivonne Renderos

**Constructed By:** Ivonne Renderos

**Completion Date:** 6/30/2023

Costs	Dollar Amount
Land:	\$0.00
Design:	\$211,858.10
Permit Fees :	\$0.00
Construction:	\$56,545.31
Utilites:	\$4,542,742.24
<b>Total:</b>	<b>\$4,811,145.65</b>



# LIBRARY CONSTRUCTION

**Project Name:** Lorton Community Library  
**Project #:** LB-000013-001  
**Fund #:** 300-C30030  
**District:** Mount Vernon  
**Address:** 9520 Richmond Highway, Lorton, VA 22079  
**Tax Map #:** 107-4

**Scope:**

This project consists of the renovation of the 11,000 SF existing Lorton Library with an approximately 4,000 SF addition. The new library provides an expanded reading area, a bright and colorful children's zone, teen gaming, and quiet study areas in addition to an improved circulation and information desk, staff offices, break room and support spaces. The project is designed to receive solar panels and the project is targeting LEED Gold certification.

**Designed By:** Grimm + Parker Architects  
**Constructed By:** R.J. Crowley, Inc.  
**Completion Date:** 2/15/2023  
**Project Manager:** Claudia Shalhoub  
**Construction Manager:** Karen Davis

Costs	Dollar Amount
Land:	\$0.00
Design:	\$1,226,098.19
Permit Fees:	\$20,785.77
Construction:	\$6,383,653.67
Utilities:	\$1,253.73
<b>Total:</b>	<b>\$7,631,791.36</b>



# TRANSPORTATION IMPROVEMENTS



**Project Name:** TCP - Wetherburn Drive  
**Project #:** 2G25-076-035  
**Fund #:** 300-C30050  
**District:** Sully  
**Address:** Wetherburn Drive, Centreville, VA  
**Tax Map #:** 53-4

**Scope:**  
 Re-construction of four curb ramps and two new raised crosswalks at the existing trail.

**Designed By:** Kimley-Horn & Associates, Inc.  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 9/19/2022  
**Project Manager:** Steven Knudsen  
**Construction Manager:** Craig Carlin

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$12,565.22
Design:	\$44,196.67
Permit Fees:	\$0.00
Construction:	\$82,808.29
Utilites:	\$229.23
<b>Total:</b>	<b>\$139,799.41</b>



# TRANSPORTATION IMPROVEMENTS

**Project Name:** TCP - Bangor Drive & Fairhaven Avenue  
**Project #:** 2G25-076-060  
**Fund #:** 300-C30050  
**District:** Mount Vernon  
**Address:** Bangor Drive and Fairhaven Avenue, Alexandria, VA  
**Tax Map #:** 83-3

**Scope:**  
 Installation of three speed humps and signage.

**Designed By:** Fairfax County Department of Transportation  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 9/21/2022  
**Project Manager:** Steven Knudsen  
**Construction Manager:** Craig Carlin  
**Inspector:** Gajendra Sedhain

Costs	Dollar Amount
Land:	\$0.00
Design:	\$200.25
Permit Fees:	\$0.00
Construction:	\$39,261.72
Utilites:	\$125.94
<b>Total:</b>	<b>\$39,587.91</b>



# TRANSPORTATION IMPROVEMENTS



**Project Name:** TCP - Memorial Street  
**Project #:** 2G25-076-063  
**Fund #:** 300-C30050  
**District:** Mount Vernon  
**Address:** Memorial Street, Alexandria, VA  
**Tax Map #:** 93-1

**Scope:**  
 Installation of three speed humps and signage.

**Designed By:** Fairfax County Department of Transportation  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 10/19/2022  
**Project Manager:** Steven Knudsen  
**Construction Manager:** Craig Carlin  
**Inspector:** Gajendra Sedhain

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$373.80
Permit Fees:	\$0.00
Construction:	\$27,169.25
Utilites:	\$280.35
<b>Total:</b>	<b>\$27,823.40</b>



# TRANSPORTATION IMPROVEMENTS

**Project Name:** TCP - Peabody Drive  
**Project #:** 2G25-076-064  
**Fund #:** 300-C30050  
**District:** Dranesville  
**Address:** Peabody Drive, Falls Church, VA  
**Tax Map #:** 30-2, 40-1

**Scope:**  
 Installation of two speed humps and signage.

**Designed By:** Fairfax County Department of Transportation  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 4/24/2023  
**Project Manager:** Steven Knudsen  
**Construction Manager:** Craig Carlin  
**Inspector:** Dharam Sharma

Costs	Dollar Amount
Land:	\$0.00
Design:	\$490.62
Permit Fees:	\$0.00
Construction:	\$31,043.38
Utilites:	\$100.13
<b>Total:</b>	<b>\$31,634.13</b>



# TRANSPORTATION IMPROVEMENTS



**Project Name:** TCP - Old Dairy Road  
**Project #:** 2G25-076-065  
**Fund #:** 300-C30050  
**District:** Sully  
**Address:** Old Dairy Road, Herndon, VA  
**Tax Map #:** 34-2, 35-1

**Scope:**  
 Installation of two speed humps and signage.

**Designed By:** Fairfax County Department of Transportation  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 4/25/2023  
**Project Manager:** Steven Knudsen  
**Construction Manager:** Craig Carlin  
**Inspector:** Dharam Sharma

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$233.63
Permit Fees :	\$0.00
Construction:	\$30,684.93
Utilites:	\$100.13
<b>Total:</b>	<b>\$31,018.69</b>





# TRANSPORTATION IMPROVEMENTS

**Project Name:** Monroe Street and Sunrise Valley Drive Intersection Improvements  
**Project #:** 2G40-086-014C  
**Fund #:** 300-C30050  
**District:** Hunter Mill  
**Address:** Monroe Street at Sunrise Valley Drive, Herndon, VA  
**Tax Map #:** 16-4

**Scope:**

This project included construction of 900 linear feet of 5' wide concrete sidewalk, ADA ramps, pedestrian signal, pavement milling/overlay, pavement marking, signage, and restoration of the existing storm water drainage system.

**Designed By:** Kimley-Horn & Associates, Inc.  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 9/27/2022  
**Project Manager:** Jeanmarie Roberson  
**Construction Manager:** Michael Stevens  
**Right-of-Way Agent:** Kelly Alcon

Costs	Dollar Amount
Land:	\$140,669.65
Design:	\$522,080.35
Permit Fees:	\$5,814.84
Construction:	\$710,912.74
Utilites:	\$74,250.03
<b>Total:</b>	<b>\$1,453,727.61</b>



# TRANSPORTATION IMPROVEMENTS



**Project Name:** Mount Vernon Memorial Highway Trail  
**Project #:** 2G40-088-026  
**Fund #:** 300-C30050  
**District:** Mount Vernon  
**Address:** Mount Vernon Memorial Highway, Mount Vernon, VA  
**Tax Map #:** 109-2, 110-1, 110-3

**Scope:**

Construction of approximately 6,200 LF of 10' share use path, and concrete sidewalk, the construction of the 16' wide pedestrian bridge spanning approximately 218 LF to be built in place with timber piling, supported with steel I-beams, rebar and concrete decking, architectural treatment, retaining wall, parapet wall, concrete barrier, coffer dam, storm pi and structures, stormwater underground detention facilities

**Designed By:** Whitman Requardt & Associates, LLP (WRA)  
**Constructed By:** Anchor Construction Corporation  
**Completion Date:** 3/31/2023  
**Project Manager:** Sonia Shahnaj  
**Construction Manager:** Sam Lim

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$247,114.41
Design:	\$1,334,252.01
Permit Fees:	\$78,589.41
Construction:	\$7,565,343.41
Utilites:	\$141,691.86
<b>Total:</b>	<b>\$9,366,991.10</b>



# TRANSPORTATION IMPROVEMENTS

**Project Name:** Lisle Avenue Walkway  
**Project #:** 2G40-088-044  
**Fund #:** 300-C30050  
**District:** Dranesville  
**Address:** Lisle Avenue, Falls Church, VA  
**Tax Map #:** 30-3

**Scope:**

This project included construction of 900 LF of sidewalk along the south side of Lisle Avenue, the addition of four ADA ramps, and one pedestrian crosswalk at the Peabody Drive Intersection. Existing substandard driveways were modified and replaced to allow for ADA compliant sidewalk installation. The project also addresses several drainage complaints in the neighborhood.

**Designed By:** Jacobs Engineering Group  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 2/23/2023  
**Project Manager:** Shahla Zahirieh  
**Construction Manager:** Fasika Metafria  
**Right-of-Way Agent:** Lisa Baker

Costs	Dollar Amount
Land:	\$66,232.52
Design:	\$296,205.88
Permit Fees:	\$4,645.14
Construction:	\$393,378.58
Utilities:	\$45,398.75
<b>Total:</b>	<b>\$805,860.87</b>



# TRANSPORTATION IMPROVEMENTS



**Project Name:** Rock Hill Road Walkway  
**Project #:** 2G40-088-062  
**Fund #:** 300-C30050  
**District:** Dranesville  
**Address:** Rock Hill Road, Herndon, VA  
**Tax Map #:** 16-1

**Scope:**

This project constructed approximately 525 feet long concrete sidewalk along the east side of Rock Hill Road, installation of 130 feet long retaining wall and 177 feet long handrail over the retaining wall, installation of curb and gutter along with storm drainage inlets and pipes, removing existing 24" diameter triple Corrugated Metal Pipe and installing triple 38"X:

**Designed By:** Johnson Mirmiran & Thompson  
**Constructed By:** Finley Asphalt and Sealing  
**Completion Date:** 9/22/2022  
**Project Manager:** Dennis Marsh  
**Construction Manager:** Fasika Metafria

Costs	Dollar Amount
Land:	\$41,505.61
Design:	\$341,737.19
Permit Fees:	\$4,295.00
Construction:	\$1,138,470.28
Utilities:	\$67,726.92
<b>Total:</b>	<b>\$1,593,735.00</b>



# TRANSPORTATION IMPROVEMENTS

**Project Name:** Route 50 Walkway (Chichester Ln to Cedar Ln)  
**Project #:** 2G40-088-076  
**Fund #:** 300-C30050  
**District:** Providence  
**Address:** Chichester Lane to Cedar Lane, Fairfax, VA  
**Tax Map #:** 49-3

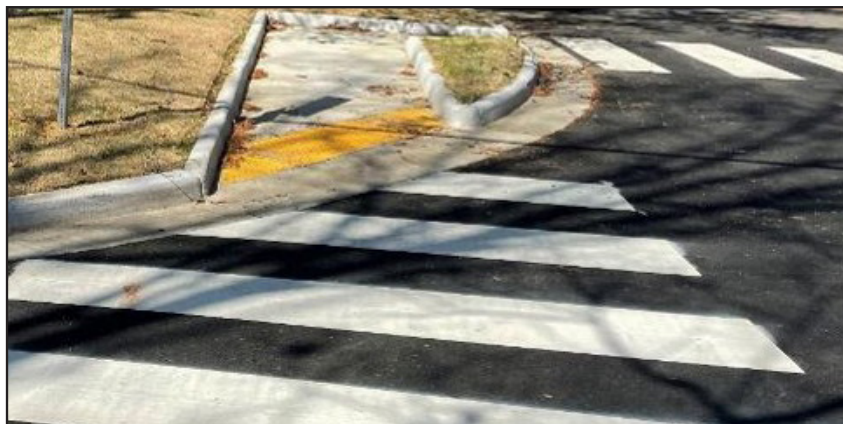
**Scope:**

The project provides a pedestrian walkway connection along the north side Route 50 Service Drive from Chichester Ln to Cedar Lane including walkway connection with bus pad to the existing bus stop on mainline Route 50. The construction includes the installation of concrete sidewalks, curb ramps, road widening, storm sewers and structures, watermain works, milling and paving, pavement marking, installing new signs and relocating existing signs.

**Designed By:** Rinker Design Associates, PC  
**Constructed By:** Finley Asphalt and Sealing  
**Completion Date:** 4/17/2023  
**Project Manager:** Dennis Marsh  
**Construction Manager:** Samuel Engida



Costs	Dollar Amount
Land:	\$11,677.39
Design:	\$206,301.41
Permit Fees :	\$7,686.34
Construction:	\$675,933.82
Utilites:	\$30,203.09
<b>Total:</b>	<b>\$931,802.05</b>



# TRANSPORTATION IMPROVEMENTS



**Project Name:** Arlington Blvd/Stonehurst Dr Pedestrian Upgrades  
**Project #:** 2G40-088-079B  
**Fund #:** 300-C30050  
**District:** Providence  
**Address:** Arlington Boulevard at Stonehurst Drive, Fairfax, VA  
**Tax Map #:** 48-4

**Scope:**

Pedestrian improvements that included sidewalk, ADA curb ramps, curb and gutter, and drainage improvement at the Route 50 and Stonehurst Drive Intersection.

**Designed By:** Rinker Design Associates, PC  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 12/29/2022  
**Project Manager:** Dennis Marsh  
**Construction Manager:** Fasika Metafria  
**Right-of-Way Agent:** Mohammed Najeeb

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$19,960.70
Design:	\$66,003.05
Permit Fees:	\$459.90
Construction:	\$160,538.70
Utilites:	\$3,037.65
<b>Total:</b>	<b>\$250,000.00</b>



# TRANSPORTATION IMPROVEMENTS

**Project Name:** Pole Road Crosswalk Improvements  
**Project #:** 2G40-088-083  
**Fund #:** 300-C30050  
**District:** Mount Vernon  
**Address:** Pole Road and Sacramento Drive, Alexandria, VA  
**Tax Map #:** 100-4, 115-2

**Scope:**

Re-construction of two existing curb ramps and construction of four new curb ramps at the intersection of Pole Road a Sacramento Drive.

**Designed By:** Kimley-Horn & Associates, Inc.  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 5/5/2023  
**Project Manager:** Deepak Bhinge  
**Construction Manager:** Galappa Madhusudhan  
**Right-of-Way Agent:** Sarah Guy  
**Inspector:** David Simpson  
**Surveyor:** Gregory Harper

Costs	Dollar Amount
Land:	\$82,597.61
Design:	\$97,413.56
Permit Fees :	\$0.00
Construction:	\$90,165.15
Utilites:	\$1,322.09
<b>Total:</b>	<b>\$271,498.41</b>



# TRANSPORTATION IMPROVEMENTS



**Project Name:** Cedar Lane Pedestrian Improvements  
**Project #:** 2G40-088-084  
**Fund #:** 300-C30050  
**District:** Providence  
**Address:** Cedar Lane, Fairfax, VA  
**Tax Map #:** 39-3

**Scope:**  
 Construction of pedestrian access to the intersection, the addition of new crosswalks, median refuge and handicap ramps will improve pedestrian mobility, safety and promote easy access to the nearby residential community across fr Cedar Lane & Redwood Drive.

**Designed By:** Kimley-Horn & Associates, Inc.  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 3/21/2023  
**Project Manager:** Galappa Madhusudhan  
**Construction Manager:** Mahalet Walelign

Costs	Dollar Amount
Land:	\$494.64
Design:	\$80,719.29
Permit Fees:	\$200.00
Construction:	\$82,621.02
Utilites:	\$1,924.88
<b>Total:</b>	<b>\$165,959.83</b>





# TRANSPORTATION IMPROVEMENTS

**Project Name:** [Lincolnia Road Sidewalk and Spot Improvements](#)  
**Project #:** 5G25-060-048  
**Fund #:** 300-C30050  
**District:** Mason  
**Address:** Lincolnia Road, Alexandria, VA  
**Tax Map #:** 72-2, 72-4

**Scope:**

This project included construction of 900 linear feet of 5' wide concrete sidewalk, ADA ramps, pedestrian signal, pavement milling/overlay, pavement marking, signage, and restoration of the existing storm water drainage system.

**Designed By:** Kimley-Horn & Associates, Inc.  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 10/13/2022  
**Project Manager:** Seyed Nabavi  
**Construction Manager:** Fasika Metafria  
**Right-of-Way Agent:** Tajera DeSena

Costs	Dollar Amount
Land:	\$366,954.97
Design:	\$1,213.35
Permit Fees:	\$5,401.04
Construction:	\$356,826.27
Utilites:	\$86,907.06
<b>Total:</b>	<b>\$817,302.69</b>



# TRANSPORTATION IMPROVEMENTS



**Project Name:** Richmond Hwy NB at Woodlawn Trail (Stop ID #00953)  
**Project #:** CR-000007-004  
**Fund #:** 300-C30050  
**District:** Mount Vernon  
**Address:** Richmond Hwy NB at Woodlawn Trail, Mount Vernon, VA  
**Tax Map #:** 93-3

**Scope:**  
 A bus stop with shelter, bench, and trash receptacle.

**Designed By:** Parsons Transportation Group, Inc.  
**Constructed By:** Franco's Liberty Bridge, Inc.  
**Completion Date:** 12/20/2022  
**Project Manager:** Galappa Madhusudhan  
**Construction Manager:** Craig Carlin

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$1,153.22
Permit Fees :	\$114.96
Construction:	\$42,587.97
Utilites:	\$62.97
<b>Total:</b>	<b>\$43,919.12</b>



# TRANSPORTATION IMPROVEMENTS

**Project Name:** Chain Bridge Road NB at Brawner Street (Stop ID #5001687)  
**Project #:** CR-000007-005  
**Fund #:** 300-C30050  
**District:** Dranesville  
**Address:** Chain Bridge Road NB at Brawner Street, Fairfax, VA  
**Tax Map #:** 30-2

**Scope:**  
 A bus stop with shelter, bench, and trash receptacle.

**Designed By:** Parsons Transportation Group, Inc.  
**Constructed By:** Franco's Liberty Bridge, Inc.  
**Completion Date:** 10/18/2022  
**Project Manager:** Galappa Madhusudhan  
**Construction Manager:** Craig Carlin



Costs	Dollar Amount
Land:	\$0.00
Design:	\$1,261.66
Permit Fees :	\$114.96
Construction:	\$38,575.88
Utilites:	\$62.97
<b>Total:</b>	<b>\$40,015.47</b>



# TRANSPORTATION IMPROVEMENTS



**Project Name:** Westmoreland Street and Hopewood Drive Intersection Improvements  
**Project #:** ST-000005-005  
**Fund #:** 300-C30050  
**District:** Dranesville  
**Address:** Westmoreland Street at Hopewood Drive, Falls Church, VA  
**Tax Map #:** 40-2

**Scope:**

This project consisted of the demolition of four existing curb cut ramps and replacing them with updated ramps in addition to installing two pedestrian poles with handicap accessible push button activators. Also included in this upgr were asphalt paving and upgraded pavement markings.

**Designed By:** Rinker Design Associates, PC  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 9/28/2022  
**Project Manager:** Seyed Nabavi  
**Construction Manager:** Leykun Abteu

Costs	Dollar Amount
Land:	\$5,605.25
Design:	\$73,047.94
Permit Fees:	\$0.00
Construction:	\$41,216.66
Utilites:	\$3,527.62
<b>Total:</b>	<b>\$123,397.47</b>



# TRANSPORTATION IMPROVEMENTS

**Project Name:** Fox Mill Road Walkway from Fairfax County Parkway to Fox View Way  
**Project #:** ST-000036-009  
**Fund #:** 300-C30050  
**District:** Hunter Mill  
**Address:** Fox Mill Road Walkway from Fairfax County Parkway to Fox View Way, Fairfax, VA  
**Tax Map #:** 25-2, 25-4, 26-3

**Scope:**

Construction of concrete sidewalk, curb & gutter, 8' wide asphalt sidewalk, reinforced concrete pipe, signage, pavement marking and other related items.

**Designed By:** Whitman Requardt & Associates, LLP (WRA)  
**Constructed By:** Finley Asphalt and Sealing  
**Completion Date:** 6/16/2023  
**Project Manager:** Dennis Marsh  
**Construction Manager:** Bijan Samiyi  
**Right-of-Way Agent:** Mohammed Najeeb



Costs	Dollar Amount
Land:	\$91,042.84
Design:	\$528,499.96
Permit Fees:	\$12,582.74
Construction:	\$992,333.49
Utilities:	\$99,804.90
<b>Total:</b>	<b>\$1,724,263.93</b>



# TRANSPORTATION IMPROVEMENTS



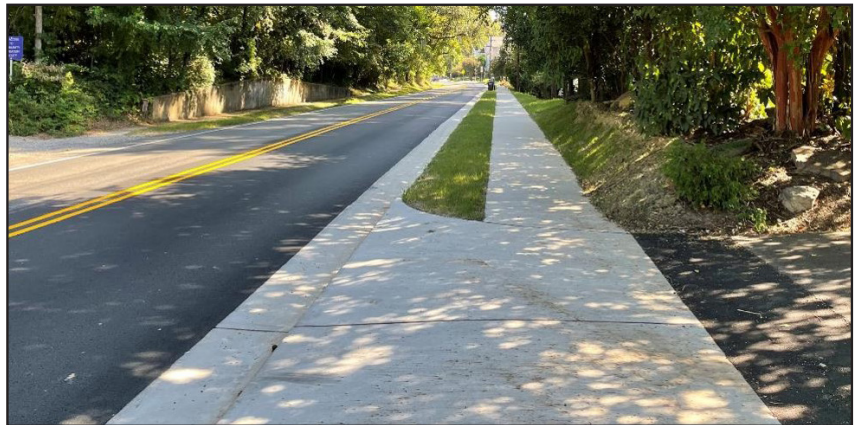
**Project Name:** Kirby Road Walkway (Chesterbrook Elementary School to Halsey Road)  
**Project #:** ST-000036-010  
**Fund #:** 300-C30050  
**District:** Dranesville  
**Address:** Kirby Road, McLean, VA  
**Tax Map #:** 31-1, 31-3

**Scope:**

This project included construction of approximately 1,700 linear feet of 5' to 6' wide concrete sidewalk, 1,800 LF of curb and gutter, storm drainpipes and structures, curb cut ramps, mill and overlay of asphalt pavement, pavement marking and signage, relocation of water main, and other related items.

**Designed By:** Whitman Requardt & Associates, LLP (WRA)  
**Constructed By:** Sagres Construction Corporation  
**Completion Date:** 9/22/2022  
**Project Manager:** Latesa Turner  
**Construction Manager:** Sam Lim  
**Right-of-Way Agent:** Jim Strayhome

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$71,562.85
Design:	\$252,407.42
Permit Fees :	\$4,505.24
Construction:	\$793,632.59
Utilites:	\$68,323.28
<b>Total:</b>	<b>\$1,190,431.38</b>



# TRANSPORTATION IMPROVEMENTS

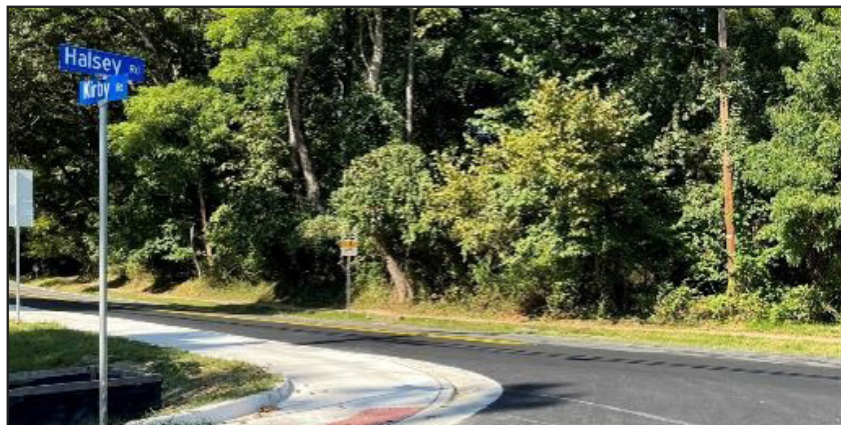
**Project Name:** Kirby Road Walkway (Halsey Road to Franklin Avenue)  
**Project #:** ST-000036-011  
**Fund #:** 300-C30050  
**District:** Dranesville  
**Address:** Kirby Road, McLean, VA 22101  
**Tax Map #:** 31-1, 31-3, 41-1

**Scope:**

This project included construction of approximately 1,700 linear feet of 5' to 6' wide concrete sidewalk, 1,800 LF of cur and gutter, storm drainpipes and structures, curb cut ramps, mill and overlay of asphalt pavement, pavement marking and signage, relocation of water main, and other related items.

**Designed By:** Whitman Requardt & Associates, LLP (WRA)  
**Constructed By:** Sagres Construction Corporation  
**Completion Date:** 9/22/2022  
**Project Manager:** Latesa Turner  
**Construction Manager:** Sam Lim  
**Right-of-Way Agent:** Jim Strayhome

Costs	Dollar Amount
Land:	\$247,967.93
Design:	\$334,183.53
Permit Fees:	\$8,170.82
Construction:	\$930,514.66
Utilites:	\$33,857.17
<b>Total:</b>	<b>\$1,554,694.11</b>



# TRANSPORTATION IMPROVEMENTS



**Project Name:** Mount Vernon Trail Restoration  
**Project #:** ST-000050-004  
**Fund #:** 300-C30050  
**District:** Mount Vernon  
**Address:** Mount Vernon, VA  
**Tax Map #:** 110-2

**Scope:**

The scope of this project included the removal and re-construction of approximately 1,600 linear feet of 6' wide aspha trail and other related items.

**Designed By:** MSMD (DPWES)  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 3/14/2023  
**Project Manager:** Peter Vigliotti  
**Construction Manager:** Sam Lim  
**Surveyor:** Christopher Jensen

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$3,435.23
Utilites:	\$634.13
<b>Total:</b>	<b>\$4,069.36</b>





# PUBLIC SAFETY CONSTRUCTION

**Project Name:** Adult Detention Center - 2018; West HW Plant  
**Project #:** AD-000002-004  
**Fund #:** 300-C30070  
**District:** Providence  
**Address:** 4110 Chain Bridge Road, Fairfax  
**Tax Map #:** 57-4

**Scope:**

This project replaced the Adult Detention Center's West Building's hot water plant. The key elements of the overall project scope include three new domestic water heaters, eight new storage tanks, thermal mixing valve manifolds, four new boilers for the heating water, three new variable speed pumps, new electrical panels for the new equipment, and new flues running on the exterior to the building roof.

**Designed By:** Hellmuth Obata & Kassabaum, Inc.  
**Constructed By:** Branch Builds  
**Completion Date:** 11/25/2022  
**Project Manager:** John Taylor  
**Construction Manager:** Timothy Danforth

Costs	Dollar Amount
Land:	\$0.00
Design:	\$480,936.84
Permit Fees:	\$8,565.41
Construction:	\$3,974,818.93
Utilites:	\$0.00
<b>Total:</b>	<b>\$4,464,321.18</b>



## PUBLIC SAFETY CONSTRUCTION

**Project Name:** Courtroom Renovations Bid Package A  
**Project #:** CF-000003-001  
**Fund #:** 300-C30070  
**District:** Providence  
**Address:** 4110 Chainbridge Road, Fairfax, VA 22030  
**Tax Map #:** 57-4

**Scope:**

This project provided interior renovations in two phases of seven courtrooms, jury deliberation rooms, attorney-client rooms, and audio/visual rooms. Phase 1 consisted of courtrooms 2B, 5A, 5B, and 5E. Phase 2 consisted of courtrooms 2G, 5G, and 5H.

**Designed By:** Moseley Architects  
**Constructed By:** Bob Porter Company  
**Completion Date:** 6/30/2023  
**Project Manager:** Karin Hornstein  
**Construction Manager:** Karen Davis

Costs	Dollar Amount
Land:	\$0.00
Design:	\$1,418,347.11
Permit Fees:	\$40,736.47
Construction:	\$8,684,061.56
Utilites:	\$1,609,211.20
<b>Total:</b>	<b>\$11,752,356.34</b>



# PUBLIC SAFETY CONSTRUCTION

**Project Name:** Courtroom Renovations - Phase III  
**Project #:** CF-000003-002  
**Fund #:** 300-C30070  
**District:** Providence  
**Address:** 4110 Chain Bridge Road, Fairfax County, VA  
**Tax Map #:** 57-4

**Scope:**

This project consisted of the interior renovations of six courtrooms. The renovations include courtrooms 1B and 1C of General District Court and 4A, 4B, 4G, and 4F of Circuit Court, jury deliberation rooms, attorney-client rooms, audio/visual rooms, toilet rooms and judge's corridor. Renovations include the demolition and replacement of existing floor, wall, ceiling finishes, lighting, mechanical, audio/visual, existing gallery seats, and electrical/security systems supporting the courtrooms.

**Designed By:** Moseley Architects  
**Constructed By:** F.H. Paschen, S.N. Nielsen & Associates LLC  
**Completion Date:** 4/17/2023  
**Project Manager:** Karin Hornstein  
**Construction Manager:** Karen Davis



Costs	Dollar Amount
Land:	\$2,290.40
Design:	\$67,802.08
Permit Fees:	\$0.00
Construction:	\$5,187,112.63
Utilites:	\$639,698.51
<b>Total:</b>	<b>\$5,896,903.62</b>



## PUBLIC SAFETY CONSTRUCTION

**Project Name:** Merrifield Fire Station  
**Project #:** FS-000013-001  
**Fund #:** 300-C30070  
**District:** Providence  
**Address:** 8739 Lee Highway, Fairfax, VA  
**Tax Map #:** 49-3

**Scope:**

The project consists of a 400 SF addition and renovation to the existing 11,900 SF one-story, 3-bay fire station facility and associated improvements to the 1.76-acre site including walkways, apron, landscaping, drainage, and a parking lot. The renovations included building systems and equipment upgrades, expanded living quarters, updated office and support spaces, updated apparatus bays, exterior envelope improvements, and roof replacement.

**Designed By:** Moseley Architects  
**Constructed By:** Sumter Contracting Corp  
**Completion Date:** 11/15/2022  
**Project Manager:** James Sun  
**Construction Manager:** John (Eric) James  
**Inspector:** Robert Amidon

Costs	Dollar Amount
Land:	\$2,327.46
Design:	\$1,104,271.18
Permit Fees:	\$32,750.54
Construction:	\$7,104,623.37
Utilites:	\$35,635.97
<b>Total:</b>	<b>\$8,279,608.52</b>



# PUBLIC SAFETY CONSTRUCTION

**Project Name:** Edsall Road Fire Station  
**Project #:** FS-000017-001  
**Fund #:** 300-C30070  
**District:** Mason  
**Address:** 5316 Carolina Place, Springfield, VA  
**Tax Map #:** 80-2

**Scope:**

Renovation/expansion of the fire station for a total of 14,159 SF and associated site improvements and a temporary facility during construction.

**Designed By:** Samaha Associates, PC  
**Constructed By:** Carlson Brothers  
**Completion Date:** 11/23/2022  
**Project Manager:** Kamal Mohey  
**Construction Manager:** Aivanjael Estacio  
**Right-of-Way Agent:** Kelly Alcon



Costs	Dollar Amount
Land:	\$52,394.14
Design:	\$1,272,177.85
Permit Fees:	\$125,699.77
Construction:	\$9,134,417.29
Utilites:	\$173,547.71
<b>Total:</b>	<b>\$10,758,236.76</b>



## PUBLIC SAFETY CONSTRUCTION

**Project Name:** Police Heliport  
**Project #:** PS-000010-001  
**Fund #:** 300-C30070  
**District:** Springfield  
**Address:** 4604 West Ox Road, Fairfax, VA  
**Tax Map #:** 56-1

**Scope:**

This project is a new, approximately 17,000 SF building with two helicopter hangars for operations/maintenance, a flight control room, office areas, medical training facilities, training room, kitchen, exercise, locker rooms, and storage areas. Site improvements include a concrete helipad and apron, Jet A fuel underground storage tank with a fuel filtration system, aircraft fuel station, emergency generator, visitor and secure staff parking lots, secure property fence, and anti-ram fencing.

**Designed By:** Dewberry Engineers, Inc.  
**Constructed By:** F.H. Paschen, S.N. Nielsen & Associates LLC  
**Completion Date:** 6/30/2023  
**Project Manager:** Deepa Joshi  
**Construction Manager:** Shuang Ma

Costs	Dollar Amount
Land:	\$2,063.40
Design:	\$1,554,284.23
Permit Fees:	\$117,180.82
Construction:	\$11,406,537.59
Utilites:	\$116,878.11
<b>Total:</b>	<b>\$13,196,944.15</b>



# C&I TRANSPORTATION PROJECTS

**Project Name:** Carlin Springs Rd NB at Columbia Pike EB (Stop #5001008)  
**Project #:** TS-000015-024  
**Fund #:** 400-C40011  
**District:** Mason  
**Address:** Carlin Springs Rd NB at Columbia Pike EB, Fairfax, VA  
**Tax Map #:** 62-1

**Scope:**

The following Mason District bus stop improvements are part of an initiative designed to enhance mobility, promote an increase safety, and create choices for the commuting public with multi-model projects that add capacity, reduce congestion, connect missing sidewalk and bicycle links, and provide safe access to transit facilities.

**Designed By:** Whitman Requardt & Associates, LLP (WRA)  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 4/27/2023  
**Project Manager:** Galappa Madhusudhan  
**Construction Manager:** Craig Carlin



Costs	Dollar Amount
Land:	\$10,404.00
Design:	\$10,434.68
Permit Fees:	\$0.00
Construction:	\$6,694.40
Utilites:	\$200.26
<b>Total:</b>	<b>\$27,733.34</b>



## C&I TRANSPORTATION PROJECTS

**Project Name:** Carlin Springs Rd NB near Shopping Center Entrance (Stop #5000999)  
**Project #:** TS-000015-025  
**Fund #:** 400-C40011  
**District:** Mason  
**Address:** Carlin Springs Rd NB, Fairfax, VA  
**Tax Map #:** 62-1

**Scope:**

The following Mason District bus stop improvements are part of an initiative designed to enhance mobility, promote an increase safety, and create choices for the commuting public with multi-model projects that add capacity, reduce congestion, connect missing sidewalk and bicycle links, and provide safe access to transit facilities.

**Designed By:** Whitman Requardt & Associates, LLP (WRA)  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 4/27/2023  
**Project Manager:** Galappa Madhusudhan  
**Construction Manager:** Craig Carlin

Costs	Dollar Amount
Land:	\$7,698.54
Design:	\$10,378.36
Permit Fees:	\$0.00
Construction:	\$6,644.33
Utilites:	\$200.26
<b>Total:</b>	<b>\$24,921.49</b>





# C&I TRANSPORTATION PROJECTS

**Project Name:** Greensboro Dr SB at Spring Hill Dr (Stop #3874)  
**Project #:** TS-000017-043  
**Fund #:** 400-C40011  
**District:** Providence  
**Address:** Greensboro Dr SB at Spring Hill Dr, Tysons Corner, VA  
**Tax Map #:** 29-3

**Scope:**

The following Providence District bus stop improvements are part of an initiative designed to enhance mobility, promote and increase safety, and create choices for the commuting public with multi-model projects that add capacity, reduce congestion, connect missing sidewalk and bicycle lings, and provide safe access to transit facilities.

**Designed By:** Fairfax County Department of Transportation  
**Constructed By:** M&F Concrete Inc.  
**Completion Date:** 4/27/2023  
**Project Manager:** Sergio Guizado  
**Construction Manager:** Craig Carlin  
**Right-of-Way Agent:** Clyde Monahan

Costs	Dollar Amount
Land:	\$0.00
Design:	\$1,809.91
Permit Fees:	\$0.00
Construction:	\$3,554.46
Utilites:	\$200.26
<b>Total:</b>	<b>\$5,564.63</b>



# STORMWATER SERVICES FUND



**Project Name:** Lee Chapel Road (0328DP)Sediment Removal  
**Project #:** 2G25-031-006  
**Fund #:** 400-C40101  
**District:** Springfield  
**Address:** Crossing at Sangster Branch Road, Burke, VA  
**Tax Map #:** 88-3

**Scope:**

Removed 2,000 CY of sediment debris and tree from pond floor, parge inflow headwall and control structure, restore riprap and repair erosion at primary inflow.

**Designed By:** MSMD (DPWES)  
**Constructed By:** HGS, LLC  
**Completion Date:** 6/30/2023  
**Project Manager:** Christopher Meoli  
**Construction Manager:** Christopher Meoli

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$309,409.58
Utilites:	\$0.00
<b>Total:</b>	<b>\$309,409.58</b>



# STORMWATER SERVICES FUND

**Project Name:** Barton Hill (0067DP) Sediment Removal  
**Project #:** 2G25-031-006  
**Fund #:** 400-C40101  
**District:** Hunter Mill  
**Address:** Opposite Twin Branches Road/Glade Drive, Reston, VA  
**Tax Map #:** 27-1

**Scope:**  
 This project installed riprap channel and removed sediment and debris surrounding the control structure.

**Designed By:** MSMD (DPWES)  
**Constructed By:** HGS, LLC  
**Completion Date:** 12/30/2022  
**Project Manager:** Christopher Meoli  
**Construction Manager:** Christopher Meoli



Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$81,383.92
Utilites:	\$0.00
<b>Total:</b>	<b>\$81,383.92</b>



# STORMWATER SERVICES FUND



**Project Name:** Gunston Corner Wet Pond at Laurel Hill  
**Project #:** SD-000031-128  
**Fund #:** 400-C40101  
**District:** Mount Vernon  
**Address:** 9040 Tanyard Lane, Lorton, VA 22079  
**Tax Map #:** 107-1

**Scope:**

This project included rebuilding the wet pond embankment, installation of new spillway and principal spillway pipe, restoration of outfall channel using Regenerative Step Pool Storm Conveyance design, and retrofit to constructed wetland to enhance water quality.

**Designed By:** Dewberry Engineers, Inc.  
**Constructed By:** Sagres Construction Corporation  
**Completion Date:** 1/13/2023  
**Project Manager:** Joni Calmbacher  
**Construction Manager:** Prutha Rueangvivanakij  
**Surveyor:** Vickie Anglin

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$32,885.73
Design:	\$465,820.44
Permit Fees:	\$4,758.72
Construction:	\$4,250,192.67
Utilites:	\$31,909.83
<b>Total:</b>	<b>\$4,785,567.39</b>



# STORMWATER SERVICES FUND

**Project Name:** Piney Run @ Lake Werowance  
**Project #:** SD-000031-183  
**Fund #:** 400-C40101  
**District:** Dranesville  
**Address:** 949 Walker Road, Great Falls, VA 22066  
**Tax Map #:** 12-4, 13-3

**Scope:**

Restore ~3,300 linear feet of stream using natural channel design and riparian corridor enhancements for improved water quality.

**Designed By:** Stantec Consulting Services  
**Constructed By:** HGS, LLC  
**Completion Date:** 1/23/2023  
**Project Manager:** Sajan Pokharel  
**Construction Manager:** Ian Vinson  
**Inspector:** Peter Quan

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$135,967.72
Design:	\$718,839.34
Permit Fees:	\$12,388.16
Construction:	\$2,430,340.30
Utilites:	\$0.00
<b>Total:</b>	<b>\$3,297,535.52</b>



# STORMWATER SERVICES FUND



**Project Name:** Centre Ridge PD 6 SEC 12D-1 (BR9108 / 0736DP) Basin Retrofit  
**Project #:** SD-000031-186  
**Fund #:** 400-C40101  
**District:** Sully  
**Address:** 6446 Muster Ct., Centreville, VA 20121  
**Tax Map #:** 65-1

**Scope:**  
 Retrofit of detention basin to constructed wetland for improved water quality.

**Designed By:** Stantec Consulting Services  
**Constructed By:** Environmental Quality Resources LLC  
**Completion Date:** 1/20/2023  
**Project Manager:** Kenneth Trinh  
**Construction Manager:** Brendan Schillo  
**Inspector:** Rajan Manandhar

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$9,328.07
Design:	\$177,032.29
Permit Fees:	\$7,337.76
Construction:	\$1,511,135.76
Utilites:	\$12,773.03
<b>Total:</b>	<b>\$1,717,606.91</b>



# STORMWATER SERVICES FUND

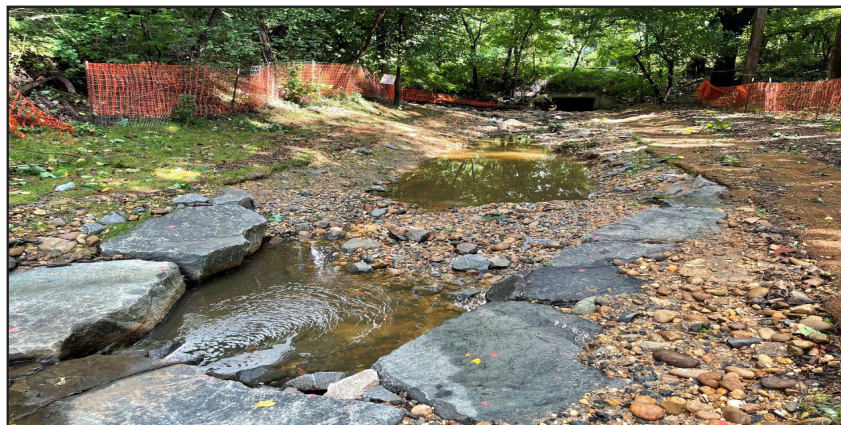
**Project Name:** Cameron Rn Tributary @ La Vista Drive (CA82-0005)  
**Project #:** SD-000031-215  
**Fund #:** 400-C40101  
**District:** Franconia  
**Address:** 5688 Clouds Mill Dr, Alexandria, VA 22310  
**Tax Map #:** 82-1

**Scope:**

This project restored ~1,100 linear feet of stream channel using natural channel design to improve water quality.

**Designed By:** A. Morton Thomas & Associates  
**Constructed By:** Environmental Quality Resources LLC  
**Completion Date:** 9/9/2022  
**Project Manager:** Kenneth Trinh  
**Construction Manager:** Brendan Schillo  
**Right-of-Way Agent:**  
**Inspector:** Gajendra Sedhain  
**Surveyor:**

Costs	Dollar Amount
Land:	\$16,854.37
Design:	\$456,268.43
Permit Fees:	\$3,019.36
Construction:	\$1,169,078.95
Utilites:	\$11,018.90
<b>Total:</b>	<b>\$1,656,240.01</b>



# STORMWATER SERVICES FUND



**Project Name:** Mt Vernon Government Center  
**Project #:** SD-000031-217  
**Fund #:** 400-C40101  
**District:** Mount Vernon  
**Address:** 365 Herndon Parkway, Herndon, VA 20170  
**Tax Map #:** 48-2

**Scope:**

Partnership project with Facilities Management Department to renovate stormwater facilities and landscaping to improve water quality

**Designed By:** Stantec Consulting Services  
**Constructed By:** Environmental Quality Resources LLC  
**Completion Date:** 11/11/2022  
**Project Manager:** Shannon Bell  
**Construction Manager:** Paul Wertz  
**Inspector:** Gajendra Sedhain

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$298,805.67
Permit Fees:	\$2,711.36
Construction:	\$824,019.93
Utilites:	\$15,905.94
<b>Total:</b>	<b>\$1,141,442.90</b>





# STORMWATER SERVICES FUND

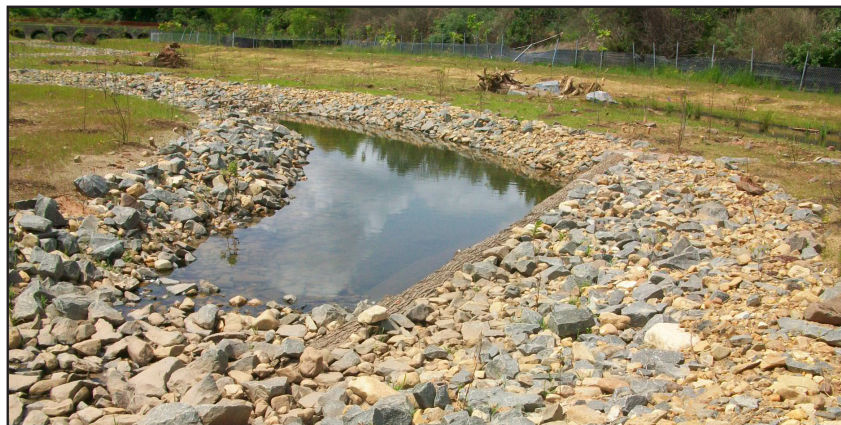
**Project Name:** Schneider Branch Seg 1 @ Sully Rd  
**Project #:** SD-000031-222  
**Fund #:** 400-C40101  
**District:** Sully  
**Address:** Cub Run Stream Valley Park, Chantilly, VA  
**Tax Map #:** 34-3

**Scope:**

Restored ~1,040 linear feet of stream channel using natural channel design for improved water quality. This project installed various habitat features and provided riparian corridor enhancements.

**Designed By:** Wetland Studies & Solutions, Inc.  
**Constructed By:** HGS, LLC  
**Completion Date:** 5/19/2023  
**Project Manager:** Joni Calmbacher  
**Construction Manager:** Janet Grubb-Webber  
**Right-of-Way Agent:**  
**Inspector:**  
**Surveyor:**

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$4,461.50
Design:	\$425,778.78
Permit Fees:	\$4,468.72
Construction:	\$1,217,908.00
Utilites:	\$26,280.79
<b>Total:</b>	<b>\$1,678,897.79</b>



# STORMWATER SERVICES FUND



**Project Name:** [Huntington Feeder Bus](#)  
**Project #:** SD-000031-225  
**Fund #:** 400-C40101  
**District:** Mount Vernon  
**Address:** 6901 Allen Park Road, Lorton, VA 22079  
**Tax Map #:** 99-2

**Scope:**

This project included the installation of Class I and Class II riprap, construction of micro pool, forebay and stilling basin, stabilizing slope with ACB matting, installation of asphalt access road, dredging of 250 CY, replacement of 3 MH and installation of 24", 36" and 48" RCP, installation of VDOT HR-1, and restoration of disturbed area with seeding, plugs, shrubs, etc.

**Designed By:** A. Morton Thomas & Associates  
**Constructed By:** Sagres Construction Corporation  
**Completion Date:** 8/10/2022  
**Project Manager:** Shannon Bell  
**Construction Manager:** Ram Ghimire

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$157,664.30
Permit Fees:	\$2,711.36
Construction:	\$770,341.33
Utilites:	\$667.50
<b>Total:</b>	<b>\$931,384.49</b>



# STORMWATER SERVICES FUND

**Project Name:** Crosspointe Section 12 Pond Improvement (0771DP)  
**Project #:** SD-000033-097  
**Fund #:** 400-C40101  
**District:** Mount Vernon, Springfield  
**Address:** East of 9003 Copperleaf Lane, Fairfax Station, VA 22039  
**Tax Map #:** 97-4

**Scope:**

This project consisted of dredging and removal of sediment, riser modifications including wingwalls, apron, and trash rack, improvements to the existing access road, outfall channel restoration, lengthened flow path, micro-pools, and plantings.

**Designed By:** Rinker Design Associates, PC  
**Constructed By:** Sagres Construction Corporation  
**Completion Date:** 12/20/2022  
**Project Manager:** Ganesh Thapa  
**Construction Manager:** Ian Vinson  
**Inspector:** David Simpson



Costs	Dollar Amount
Land:	\$0.00
Design:	\$121,127.72
Permit Fees:	\$1,878.24
Construction:	\$1,029,971.22
Utilites:	\$867.75
<b>Total:</b>	<b>\$1,153,844.93</b>



# STORMWATER SERVICES FUND



**Project Name:** Centre Ridge (0735DP) Pond Improvement  
**Project #:** SD-000033-098  
**Fund #:** 400-C40101  
**District:** Sully  
**Address:** 14621 Store House Drive, Centreville, VA 20121  
**Tax Map #:** 65-1

**Scope:**

This project performed necessary maintenance, increased performance of the facility, and reduced future maintenance needs. The project included riser modifications, construction of a sediment forebay, installation of micropools within the pond floor, and removal of the existing trickle ditch.

**Designed By:** GKY & Associates, Inc.  
**Constructed By:** Sagres Construction Corporation  
**Completion Date:** 1/18/2023  
**Project Manager:** Thornton Glenn  
**Construction Manager:** Ian Vinson  
**Inspector:** Kenneth Atkins

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$109,015.30
Permit Fees:	\$0.00
Construction:	\$793,353.69
Utilites:	\$585.63
<b>Total:</b>	<b>\$902,954.62</b>



# STORMWATER SERVICES FUND

**Project Name:** [Pleasant Hill Regional Pond \(0872DP\) Improvement](#)  
**Project #:** SD-000033-110  
**Fund #:** 400-C40101  
**District:** Sully  
**Address:** 15389 Martins Hundred Drive, Centreville, VA 20120  
**Tax Map #:** 53-1

**Scope:**

Restored pond floor to original contours, refreshed inflow rip rap, improved low flow BMP system, shortened inflow pipe at headwall from 27 LF to 8 LF, removed vegetation and sediment accumulation.

**Designed By:** MSMD (DPWES)  
**Constructed By:** HGS, LLC  
**Completion Date:** 6/30/2023  
**Project Manager:** Gabby Mikuria  
**Construction Manager:** Gabby Mikuria



Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$89,708.60
Utilites:	\$0.00
<b>Total:</b>	<b>\$89,708.60</b>



# STORMWATER SERVICES FUND



**Project Name:** Clifton Townes (0999DP)  
**Project #:** SD-000033-116  
**Fund #:** 400-C40101  
**District:** Sully  
**Address:** 6786 Jenny Leigh Court, Centreville, Virginia 20121  
**Tax Map #:** 65-3

**Scope:**

The construction repaired visible voids along the dam caused by seepage due to principal spillway pipe conveyance failure and end section separation. The existing riser structure, principal spillway pipe and outfall structure were replaced. Additional internal structures were added after sediment and invasive vegetation was removed. The pond's embankments were also regraded and stabilized.

**Designed By:** GKY & Associates, Inc.  
**Constructed By:** Sagres Construction Corporation  
**Completion Date:** 6/9/2023  
**Project Manager:** Gabby Mikuria  
**Construction Manager:** Paul Wertz  
**Inspector:** Rajan Manandhar

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$84,643.03
Permit Fees:	\$0.00
Construction:	\$190,549.82
Utilites:	\$10,415.68
<b>Total:</b>	<b>\$285,608.53</b>



# STORMWATER SERVICES FUND

**Project Name:** Nutley Pond (WP0020)  
**Project #:** SD-000033-123  
**Fund #:** 400-C40101  
**District:** Providence  
**Address:** 12500 Fair Lakes Circle, Fairfax, VA 22033  
**Tax Map #:** 48-2

**Scope:**

Dredging and removal of approximately 9,850 CY of sediment, rehabilitation of the shoreline with native vegetation, and improving maintenance access to existing facilities.

**Designed By:** Gannett Fleming, Inc.  
**Constructed By:** HGS, LLC  
**Completion Date:** 11/14/2022  
**Project Manager:** Sajan Pokharel  
**Construction Manager:** Ian Vinson  
**Inspector:** Haroon Ander



<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$41,098.22
Permit Fees :	\$4,942.08
Construction:	\$1,458,597.02
Utilites:	\$15,245.14
<b>Total:</b>	<b>\$1,519,882.46</b>



# STORMWATER SERVICES FUND



**Project Name:** Lake Barton (9992WP) Toe Drain  
**Project #:** SD-000033-129  
**Fund #:** 400-C40101  
**District:** Braddock  
**Address:** Behind 10500 Summit Oak Way, Burke, VA 22015  
**Tax Map #:** 77-2

**Scope:**

The project involved replacing the deteriorating corrugated metal toe drainpipe and filter around the outfall impact bas with new filter material, perforated PVC outfall pipes, and inspection/maintenance cleanouts. Additionally, a 66-foot long graded filter drain was installed within the dam embankment, running parallel to the existing internal toe drain system.

**Designed By:** GKY & Associates, Inc.  
**Constructed By:** Sagres Construction Corporation  
**Completion Date:** 6/15/2023  
**Project Manager:** Ganesh Thapa  
**Construction Manager:** Prutha Rueangvivatanakij  
**Inspector:** David Simpson

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$12,542.91
Permit Fees:	\$0.00
Construction:	\$221,133.09
Utilites:	\$0.00
<b>Total:</b>	<b>\$233,676.00</b>





# STORMWATER SERVICES FUND

**Project Name:** Edison High School Clean-Out and Cartridge Replacement  
**Project #:** SD-000033-147  
**Fund #:** 400-C40101  
**District:** Franconia  
**Address:** 5801 Franconia Road, Alexandria, VA 22310  
**Tax Map #:** 81-4

**Scope:**

This project procured 49 replacement StormFilter cartridges, removed accumulated sediment and debris from StormFilter vault and StormGate structure, removed cartridge media, installed new replacement cartridges, hauled and disposed of material at an offsite disposal facility.

**Designed By:** MSMD (DPWES)  
**Constructed By:** HGS, LLC  
**Completion Date:** 5/31/2023  
**Project Manager:** Christopher Meoli  
**Construction Manager:** Christopher Meoli



Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$31,080.00
Utilites:	\$0.00
<b>Total:</b>	<b>\$31,080.00</b>



# STORMWATER SERVICES FUND

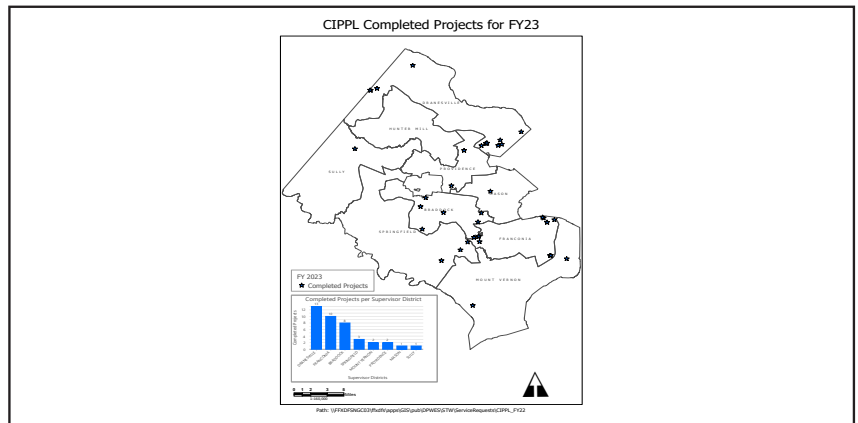


**Project Name:** MSMD - Countywide Pipe Rehabilitation  
**Project #:** SD-000034-018  
**Fund #:** 400-C40101  
**District:** Arlington County, Braddock, City of Alexandria, City of Fairfax, City of Falls Church, Dran Franconia, Hunter Mill, Mason, Mount Vernon, Providence, Springfield, Sully, Town of CI  
**Address:** Town of Herndon, Town of Vienna  
 VA  
**Tax Map #:** Various

**Scope:**  
 Rehabilitation of 1.1 miles of storm sewer pipe through the use of trenchless technology with cured-in-place pipe liners that eliminate land disturbance and extend the life cycle of the pipe by at least 50 years.

**Designed By:** MSMD (DPWES)  
**Constructed By:** Pleasants Construction  
**Completion Date:** 6/30/2023  
**Project Manager:** Michael Dreher  
**Construction Manager:** Michael Dreher  
**Inspector:** Corey Foddrell

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$2,170,881.00
Utilites:	\$0.00
<b>Total:</b>	<b>\$2,170,881.00</b>



# STORMWATER SERVICES FUND

**Project Name:** Cottonwood - Rose Hill Outfall Replacement  
**Project #:** SD-000034-040  
**Fund #:** 400-C40101  
**District:** Franconia  
**Address:** 6512 Rose Hill Drive, Alexandria, VA 22130  
**Tax Map #:** 92-1

**Scope:**

Replacement of 33 linear feet of 42 inch RCP along with one yard inlet and head wall to improve drainage into an unnamed tributary in the Dogue Creek watershed and mitigate flooding.

**Designed By:** Pennoni Associates, Inc.  
**Constructed By:** Brown & Root  
**Completion Date:** 12/22/2022  
**Project Manager:** Michael Dreher  
**Construction Manager:** Michael Dreher  
**Inspector:** Corey Foddrell

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$76,964.90
Design:	\$790,213.13
Permit Fees :	\$590.00
Construction:	\$6,298,399.47
Utilites:	\$31,319.01
<b>Total:</b>	<b>\$7,197,486.51</b>



# STORMWATER SERVICES FUND



**Project Name:** Spring Valley Drive Outfall Restoration  
**Project #:** SD-000034-053  
**Fund #:** 400-C40101  
**District:** Mason  
**Address:** 6540 Spring Valley Drive, Alexandria, VA 22312  
**Tax Map #:** 71-4

**Scope:**

Replacement of end wall and restoration of 27 linear feet of eroded outfall channel leading to Cameron Run using natu design techniques to improve water quality, enhance ecological function, improve floodplain connectivity, and mitigate safety issues.

**Designed By:** Rinker Design Associates, PC  
**Constructed By:** Resource Environmental Solutions  
**Completion Date:** 10/3/2022  
**Project Manager:** Rachael Holland  
**Construction Manager:** Rachael Holland  
**Inspector:** Corey Foddrell

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$7,879.48
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$512,458.00
Utilites:	\$0.00
<b>Total:</b>	<b>\$520,337.48</b>



# STORMWATER SERVICES FUND

**Project Name:** Hummer Road Outfall Restoration  
**Project #:** SD-000034-054  
**Fund #:** 400-C40101  
**District:** Mason  
**Address:** 3614 Hummer Road, Annandale, VA 22003  
**Tax Map #:** 60-3

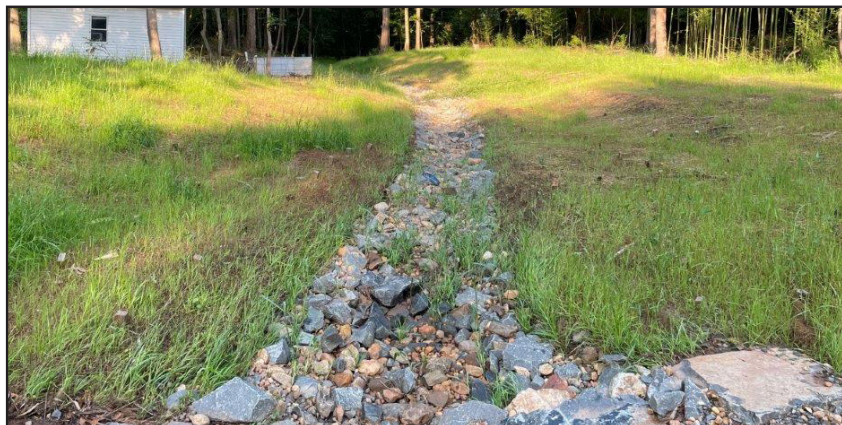
**Scope:**

Restoration of 787 linear feet of eroded outfall channel leading to Accotink Creek using natural design techniques to improve water quality, enhance ecological function, improve floodplain connectivity, and mitigate safety issues.

**Designed By:** Wetland Studies & Solutions, Inc.  
**Constructed By:** Resource Environmental Solutions  
**Completion Date:** 5/5/2023  
**Project Manager:** Morgan Perpall  
**Construction Manager:** Morgan Perpall  
**Inspector:** Corey Foddrell



<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$81,050.09
Design:	\$20,888.62
Permit Fees:	\$0.00
Construction:	\$303,563.10
Utilites:	\$0.00
<b>Total:</b>	<b>\$405,501.81</b>



# STORMWATER SERVICES FUND



**Project Name:** Rolling Creek Outfall Restoration  
**Project #:** SD-000034-056  
**Fund #:** 400-C40101  
**District:** Franconia  
**Address:** 6839 Rolling Creek Way, Alexandria, VA 22315  
**Tax Map #:** 99-2

**Scope:**

Restoration of 1,193 linear feet of eroded outfall channel leading to Accotink Creek using natural design techniques to improve water quality, enhance ecological function, improve floodplain connectivity, and mitigate safety issues.

**Designed By:** Wetland Studies & Solutions, Inc.  
**Constructed By:** Resource Environmental Solutions  
**Completion Date:** 6/30/2023  
**Project Manager:** Rachael Holland  
**Construction Manager:** Rachael Holland  
**Inspector:** Corey Foddrell

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$142,672.07
Permit Fees:	\$0.00
Construction:	\$1,435,739.06
Utilites:	\$0.00
<b>Total:</b>	<b>\$1,578,411.13</b>



# STORMWATER SERVICES FUND

**Project Name:** Woodland Stream Drive Outfall Restoration  
**Project #:** SD-000034-060  
**Fund #:** 400-C40101  
**District:** Franconia  
**Address:** 6106 Woodland Stream Drive, Alexandria, VA 22310  
**Tax Map #:** 81-3

**Scope:**

Restoration of 624 linear feet of eroded outfall channel leading to Cameron Run using natural design techniques to improve water quality, enhance ecological function, improve floodplain connectivity, and mitigate safety issues.

**Designed By:** Wetland Studies & Solutions, Inc.  
**Constructed By:** Resource Environmental Solutions  
**Completion Date:** 1/10/2023  
**Project Manager:** Ashenafi Ashame  
**Construction Manager:** Ashenafi Ashame  
**Inspector:** Corey Foddrell



<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$4,044.18
Design:	\$23,776.62
Permit Fees:	\$0.00
Construction:	\$376,286.70
Utilites:	\$0.00
<b>Total:</b>	<b>\$404,107.50</b>



# STORMWATER SERVICES FUND



**Project Name:** Wellfleet Court Outfall Restoration  
**Project #:** SD-000034-061  
**Fund #:** 400-C40101  
**District:** Dranesville  
**Address:** 2016 Wellfleet Court, Falls Church, VA 22043  
**Tax Map #:** 40-2

**Scope:**

Restoration of 145 linear feet of eroded outfall channel leading to Pimmit Run using natural design techniques to improve water quality, enhance ecological function, improve floodplain connectivity, and mitigate safety issues.

**Designed By:** Wetland Studies & Solutions, Inc.  
**Constructed By:** Resource Environmental Solutions  
**Completion Date:** 12/7/2022  
**Project Manager:** Morgan Perpall  
**Construction Manager:** Morgan Perpall  
**Inspector:** Corey Foddrell

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$20,023.80
Permit Fees:	\$0.00
Construction:	\$162,349.13
Utilities:	\$0.00
<b>Total:</b>	<b>\$182,372.93</b>





# STORMWATER SERVICES FUND

**Project Name:** Madison Meadows Lane Outfall Restoration  
**Project #:** SD-000034-065  
**Fund #:** 400-C40101  
**District:** Sully  
**Address:** 2793 Madison Meadows Lane, Oakton, VA 22124  
**Tax Map #:** 36-4

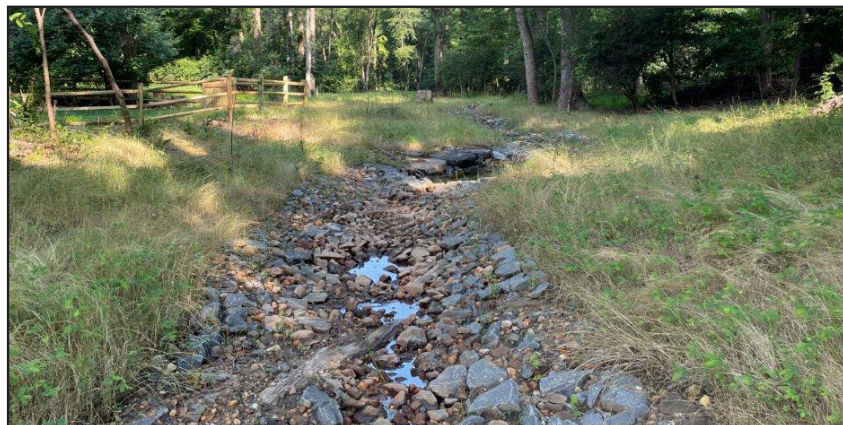
**Scope:**

Restoration of 832 linear feet of eroded outfall channel leading to Difficult Run using natural design techniques to improve water quality, enhance ecological function, improve floodplain connectivity, and mitigate safety issues.

**Designed By:** Wetland Studies & Solutions, Inc.  
**Constructed By:** Resource Environmental Solutions  
**Completion Date:** 4/14/2023  
**Project Manager:** Ashenafi Ashame  
**Construction Manager:** Ashenafi Ashame  
**Inspector:** Corey Foddrell



<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$112,765.67
Permit Fees:	\$0.00
Construction:	\$708,017.19
Utilites:	\$0.00
<b>Total:</b>	<b>\$820,782.86</b>



# STORMWATER SERVICES FUND



**Project Name:** Royal Oak Drive Conveyance Improvements  
**Project #:** SD-000034-066  
**Fund #:** 400-C40101  
**District:** Dranesville  
**Address:** 7520 Royal Oak Drive, McLean, VA 22102  
**Tax Map #:** 21-3

**Scope:**  
 Restoration of 70 linear feet of eroded outfall channel leading to Scotts Run using natural design techniques to improve water quality, enhance ecological function, improve floodplain connectivity, and mitigate safety issues.

**Designed By:** Rinker Design Associates, PC  
**Constructed By:** Resource Environmental Solutions  
**Completion Date:** 3/16/2023  
**Project Manager:** Morgan Perpall  
**Construction Manager:** Morgan Perpall  
**Inspector:** Corey Foddrell

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$17,015.82
Permit Fees:	\$0.00
Construction:	\$120,955.14
Utilites:	\$0.00
<b>Total:</b>	<b>\$137,970.96</b>



# STORMWATER SERVICES FUND

**Project Name:** Westwood Hills Drive Outfall Restoration  
**Project #:** SD-000034-069  
**Fund #:** 400-C40101  
**District:** Sully  
**Address:** 12141 Westwood Hill Drive, Herndon, VA 20171  
**Tax Map #:** 36-1

**Scope:**

Restoration of 320 linear feet of eroded outfall channel leading to Pimmit Run using natural design techniques to improve water quality, enhance ecological function, improve floodplain connectivity, and mitigate safety issues.

**Designed By:** Wetland Studies & Solutions, Inc.  
**Constructed By:** Resource Environmental Solutions  
**Completion Date:** 6/30/2023  
**Project Manager:** Morgan Perpall  
**Construction Manager:** Morgan Perpall  
**Inspector:** Corey Foddrell



<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$255,160.60
Utilities:	\$0.00
<b>Total:</b>	<b>\$255,160.60</b>



# STORMWATER SERVICES FUND



**Project Name:** [Brawner Street Outfall Restoration](#)  
**Project #:** SD-000034-070  
**Fund #:** 400-C40101  
**District:** Dranesville  
**Address:** 1424 Waggaman Circle, McLean, VA 22101  
**Tax Map #:** 30-2

**Scope:**

This project included the restoration of 300 linear feet of eroded outfall channel leading to Pimmit Run using natural design techniques to improve water quality, enhance ecological function, improve floodplain connectivity, and mitigate safety issues.

**Designed By:** Wetland Studies & Solutions, Inc.  
**Constructed By:** Resource Environmental Solutions  
**Completion Date:** 2/12/2023  
**Project Manager:** Morgan Perpall  
**Construction Manager:** Morgan Perpall  
**Inspector:** Corey Foddrell

Costs	Dollar Amount
Land:	\$0.00
Design:	
Permit Fees:	\$0.00
Construction:	\$272,803.51
Utilites:	\$0.00
<b>Total:</b>	<b>\$272,803.51</b>



# STORMWATER SERVICES FUND

**Project Name:** Ridgecrest Drive Drainage Improvement  
**Project #:** SD-000034-071  
**Fund #:** 400-C40101  
**District:** Mount Vernon  
**Address:** 7820 Ridgecrest Drive, Alexandria VA, 22308  
**Tax Map #:** 102-2

**Scope:**

This project provided flood mitigation measures by re-grading the rear yard, raising critical elevations of garage floor, existing driveway, and areas around the driveway, constructing a retaining wall, and installing trench drain with sump pump to connect into a new swale at the rear of the home to safely convey the 100-year storm event.

**Designed By:** Rinker Design Associates, PC  
**Constructed By:** Brown & Root  
**Completion Date:** 12/20/2022  
**Project Manager:** Amir Hamed  
**Construction Manager:** Amir Hamed  
**Inspector:** Corey Foddrell

Costs	Dollar Amount
Land:	\$0.00
Design:	\$57,158.00
Permit Fees:	\$0.00
Construction:	\$212,787.00
Utilites:	\$0.00
<b>Total:</b>	<b>\$269,945.00</b>



# STORMWATER SERVICES FUND



**Project Name:** Salt Meadow Lane Outfall Restoration  
**Project #:** SD-000034-072  
**Fund #:** 400-C40101  
**District:** Dranesville  
**Address:** 1015 Salt Meadow Lane, Mc Lean, VA 22101  
**Tax Map #:** 21-3

**Scope:**

Restoration of 296 linear feet of eroded outfall channel leading to Dead Run using natural design techniques to improve water quality, enhance ecological function, improve floodplain connectivity, and mitigate safety issues.

**Designed By:** Wetland Studies & Solutions, Inc.  
**Constructed By:** Resource Environmental Solutions  
**Completion Date:** 6/20/2023  
**Project Manager:** Ashenafi Ashame  
**Construction Manager:** Ashenafi Ashame  
**Inspector:** Corey Foddrell

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$208,983.45
Utilites:	\$0.00
<b>Total:</b>	<b>\$208,983.45</b>



# SEWER CONSTRUCTION

**Project Name:** Pumping Stations - Wellington II Pump Station Rehabilitation  
**Project #:** WW-000001-019  
**Fund #:** 690-C69300  
**District:** Mount Vernon  
**Address:** 7615A Southdown Road, Alexandria, VA 22308  
**Tax Map #:** 102-2

**Scope:**

This project includes the replacement of the existing pneumatic ejectors with a package submersible pump station, installation of a new 410 LF 2-inch parallel force mains, and rehab of 430 LF of 8-inch gravity sewer.

**Designed By:** Rummel, Klepper & Kahl, LLP  
**Constructed By:** Flippo Construction Company  
**Completion Date:** 10/31/2022  
**Project Manager:** Natasha Schmidt  
**Construction Manager:** Natasha Schmidt  
**Right-of-Way Agent:** Lisa Baker

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$23,770.00
Design:	\$405,938.81
Permit Fees :	\$0.00
Construction:	\$1,611,842.66
Utilites:	\$8,801.70
<b>Total:</b>	<b>\$2,050,353.17</b>



# SEWER CONSTRUCTION



**Project Name:** Sewer Sag Program - Little Hunting Creek Sewer Replacement  
**Project #:** WW-000024-002-A  
**Fund #:** 690-C69300  
**District:** Mount Vernon  
**Address:** Between Woodland Lane and Thomas J. Stockton Parkway, Alexandria, VA 22308  
**Tax Map #:** Various

**Scope:**  
 Replacement of approximately 800' of 12" sewer between Woodland Lane and Thomas J. Stockton Parkway. The replacement sewer will cross under Little Hunting Creek.

**Designed By:** Arcadis U.S. Inc.  
**Constructed By:** Garney Companies, Inc.  
**Completion Date:** 8/18/2022  
**Project Manager:** Matthew Doyle  
**Construction Manager:** Matthew Doyle  
**Right-of-Way Agent:** Lisa Baker

<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$81,651.26
Design:	\$1,076,471.25
Permit Fees:	\$2,573.00
Construction:	\$8,552,351.20
Utilites:	\$15,629.28
<b>Total:</b>	<b>\$9,728,675.99</b>





# SEWER CONSTRUCTION

**Project Name:** Gravity Sewers - Slipline Replacement #1 (Old Mill Road)  
**Project #:** WW-000028-002-E  
**Fund #:** 690-C69300  
**District:** Mount Vernon  
**Address:** Old Mill Road between Mt. Vernon Highway and Dogue Creek, Mount Vernon, VA  
**Tax Map #:** Various

**Scope:**

This project consisted of the replacement of approximately 1,100 feet of 10-inch slip-lined gravity main with a new 16-inch gravity main.

**Designed By:** Arcadis U.S. Inc.  
**Constructed By:** Garney Companies, Inc.  
**Completion Date:** 10/11/2022  
**Project Manager:** Agata Fallon  
**Construction Manager:** Agata Fallon



Costs	Dollar Amount
Land:	\$376,057.69
Design:	\$4,699,883.20
Permit Fees:	\$5,157.24
Construction:	\$6,766,373.90
Utilites:	\$435,923.43
<b>Total:</b>	<b>\$12,283,395.46</b>



## SEWER CONSTRUCTION

**Project Name:** Gravity Sewers-Augusta Drive Sewer Line Improvement  
**Project #:** WW-000028-024  
**Fund #:** 690-C69300  
**District:** Franconia  
**Address:** 5929 Augusta Drive, Springfield, VA 22150  
**Tax Map #:** 80-4

**Scope:**  
 Rehabilitation/replacement of a 189 foot section of 10" diameter gravity sewer.

**Designed By:** Hazen and Sawyer, D.P.C.  
**Constructed By:** Patriot Development Corporation  
**Completion Date:** 9/16/2022  
**Project Manager:** Matthew Doyle  
**Construction Manager:** Matthew Doyle

Costs	Dollar Amount
Land:	\$0.00
Design:	\$62,845.08
Permit Fees:	\$100.00
Construction:	\$342,130.65
Utilites:	\$10,710.40
<b>Total:</b>	<b>\$415,786.13</b>



# SEWER CONSTRUCTION

**Project Name:** Gravity Sewers - Spring Valley Emergency Gravity Sewer Project  
**Project #:** WW-000028-035  
**Fund #:** 690-C69300  
**District:** Mason  
**Address:** 6599 Spring Valley Road, Alexandria, VA 22312  
**Tax Map #:** NA

**Scope:**

This project consisted of repairs to include replacement of a 15" asbestos pipe and stream and site restoration.

**Designed By:** Michael Baker International  
**Constructed By:** Patriot Development Corporation  
**Completion Date:** 11/29/2022  
**Project Manager:** Van Baggett  
**Construction Manager:** Van Baggett



<b>Costs</b>	<b>Dollar Amount</b>
Land:	\$131.08
Design:	\$106,178.26
Permit Fees:	\$0.00
Construction:	\$1,016,148.32
Utilites:	\$15,205.79
<b>Total:</b>	<b>\$1,137,663.45</b>



## SEWER CONSTRUCTION



**Project Name:** Gravity Sewers - Franconia Road Emergency Gravity Sewer  
**Project #:** WW-000028-041  
**Fund #:** 690-C69300  
**District:** Franconia  
**Address:** Brandon Ave. and Franconia Road, Alexandria, VA  
**Tax Map #:** 80-4

**Scope:**

During a routine internal gravity sewer inspection, DPWES found a defective section of 8" gravity sewer pipe located between Brandon Ave./ Franconia Road. DPWES implemented an emergency gravity sewer repair project.

**Designed By:** Wastewater Design and Construction Division  
**Constructed By:** Sagres Construction Corporation  
**Completion Date:** 10/26/2022  
**Project Manager:** Matthew Doyle  
**Construction Manager:** Matthew Doyle

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$157,399.57
Utilites:	\$0.00
<b>Total:</b>	<b>\$157,399.57</b>



# SEWER CONSTRUCTION

**Project Name:** Gravity Sewers - Wolf Trap Emergency Gravity Sewer Repair  
**Project #:** WW-000028-042  
**Fund #:** 690-C69300  
**District:** Hunter Mill  
**Address:** 1441 Rosewood Hill Drive, Vienna, VA 22182  
**Tax Map #:** 19-3

**Scope:**

Upon inspection DPWES found an 8" gravity sewer pipe that had been damaged due to recent flooding within the Wolf Trap Creek Stream Valley. Repairs included a temporary access road, temporary by-pass pumping, repair/replacement of the 120 feet of 8" pipe, additional protection for the 8" sewer pipe, and stream and site restoration.

**Designed By:** Dewberry Engineers, Inc.  
**Constructed By:** Flippo Construction Company  
**Completion Date:** 5/12/2023  
**Project Manager:** Matthew Doyle  
**Construction Manager:** Matthew Doyle



Costs	Dollar Amount
Land:	\$0.00
Design:	\$105,125.87
Permit Fees:	\$0.00
Construction:	\$714,374.97
Utilites:	\$267.00
<b>Total:</b>	<b>\$819,767.84</b>



## SEWER CONSTRUCTION



**Project Name:** Gravity Sewers - Joseph Barnes Battery Park Gravity Sewer  
**Project #:** WW-000028-048  
**Fund #:** 690-C69300  
**District:** Mason  
**Address:** 4800 Chowan Ave., Alexandria, VA 22312  
**Tax Map #:** 72-1

**Scope:**  
 Emergency spot repair of a 15" gravity sewer pipe.

**Designed By:** Wastewater Design and Construction Division  
**Constructed By:** C.A. Murren & Sons Company, Inc.  
**Completion Date:** 5/3/2023  
**Project Manager:** Matthew Doyle  
**Construction Manager:** Matthew Doyle

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$424,047.38
Utilites:	\$0.00
<b>Total:</b>	<b>\$424,047.38</b>











# **SECTION 4**

## **GLOSSARY OF ACRONYMS**



## GLOSSARY OF ACRONYMS


ADA	Americans with Disabilities Act
BMP	Best Management Practices
CCP	County Construction Projects
CCTV	Closed Circuit Television
CMAC	Continuous Monitoring and Control
CSR&R	Collection System Replacement & Rehabilitation
CSYP	County Six Year Plan
DPWES	Department of Public Works and Environmental Services
DVS	Department of Vehicle Services
EB	Eastbound
ENR	Engineering News Record
FCDOT	Fairfax County Department of Transportation
FCRMIP	Fairfax County Road Maintenance and Improvement Program
HAWK	High-Intensity Activated Crosswalk
HMSAMS	Herndon Metrorail Stations Access Management Study
HVAC	Heating, Ventilation, and Air Conditioning
LED	Light Emitting Diode
MGD	Millions of Gallons
MSMD	Maintenance and Stormwater Management Division
NA	Not Applicable
NB	Northbound
P3	Public Private Partnerships
PD	Pond
PI	Pedestrian Improvements
PVC	Polyvinyl Chloride
RBSS	Reston Bike Share Station
RCP	Reinforced Concrete Pipe
SB	Southbound
SRTS	Safe Routes to School
SWPD	Stormwater Planning Division
SWQI	Stream and Water Quality Improvements
TCP	Traffic Calming Project
TMSAMS	Tysons Metrorail Station Access Management Study
VDOT	Virginia Department of Transportation
WB	Westbound
WDCD	Wastewater Design and Construction Division









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