



DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES

CAPITAL CONSTRUCTION FY 2024 COMPLETED PROJECTS





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CAPITAL CONSTRUCTION

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Front Cover Top (l-r): Workhouse Campus Buildings W13 and W15, Raw Wastewater Pumping System Rehabilitation/Replacement, Monument Transit Center Garage, South County Police Station and Animal Shelter, Rocky Run Tributary Stream Restoration

Front Cover Bottom (l-r): Crook Branch at Mantua Elementary School Stream Restoration, Sully Community Center Solar Panels, Sleepy Hollow Road Walkway

MESSAGE FROM THE DIRECTOR



As one department, we create and preserve a sustainable Fairfax County. The Department of Public Works and Environmental Services (DPWES), collaborating with many partner agencies and the community, leads the implementation of projects necessary to realize Fairfax County’s Capital Improvement Program.

DPWES work includes planning, design and construction for public buildings and infrastructure including fire stations, community centers, and libraries; walkways and transportation improvements; stormwater controls and stream restorations; wastewater collection pipes and pump stations; and wastewater treatment plant improvements. In Fiscal Year 2024, the DPWES Capital Facilities team completed 69 projects representing a reinvestment in our community of \$309,407,439 approved by the Board of Supervisors.

Overcoming the industry-wide challenges of rapidly escalating costs, continued supply chain interruptions, and shortages of qualified staff, DPWES once again delivered award-winning critical infrastructure projects necessary to ensure the continued vitality of Fairfax County. Planning, designing, and constructing these essential public projects are only possible with the expertise and persistence of our talented team of professional engineers, architects, surveyors, technicians, ecologists, inspectors, landscape architects, urban foresters, land acquisition specialists, heavy equipment operators, administrative assistants, and others who constitute the public service-oriented workforce of DPWES.

DPWES also takes great pride in advancing the Board of Supervisors’ environmental policies. Our track record of over forty LEED Certified Green Building projects, including our first LEED Platinum certified project in Fiscal Year 2024, and our growing commitment to the Envision sustainability program for infrastructure projects with six new Envision pilots demonstrates our commitment to a sustainable and resilient built environment.

I am exceptionally proud of the work that has once again been accomplished by the DPWES Capital Facilities team to ensure Fairfax County remains a great place to live, work, and play by providing safe, sustainable, and reliable infrastructure.

**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

Gregg Steverson, 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.

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,

SUSTAINABLE DEVELOPMENT PROGRAM

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 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.

SUSTAINABLE DEVELOPMENT PROGRAM

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.
To support implementation of county sustainability goals Capital Facilities advocates staff training and certification, and there are forty (40) LEED® and/or Envision trained and certified staff to facilitate and manage these programs.
- **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 2024. 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 2024, DPWES administered numerous A/E and construction contracts, directed miscellaneous construction service contracts awarded by the Department of Procurement and Material Management, and monitored 12 construction funds with FY 2023 appropriations of \$553,481,702.

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

Bus Stop Improvements, Patrick Henry Drive NB at Brook Drive	CR-000007-003	\$71,710.60	Mason	22
Bus Stop Improvements, Patrick Henry Drive NB at Greenwood Dr	CR-000007-002	\$42,394.95	Mason	23
Springfield Gateway Signs	CR-000011-001	\$263,934.93	Franconia	24
Sully Community Center Solar Panels	HS-000022-001	\$800,000.00	Sully	25
Workhouse Buildings W13/W15	GF-000019-002	\$7,244,610.19	Mount Vernon	26

FUND 300-C30015 ENVIRONMENTAL AND ENERGY

EV CHG Springfield Warehouse	GF-000063-002	\$172,028.98	Springfield	27
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FUND 300-C30050 TRANSPORTATION IMPROVEMENTS

Backlick Road Sidewalk, Kandel Court to Cindy Lane	5G25-060-020	\$1,811,593.24	Mason	28
Bowling Green Drive Traffic Calming	2G25-076-059	\$109,206.34	Providence	29
Brookside Drive Traffic Calming	2G25-076-068	\$37,495.69	Mason	30
Dana Avenue Traffic Calming	2G25-076-073	\$39,862.32	Franconia	31
Fairfax Farms Road Traffic Calming	2G25-076-075	\$37,966.53	Springfield	32
Forestville Drive Traffic Calming	2G25-076-078	\$42,116.15	Dranesville	33
Fort Drive Traffic Calming	2G25-076-067	\$20,895.50	Mount Vernon	34
Gateshead Road Traffic Calming	2G25-076-071	\$51,074.32	Mount Vernon	35
Glenbrook Road Traffic Calming	2G25-076-076	\$31,599.25	Providence	36
Hampton Knoll Drive Traffic Calming	2G25-076-070	\$36,735.04	Franconia	37
Inverchapel Road Traffic Calming	2G25-076-072	\$93,145.44	Braddock	38
Karl Road Traffic Calming	2G25-076-079	\$29,098.26	Mount Vernon	39
Miller Heights Road Traffic Calming	2G25-076-074	\$100,955.38	Providence	40

SUMMARY LIST OF COMPLETED PROJECTS

PROJECT NAME	PROJECT #	COST	DISTRICT	PAGE
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Red Fox Drive Traffic Calming	2G25-076-069	\$43,964.69	Braddock	41
Rose Lane Traffic Calming	2G25-076-066	\$72,008.97	Mason	42
Woodburn Road at Pine Ridge Park Entrance Crosswalk	2G40-197-011	\$94,016.21	Countywide	43

FUND 300-C30070 PUBLIC SAFETY CONSTRUCTION

South County Police Station/Animal Shelter	PS-000009-001	\$30,824,957.93	Mount Vernon	44
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FUND 400-C40011 C&I TRANSPORTATION PROJECTS

Bus Stop Improvements, Backlick Road NB at Cabin John Road (#1264)	TS-000014-043	\$59,800.76	Franconia	45
Bus Stop Improvements, Blake Lane NB at Lindenbrook Street (#57)	TS-000017-046	\$18,000.02	Braddock	46
Bus Stop Improvements, Blake Lane SB at Lindenbrook Street (#005)	TS-000017-045	\$46,083.19	City of Fairfax	47
Bus Stop Improvements, Burke Lake Road NB at Lake Braddock Drive (#181)	TS-000011-037	\$83,932.06	Braddock	48
Bus Stop Improvements, Burke Lake Road SB at Lake Braddock Drive (#01381)	TS-000011-036	\$43,684.32	Braddock	49
Bus Stop Improvements, Elden Street SB at Alabama Drive	TS-000012-028	\$148,108.72	Dranesville	50
Bus Stop Improvements, Lee Highway WB at Bisvey Drive (#5001355)	TS-000017-044	\$57,720.16	Providence	51
Bus Stop Improvements, Nutley Street NB at Barrick Street (#181)	TS-000017-047	\$44,854.72	Providence	52
Bus Stop Improvements, Park Meadow Drive WB at Meadow Wood Lane (#03069)	TS-000019-008	\$49,050.49	Sully	53
Bus Stop Improvements, Parkers Lane NB at Sherwood Hall Lane	TS-000016-058	\$87,656.00	Mount Vernon	54
Bus Stop Improvements, Pole Road SB at Orville Street (#03096)	TS-000016-057	\$41,660.21	Mount Vernon	55
Bus Stop Improvements, Rose Hill Drive NB at Leewood Drive (#03166)	TS-000014-044	\$45,163.37	Franconia	56

SUMMARY LIST OF COMPLETED PROJECTS

PROJECT NAME	PROJECT #	COST	DISTRICT	PAGE
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FUND 400-C40011 C&I TRANSPORTATION PROJECTS (CONTINUED)

Bus Stop Improvements, Wiehle Avenue NB at North Shore Drive (#03807)	TS-000013-046	\$115,275.32	Hunter Mill	57
Magarity Road Walkway from Ware Road to Peabody Drive	2G40-088-025	\$4,789,647.47	Countywide	58
Route 50 Shared Use Path, Blake Lane to Stonehurst Drive	2G40-088-072	\$1,421,647.17	Providence	59
Route 50 Walkway, Cedar Lane to Prosperity Avenue	2G40-088-075	\$1,648,324.39	Providence	60
Route 50 Walkway, Ellenwood Drive to Chichester Lane, Phase A	2G40-088-079	\$333,171.95	Providence	61
Sleepy Hollow Road Walkway, Columbia Pike to Route 7	2G40-088-028	\$6,984,848.23	Mason	62

FUND 400-C40017 NVTA 70% CAPITAL

Rt 1 BRT FTA Ineligible NVTA 70%	2G40-162-007	\$590,099.00	Countywide	63
Rt 1 BRT RW Land Acquisition NVTA 70%	2G40-162-004	\$90,701.35	Countywide	64

FUND 400-C40101 STORMWATER SERVICES FUND

Accotink Tributary at Danbury Forest (AC82-0003)	SD-000031-179	\$3,233,098.02	Braddock	65
Ashburton Manors Sec 1 & 2	SD-000031-221	\$1,247,446.73	Sully	66
Circle Woods Section 2 Pond Improvement (0217DP)	SD-000033-106	\$680,303.75	Providence	67
Crook Branch at Mantua Elementary School	SD-000031-135	\$4,219,412.88	Countywide	68
Crosspointe Section 18 Pond Improvement (0772DP)	SD-000033-096	\$885,973.93	Mount Vernon	69
EMTA West Ox Facility Dredge (0047WP)	SD-000033-081	\$924,192.06	Springfield	70
Foxfield Cub Run PSP Replacement/Dam Repair (0842DP)	SD-000033-095	\$458,063.65	Sully	71
Green Trails Little Rocky Run Dredge/Facility Rehabilitation (WP0116)	SD-000033-099	\$784,042.98	Sully	72
Newington Commons, Sec. 1 Pond B (0283DP)	SD-000033-115	\$389,431.20	Mount Vernon	73

SUMMARY LIST OF COMPLETED PROJECTS

PROJECT NAME	PROJECT #	COST	DISTRICT	PAGE
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Popes Head Creek Tributary at Havenner Road (PH82-0001 / PH9204)	SD-000031-173	\$4,759,483.74	Springfield	74
Rabbit Branch Tributary at Collingham Drive	SD-000031-212	\$4,308,910.73	Braddock	75
Rocky Branch Tributary at Ashlawn Park	SD-000031-239	\$1,627,099.37	Providence	76
Rocky Run Tributary at Dulles Access Road	SD-000031-213	\$1,889,851.62	Dranesville	77
Stormwater Wastewater Facility	SD-000039-001	\$53,923,329.00	Braddock	78

FUND 500-C50000 FEDERAL-STATE GRANT FUND

Monument Drive Parking Garage/ Transit Center	TF-000044-002	\$36,800,637.79	Braddock	79
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FUND 690-C69000 SEWER BOND REVENUE

Madison Court Emergency Gravity Sewer Project	WW-000028-053	\$1,125,836.14	Dranesville	80
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FUND 690-C69300 SEWER CONSTRUCTION

Carderock Gravity Sanitary Sewer Interceptor Rehabilitation	WW-000026-004	\$4,681,509.80	Dranesville	81
Chain Bridge Road Gravity Sewer Capacity Improvement	WW-000001-024-A	\$1,920,435.95	Dranesville	82
Coon Branch Sanitary Sewer Replacement (Phase 1)	WW-000028-028	\$187,000.00	Mason	83
Fisher Drive Emergency Gravity Sewer Project	WW-000028-052	\$69,902.54	Hunter Mill	84
Langley School PS and FM Replacement - Phase 1	WW-000001-024	\$3,857,901.48	Dranesville	85
Motor Control Center and Distribution Center Replacements, NMCPCP	WW-000009-002	\$103,844,199.00	Mount Vernon	86
Mount Vernon Terrace Force Main Replacement	WW-000008-004	\$2,919,428.34	Mount Vernon	87
Raw Wastewater Pumping System Rehabilitation/Replacement- B3	WW-000009-012	\$13,096,352.46	Mount Vernon	88
Reservoir Road Emergency Gravity Sewer Repair	WW-000028-051	\$812,358.25	Springfield	89
Riverwood Force Main Rehabilitation	WW-000008-012	\$1,990,437.49	Mount Vernon	90

TOTAL: \$309,407,438.71

GENERAL CONSTRUCTION & CONTRIBUTIONS

Project Name: Bus Stop Improvements, Patrick Henry Drive NB at Brook Drive (#5001177)
Project #: CR-000007-003
Fund #: 300-C30010
District: Mason
Address: Intersection of Patrick Henry Drive NB and Brook Drive, Falls Church 22044
Tax Map #: 51-3

Scope:
 Installation of a bus loading pad with shelter, bench, trash can, sidewalk, detectable warning surface, and associated grading.

Designed By: Parsons Transportation Group, Inc.
Constructed By: M&F Concrete Inc.
Completion Date: 5/15/2024
Project Manager: Galappa Dasappa Madhusudhan
Construction Manager: Craig Carlin
Right-of-Way Agent: Jocelyn Campbell
Inspector: Gajendra Sedhain
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$22,617.75
Design:	\$5,300.19
Permit Fees:	\$134.71
Construction:	\$43,624.57
Utilities:	\$33.38
Total:	\$71,710.60



GENERAL CONSTRUCTION & CONTRIBUTIONS

Project Name: Bus Stop Improvements, Patrick Henry Drive NB at Greenwood Drive (#5001914)
Project #: CR-000007-002
Fund #: 300-C30010
District: Mason
Address: Patrick Henry Drive NB at Greenwood Drive, Falls Church, VA 22044
Tax Map #: 51-3

Scope:
 Installation of a loading pad with shelter, bench, trash can, detectable warning surface, and associated grading.

Designed By: Parsons Transportation Group, Inc.
Constructed By: M&F Concrete Inc.
Completion Date: 7/10/2023
Project Manager: Galappa Dasappa Madhusudhan
Construction Manager: Craig Carlin
Right-of-Way Agent: Jocelyn Campbell
Inspector: Haroon Ander
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$7,638.17
Design:	\$2,511.22
Permit Fees:	\$114.96
Construction:	\$32,063.85
Utilities:	\$66.75
Total:	\$42,394.95



GENERAL CONSTRUCTION & CONTRIBUTIONS

Project Name: Springfield Gateway Signs
Project #: CR-000011-001
Fund #: 300-C30010
District: Franconia
Address: Various locations around Springfield, VA
Tax Map #: 80-3, 80-4, 90-1, 90-2

Scope:
 Improvements to the identification and visibility of the Springfield core area, a series of welcome signs placed at key road entry points within the community.

Designed By:
Constructed By: M&F Concrete Inc.
Completion Date: 10/30/2023
Project Manager: Masoud Hojatzadeh
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Rajan Manandhar
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$23,647.28
Permit Fees:	\$0.00
Construction:	\$228,834.21
Utilities:	\$11,453.44
Total:	\$263,934.93



GENERAL CONSTRUCTION & CONTRIBUTIONS

Project Name: Sully Community Center Solar Panels
Project #: HS-000022-001
Fund #: 300-C30010
District: Sully
Address: 13800 Wall Road, Herndon, VA 20171
Tax Map #: 24-1

Scope:
 Installation of a 180-kilowatt rooftop solar photovoltaic array at Sully Community Center.

Designed By: RRMM Architects PC
Constructed By: Henley Construction Company
Completion Date: 11/1/2023
Project Manager: Revathi Vohra
Construction Manager: Si Mohamed Ghiwane
Right-of-Way Agent:
Inspector:
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$800,000.00
Utilities:	\$0.00
Total:	\$800,000.00



GENERAL CONSTRUCTION & CONTRIBUTIONS

Project Name: Workhouse Buildings W13/W15
Project #: GF-000019-002
Fund #: 300-C30010
District: Mount Vernon
Address: 9514 and 9517 Workhouse Way, Lorton, VA 22079
Tax Map #: 106-4

Scope:
 Warm-lit-shell renovation of approximately 10,000 square feet for future food and beverage tenant fit-outs at historic Workhouse Campus Buildings W-13 and W-15, located at 9514 and 9517 Workhouse Way, Lorton, VA. Associated site enhancements include a central boardwalk, hardscape, landscape, and outdoor furnishing upgrades, stormwater facility installation, Workhouse Way paving and accessibility modifications, as well as streetscape improvements along Ox Road.

Designed By: Samaha Associates
Constructed By: Facility Support Services, LLC
Completion Date: 12/13/2023
Project Manager: Eileen Gasteiger
Construction Manager: Leykun Abteu
Right-of-Way Agent:
Inspector: Jeffrey Bartlett
Surveyor:

Costs	Dollar Amount
Land:	\$123.66
Design:	\$1,741,974.19
Permit Fees:	\$29,847.79
Construction:	\$5,411,238.67
Utilities:	\$61,425.88
Total:	\$7,244,610.19



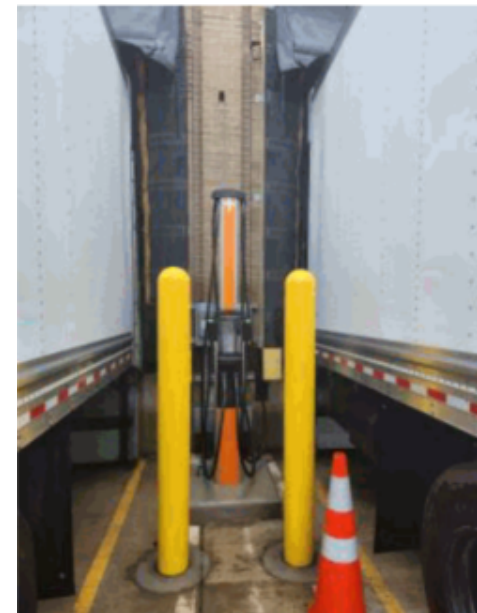
ENVIRONMENTAL AND ENERGY

Project Name: EV CHG Springfield Warehouse
Project #: GF-000063-002
Fund #: 300-C30015
District: Springfield
Address: 6800A Industrial Road, Springfield, VA 22151
Tax Map #: 80-2

Scope:
 Infrastructure provided for a dual-port electric vehicle charging station for Springfield Warehouse.

Designed By: Grimm + Parker Architects
Constructed By: Hitt Contracting, Inc.
Completion Date: 12/13/2023
Project Manager: Luis Rosario
Construction Manager: Susannah Cretal
Right-of-Way Agent:
Inspector: Jeffrey Bartlett
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$14,056.91
Permit Fees:	\$0.00
Construction:	\$157,972.07
Utilities:	\$0.00
Total:	\$172,028.98



TRANSPORTATION IMPROVEMENTS



Project Name: Backlick Road Sidewalk, Kandel Court to Cindy Lane
Project #: 5G25-060-020
Fund #: 300-C30050
District: Mason
Address: Backlick Road from Kandel Court to Cindy Lane, Annandale, VA 22003
Tax Map #: 71-1

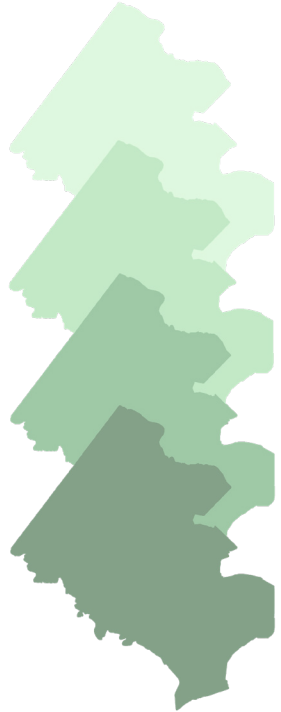
Scope:
 Construction of approximately 750 linear feet of concrete sidewalk, including retaining wall and railing, along the east side of Backlick Road.

Designed By: WSP USA Environment & Infrastructure
Constructed By: Sagres Construction Corporation
Completion Date: 4/8/2024
Project Manager: Latesa Turner
Construction Manager: Michael Stevens
Right-of-Way Agent: Kelly Alcon
Inspector: Joseph Adzovie
Surveyor:

Costs	Dollar Amount
Land:	\$165,435.89
Design:	\$308,709.84
Permit Fees:	\$4,586.00
Construction:	\$1,240,849.48
Utilities:	\$92,012.03
Total:	\$1,811,593.24



TRANSPORTATION IMPROVEMENTS



Project Name: Bowling Green Drive Traffic Calming
Project #: 2G25-076-059
Fund #: 300-C30050
District: Providence
Address: Bowling Green Drive, Vienna, VA 22180
Tax Map #: 49-1

Scope:
 Installation of signage, traffic calming devices, and permanent pavement markings.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 3/15/2024
Project Manager: Steven Kjar Knudsen
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Sampson Asomugha
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$55,209.05
Permit Fees:	\$0.00
Construction:	\$53,961.24
Utilities:	\$36.05
Total:	\$109,206.34



TRANSPORTATION IMPROVEMENTS



Project Name: Brookside Drive Traffic Calming
Project #: 2G25-076-068
Fund #: 300-C30050
District: Mason
Address: Brookside Drive, Alexandria, VA 22312
Tax Map #: 72-1

Scope:
 Installation of signage, traffic calming devices, and permanent pavement markings.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 9/27/2023
Project Manager: Steven Kjar Knudsen
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Joseph Adzovie
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$37,171.28
Utilities:	\$324.41
Total:	\$37,495.69



TRANSPORTATION IMPROVEMENTS



Project Name: Dana Avenue Traffic Calming
Project #: 2G25-076-073
Fund #: 300-C30050
District: Franconia
Address: Dana Avenue, Springfield, VA 22150
Tax Map #: 80-3

Scope:
 Installation of signage, traffic calming devices, and permanent pavement markings.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 1/3/2024
Project Manager: Steven Kjar Knudsen
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Vijay Ghimire
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$39,862.32
Utilities:	\$0.00
Total:	\$39,862.32



TRANSPORTATION IMPROVEMENTS

Project Name: Fairfax Farms Road Traffic Calming
Project #: 2G25-076-075
Fund #: 300-C30050
District: Springfield
Address: Fairfax Farms Road, Fairfax, VA 22033
Tax Map #: 46-4

Scope:
 Installation of signage, traffic calming devices, and permanent pavement markings.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 3/13/2024
Project Manager: Steven Kjar Knudsen
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Sampson Asomugha
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees :	\$0.00
Construction:	\$37,966.53
Utilities:	\$0.00
Total:	\$37,966.53



TRANSPORTATION IMPROVEMENTS

Project Name: Forestville Drive Traffic Calming
Project #: 2G25-076-078
Fund #: 300-C30050
District: Dranesville
Address: Forestville Drive, Great Falls, VA 22066
Tax Map #: 19-1, 19-2, 19-3, 19-4

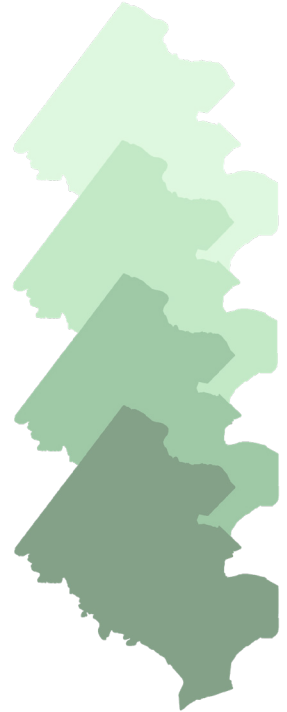
Scope:
 Installation of two speed humps and one speed table on Forestville Drive between Fairpine Lane and Farmingdale Court and Meadow Shire Lane.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 5/9/2024
Project Manager: Steven Kjar Knudsen
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Dharam Sharma
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees :	\$0.00
Construction:	\$42,116.15
Utilities:	\$0.00
Total:	\$42,116.15



TRANSPORTATION IMPROVEMENTS



Project Name: Fort Drive Traffic Calming
Project #: 2G25-076-067
Fund #: 300-C30050
District: Mount Vernon
Address: Fort Drive, Alexandria, VA 22303
Tax Map #: 83-3

Scope:
 Installation of signage, traffic calming devices, and permanent pavement markings.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 8/3/2023
Project Manager: Steven Kjar Knudsen
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Rajan Manandhar
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$20,828.75
Utilities:	\$66.75
Total:	\$20,895.50



TRANSPORTATION IMPROVEMENTS



Project Name: Gateshead Road Traffic Calming
Project #: 2G25-076-071
Fund #: 300-C30050
District: Mount Vernon
Address: Gateshead Road, Alexandria, VA 22309
Tax Map #: 101-3

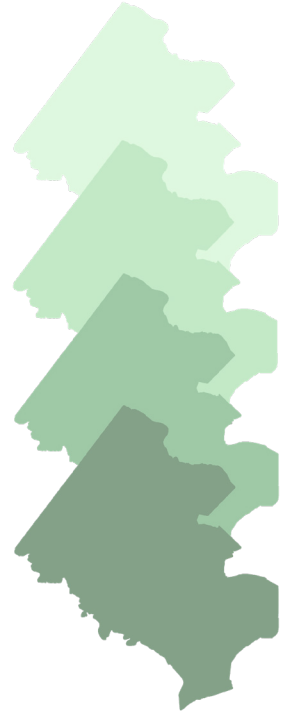
Scope:
 Installation of signage, traffic calming devices, and permanent pavement markings.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 11/8/2023
Project Manager: Steven Kjar Knudsen
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Rajan Manandhar
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$51,038.27
Utilities:	\$36.05
Total:	\$51,074.32



TRANSPORTATION IMPROVEMENTS



Project Name: Glenbrook Road Traffic Calming
Project #: 2G25-076-076
Fund #: 300-C30050
District: Providence
Address: Glenbrook Road, Fairfax, VA 22031
Tax Map #: 58-2

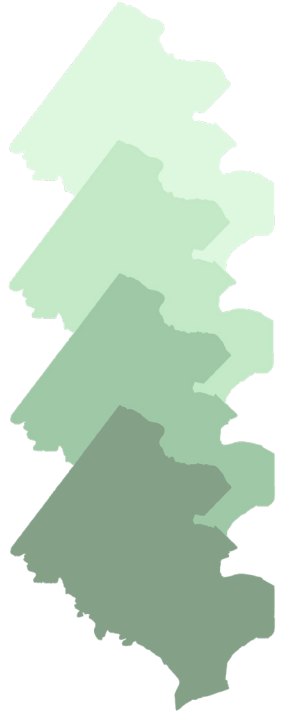
Scope:
 Installation of signage, traffic calming devices, and permanent pavement markings.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 3/14/2024
Project Manager: Steven Kjar Knudsen
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Gajendra Sedhain
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$31,599.25
Utilities:	\$0.00
Total:	\$31,599.25



TRANSPORTATION IMPROVEMENTS



Project Name: Hampton Knoll Drive Traffic Calming
Project #: 2G25-076-070
Fund #: 300-C30050
District: Franconia
Address: Hampton Knoll Drive, Alexandria, VA 22315
Tax Map #: 81-4

Scope:
 Installation of signage, traffic calming devices, and permanent pavement markings.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 1/12/2024
Project Manager: Steven Kjar Knudsen
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Vijay Ghimire
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$144.18
Permit Fees:	\$0.00
Construction:	\$36,446.68
Utilities:	\$144.18
Total:	\$36,735.04



TRANSPORTATION IMPROVEMENTS



Project Name: Inverchapel Road Traffic Calming
Project #: 2G25-076-072
Fund #: 300-C30050
District: Braddock
Address: Inverchapel Road, Springfield, VA 22151
Tax Map #: 70-3

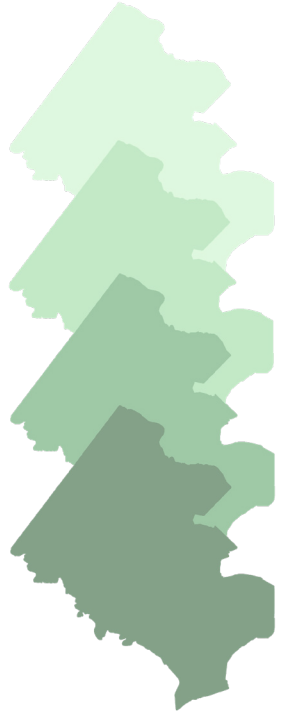
Scope:
 Installation of signage, traffic calming devices, and permanent pavement markings.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 3/8/2024
Project Manager: Steven Kjar Knudsen
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Kenneth Atkins
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$93,145.44
Utilities:	\$0.00
Total:	\$93,145.44



TRANSPORTATION IMPROVEMENTS



Project Name: Karl Road Traffic Calming
Project #: 2G25-076-079
Fund #: 300-C30050
District: Mount Vernon
Address: Karl Road from Collingwood Road to Shenandoah Road, Fort Hunt, VA 22308
Tax Map #: 102-1

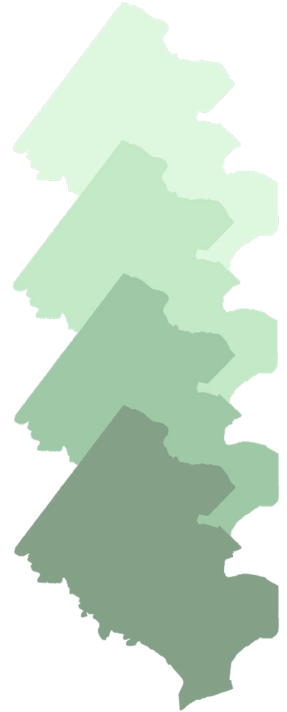
Scope:
 Installation of two speed humps on Karl Road between Collingwood Road and Shenandoah Road.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 5/30/2024
Project Manager: Steven Kjar Knudsen
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: David Simpson
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$29,098.26
Utilities:	\$0.00
Total:	\$29,098.26



TRANSPORTATION IMPROVEMENTS



Project Name: Miller Heights Road Traffic Calming
Project #: 2G25-076-074
Fund #: 300-C30050
District: Providence
Address: Miller Heights Road, Oakton, VA 22124
Tax Map #: 46-2

Scope:
 Installation of signage, traffic calming devices, and permanent pavement markings.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 3/12/2024
Project Manager: Steven Kjar Knudsen
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Sampson Asomugha
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$126.16
Permit Fees :	\$0.00
Construction:	\$100,829.22
Utilities:	\$0.00
Total:	\$100,955.38



TRANSPORTATION IMPROVEMENTS



Project Name: Red Fox Drive Traffic Calming
Project #: 2G25-076-069
Fund #: 300-C30050
District: Braddock
Address: Red Fox Drive, Annandale, VA 22003
Tax Map #: 69-4

Scope:
 Installation of signage, traffic calming devices, and permanent pavement markings.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 11/8/2023
Project Manager: Steven Kjar Knudsen
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Rajan Manandhar
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees :	\$0.00
Construction:	\$43,928.64
Utilities:	\$36.05
Total:	\$43,964.69



TRANSPORTATION IMPROVEMENTS

Project Name: Rose Lane Traffic Calming
Project #: 2G25-076-066
Fund #: 300-C30050
District: Mason
Address: Rose Lane, Annandale, VA 22003
Tax Map #: 60-4

Scope:
 Installation of signage, traffic calming devices, and permanent pavement markings.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 8/31/2023
Project Manager: Steven Kjar Knudsen
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Joseph Adzovie
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees :	\$0.00
Construction:	\$71,942.21
Utilities:	\$66.76
Total:	\$72,008.97



TRANSPORTATION IMPROVEMENTS

Project Name: Woodburn Road at Pine Ridge Park Entrance Crosswalk
Project #: 2G40-197-011
Fund #: 300-C30050
District: Mason, Providence
Address: Intersection of Woodburn Road and Pine Ridge Park Entrance, Annandale, VA 22003
Tax Map #: 59-1

Scope:
 Installation of a median refuge island and new painted crosswalk.

Designed By: Rinker Design Associates
Constructed By: M&F Concrete Inc.
Completion Date: 6/25/2024
Project Manager: Seyedbehnam Elahi
Construction Manager: Jeffrey Fasceski
Right-of-Way Agent:
Inspector: Sampson Asomugha
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$71,461.98
Permit Fees :	\$0.00
Construction:	\$21,033.77
Utilities:	\$1,520.46
Total:	\$94,016.21



PUBLIC SAFETY CONSTRUCTION

Project Name: South County Police Station/Animal Shelter
Project #: PS-000009-001
Fund #: 300-C30070
District: Mount Vernon
Address: 8855 and 8875 Lorton Road, Lorton, VA 22079
Tax Map #: 106-4

Scope:
 Construction of a new 53,000 square-foot police facility, including a 30,000 square-foot police station (8855 Lorton Road) and a 23,000 square-foot animal shelter facility (8875 Lorton Road). Location is the Lorton Road Triangle site between Workhouse and Hoops Roads.

Designed By: Aecom Technical Services
Constructed By: Forrester Construction Company
Completion Date: 9/27/2023
Project Manager: Revathi Vohra
Construction Manager: Jyh-Mei Lee
Right-of-Way Agent:
Inspector: Arthur Patterson
Surveyor:

Costs	Dollar Amount
Land:	\$39,060.66
Design:	\$3,273,544.56
Permit Fees :	\$491,497.77
Construction:	\$26,498,664.80
Utilities:	\$522,190.14
Total:	\$30,824,957.93



C&I TRANSPORTATION PROJECTS

Project Name: Bus Stop Improvements, Backlick Road NB at Cabin John Road (#1264)
Project #: TS-000014-043
Fund #: 400-C40011
District: Franconia
Address: Backlick Road NB at Cabin John Road, Springfield, VA 22150
Tax Map #: 80-2

Scope:
 Installation of a shelter, bench, and trash can.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 7/7/2023
Project Manager: Sergio GuizadoHinojosa
Construction Manager: Craig Carlin
Right-of-Way Agent: Jim Strayhorne
Inspector: Rajan Manandhar
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$852.02
Design:	\$1,281.44
Permit Fees :	\$112.32
Construction:	\$57,488.23
Utilities:	\$66.75
Total:	\$59,800.76



C&I TRANSPORTATION PROJECTS



Project Name: Bus Stop Improvements, Blake Lane NB at Lindenbrook Street (#57)
Project #: TS-000017-046
Fund #: 400-C40011
District: Braddock
Address: Blake Lane NB at Lindenbrook Street, Fairfax, VA 22031
Tax Map #: 48-3

Scope:
 Installation of a concrete loading pad, bench, trash can, and sidewalk.

Designed By: Timmons Group
Constructed By: M&F Concrete Inc.
Completion Date: 12/12/2023
Project Manager: Shahla Zahirieh
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Joseph Adzovie
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$0.00
Design:	\$4,997.81
Permit Fees:	\$0.00
Construction:	\$12,984.19
Utilities:	\$18.02
Total:	\$18,000.02



C&I TRANSPORTATION PROJECTS



Project Name: Bus Stop Improvements, Blake Lane SB at Lindenbrook Street (#005)
Project #: TS-000017-045
Fund #: 400-C40011
District: City of Fairfax
Address: Blake Lane SB at Lindenbrook Street, Fairfax, VA 22031
Tax Map #: 48-3

Scope:
 Installation of a concrete loading pad, shelter, bench, trash can, and sidewalk.

Designed By: Timmons Group
Constructed By: M&F Concrete Inc.
Completion Date: 11/29/2023
Project Manager: Shahla Zahirieh
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Joseph Adzovie
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$0.00
Design:	\$5,090.02
Permit Fees:	\$224.64
Construction:	\$40,750.51
Utilities:	\$18.02
Total:	\$46,083.19



C&I TRANSPORTATION PROJECTS



Project Name: Bus Stop Improvements, Burke Lake Road NB at Lake Braddock Drive (#181)
Project #: TS-000011-037
Fund #: 400-C40011
District: Braddock
Address: Burke Lake Road NB at Lake Braddock Drive, Burke, VA 22015
Tax Map #: 78-2

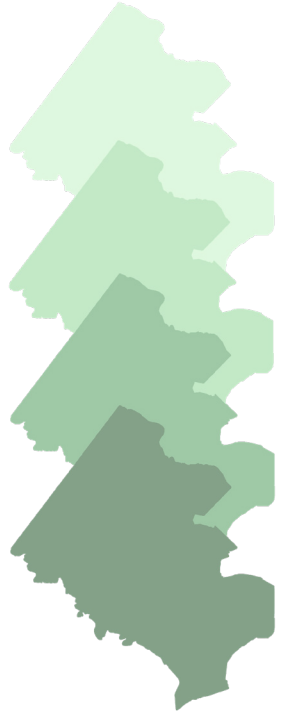
Scope:
 Installation of a concrete loading pad, bus shelter pad, bus shelter, bench, and trash can.

Designed By: Kimley-Horn & Associates
Constructed By: M&F Concrete Inc.
Completion Date: 5/2/2024
Project Manager: Shahla Zahirieh
Construction Manager: Craig Carlin
Right-of-Way Agent: Lisa Baker
Inspector: Rajan Manandhar
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$6,041.97
Design:	\$22,887.95
Permit Fees:	\$112.32
Construction:	\$54,889.82
Utilities:	\$0.00
Total:	\$83,932.06



C&I TRANSPORTATION PROJECTS



Project Name: Bus Stop Improvements, Burke Lake Road SB at Lake Braddock Drive (#01381)
Project #: TS-000011-036
Fund #: 400-C40011
District: Braddock
Address: Burke Lake Road SB at Lake Braddock Drive, Burke, VA 22015
Tax Map #: 78-2

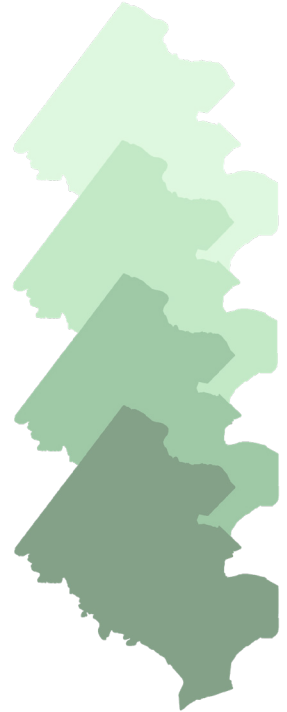
Scope:
 Installation of a concrete loading pad, bench, and trash can.

Designed By: Kimley-Horn & Associates
Constructed By: M&F Concrete Inc.
Completion Date: 11/30/2023
Project Manager: Shahla Zahirieh
Construction Manager: Craig Carlin
Right-of-Way Agent: Lisa Baker
Inspector: Rajan Manandhar
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$791.72
Design:	\$19,895.37
Permit Fees:	\$0.00
Construction:	\$22,997.23
Utilities:	\$0.00
Total:	\$43,684.32



C&I TRANSPORTATION PROJECTS



Project Name: Bus Stop Improvements, Elden Street SB at Alabama Drive
Project #: TS-000012-028
Fund #: 400-C40011
District: Dranesville
Address: Intersection of Elden Street SB and Alabama Drive, Herndon, VA 20170
Tax Map #: 16-1

Scope:
 Installation of a concrete bus pad, shelter, bench, and trash can.

Designed By: Parsons Transportation Group, Inc.
Constructed By: M&F Concrete Inc.
Completion Date: 6/28/2024
Project Manager: Masoud Hojatzadeh
Construction Manager: Craig Carlin
Right-of-Way Agent: Tajera DeSena
Inspector: Gajendra Sedhain
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$10,086.05
Design:	\$21,063.07
Permit Fees:	\$2,174.72
Construction:	\$112,544.20
Utilities:	\$2,240.68
Total:	\$148,108.72



C&I TRANSPORTATION PROJECTS



Project Name: Bus Stop Improvements, Lee Highway WB at Bisvey Drive (#5001355)
Project #: TS-000017-044
Fund #: 400-C40011
District: Providence
Address: Lee Highway WB at Bisvey Drive, Falls Church, VA 22042
Tax Map #: 50-1

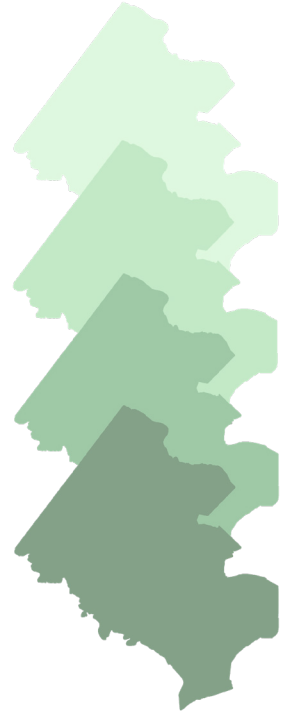
Scope:
 Installation of a concrete loading pad, bench, and sidewalk.

Designed By: Kimley-Horn & Associates
Constructed By: M&F Concrete Inc.
Completion Date: 2/9/2024
Project Manager: Shahla Zahirieh
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Vijay Ghimire
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$0.00
Design:	\$19,137.76
Permit Fees:	\$0.00
Construction:	\$36,267.85
Utilities:	\$2,314.55
Total:	\$57,720.16



C&I TRANSPORTATION PROJECTS



Project Name: Bus Stop Improvements, Nutley Street NB at Barrick Street (#181)
Project #: TS-000017-047
Fund #: 400-C40011
District: Providence
Address: Nutley Street NB at Barrick Street, Fairfax, VA 22031
Tax Map #: 48-4

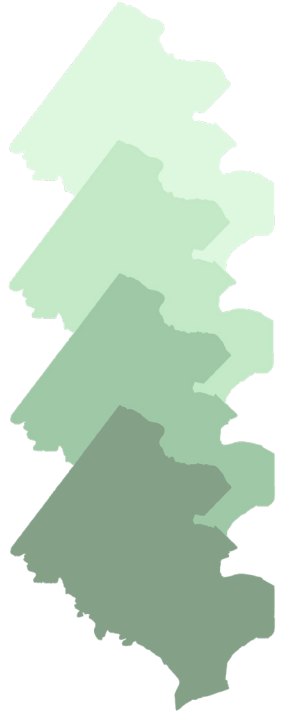
Scope:
 Installation of a concrete loading pad, shelter, bench, trash can, curb, and sidewalk.

Designed By: Timmons Group
Constructed By: M&F Concrete Inc.
Completion Date: 12/29/2023
Project Manager: Shahla Zahirieh
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector:
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$212.34
Design:	\$2,625.48
Permit Fees :	\$0.00
Construction:	\$42,016.90
Utilities:	\$0.00
Total:	\$44,854.72



C&I TRANSPORTATION PROJECTS



Project Name: Bus Stop Improvements, Park Meadow Drive WB at Meadow Wood Lane (#03069)
Project #: TS-000019-008
Fund #: 400-C40011
District: Sully
Address: Park Meadow Drive WB at Meadow Wood Lane, Chantilly, VA 20151
Tax Map #: 44-1

Scope:
 Installation of a concrete loading pad, bus shelter pad, bench, bike rack, and trash can.

Designed By: Kimley-Horn & Associates
Constructed By: M&F Concrete Inc.
Completion Date: 12/1/2023
Project Manager: Shahla Zahirieh
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Joseph Adzovie
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$0.00
Design:	\$19,840.01
Permit Fees :	\$0.00
Construction:	\$28,690.52
Utilities:	\$519.96
Total:	\$49,050.49



C&I TRANSPORTATION PROJECTS



Project Name: Bus Stop Improvements, Parkers Lane NB at Sherwood Hall Lane
Project #: TS-000016-058
Fund #: 400-C40011
District: Mount Vernon
Address: Intersection of Parkers Lane NB and Sherwood Hall Lane, Alexandria, VA 22306
Tax Map #: 102-1

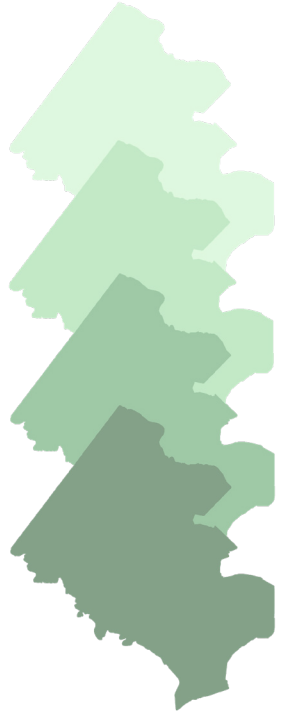
Scope:
 Installation of a concrete loading pad, bus shelter pad, bus shelter, bench, and trash can.

Designed By: Kimley-Horn & Associates
Constructed By: M&F Concrete Inc.
Completion Date: 5/27/2024
Project Manager: Shahla Zahirieh
Construction Manager: Craig Carlin
Right-of-Way Agent: Nicole Wilson
Inspector: Vijay Ghimire
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$16,488.93
Design:	\$15,699.98
Permit Fees:	\$112.32
Construction:	\$53,819.25
Utilities:	\$1,535.52
Total:	\$87,656.00



C&I TRANSPORTATION PROJECTS



Project Name: Bus Stop Improvements, Pole Road SB at Orville Street (#03096)
Project #: TS-000016-057
Fund #: 400-C40011
District: Mount Vernon
Address: Pole Road SB at Orville Street, Alexandria, VA 22309
Tax Map #: 101-3

Scope:
 Installation of a concrete loading pad and drainage improvements.

Designed By: Kimley-Horn & Associates
Constructed By: M&F Concrete Inc.
Completion Date: 10/31/2023
Project Manager: Shahla Zahirieh
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Rajan Manandhar
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$0.00
Design:	\$17,404.00
Permit Fees:	\$0.00
Construction:	\$23,805.65
Utilities:	\$450.56
Total:	\$41,660.21



C&I TRANSPORTATION PROJECTS



Project Name: Bus Stop Improvements, Rose Hill Drive NB at Leewood Drive (#03166)
Project #: TS-000014-044
Fund #: 400-C40011
District: Franconia
Address: 6121 Leewood Drive, Alexandria, VA 22310
Tax Map #: 82-3

Scope:
 Installation of a shelter, bench, and trash can.

Designed By: Fairfax County Department of Transportation
Constructed By: M&F Concrete Inc.
Completion Date: 7/13/2023
Project Manager: Sergio GuizadoHinojosa
Construction Manager: Craig Carlin
Right-of-Way Agent:
Inspector: Rajan Manandhar
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$0.00
Design:	\$1,323.50
Permit Fees:	\$114.96
Construction:	\$43,658.16
Utilities:	\$66.75
Total:	\$45,163.37



C&I TRANSPORTATION PROJECTS

Project Name: Bus Stop Improvements, Wiehle Avenue NB at North Shore Drive (#03807)
Project #: TS-000013-046
Fund #: 400-C40011
District: Hunter Mill
Address: Wiehle Avenue NB at North Shore Drive, Reston, VA 20190
Tax Map #: 17-2

Scope:
 Installation of a bus pad, bench, trash can, and the addition of a curb-abutted sidewalk at the intersection of Wiehle Avenue and North Shore Drive. CG-12 was also added to both corners of the intersection, as well as 50 feet of sidewalk to the existing sidewalk.

Designed By: Parsons Transportation Group, Inc.
Constructed By: M&F Concrete Inc.
Completion Date: 11/30/2023
Project Manager: Masoud Hojatzadeh
Construction Manager: Craig Carlin
Right-of-Way Agent: Nicole Wilson
Inspector: Joseph Adzovie
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$34,401.86
Design:	\$23,132.83
Permit Fees:	\$0.00
Construction:	\$50,978.72
Utilities:	\$6,761.91
Total:	\$115,275.32



C&I TRANSPORTATION PROJECTS



Project Name: Magarity Road Walkway from Ware Road to Peabody Drive
Project #: 2G40-088-025
Fund #: 400-C40011
District: Dranesville, Providence
Address: Magarity Road from Ware Road to Peabody Drive, Falls Church, VA 22043
Tax Map #: 29-4, 30-3, 39-2, 40-1

Scope:
 Installation of 2,300 linear feet of an 8-foot-wide asphalt walkway, ADA compliant ramps, crosswalks, refuge islands, bus stop loading pads, curb and gutter, and drainage improvements on the south side of Magarity Road and 250 linear feet on the north side at the school.

Designed By: Rinker Design Associates
Constructed By: Sagres Construction Corporation
Completion Date: 4/29/2024
Project Manager: Dennis James Marsh
Construction Manager: Deepak Bhinge
Right-of-Way Agent: Jim Strayhorne
Inspector: Dharam Sharma
Surveyor: Gregory Harper

Costs	Dollar Amount
Land:	\$352,762.98
Design:	\$1,134,965.57
Permit Fees:	\$15,487.12
Construction:	\$2,793,454.86
Utilities:	\$492,976.94
Total:	\$4,789,647.47



C&I TRANSPORTATION PROJECTS

Project Name: Route 50 Shared Use Path, Blake Lane to Stonehurst Drive
Project #: 2G40-088-072
Fund #: 400-C40011
District: Providence
Address: 9350 Arlington Boulevard, Fairfax, VA 22031
Tax Map #: 48-4

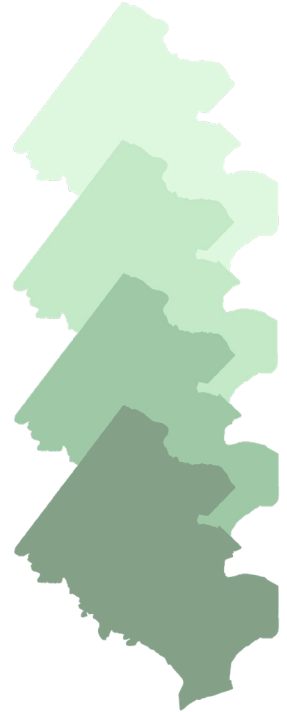
Scope:
 Construction of 560 feet of a 10-foot wide VDOT standard use path.

Designed By: Rinker Design Associates
Constructed By: M&F Concrete Inc.
Completion Date: 4/22/2024
Project Manager: Dennis James Marsh
Construction Manager: Yilia Vega-Claudio
Right-of-Way Agent: Kelly Alcon
Inspector: Gajendra Sedhain
Surveyor: Gregory Harper

Costs	Dollar Amount
Land:	\$10,460.17
Design:	\$447,483.71
Permit Fees:	\$9,343.54
Construction:	\$897,939.99
Utilities:	\$56,419.76
Total:	\$1,421,647.17



C&I TRANSPORTATION PROJECTS



Project Name: Route 50 Walkway, Cedar Lane to Prosperity Avenue
Project #: 2G40-088-075
Fund #: 400-C40011
District: Providence
Address: Arlington Boulevard from Cedar Lane to Prosperity Avenue, Fairfax, VA 22031
Tax Map #: 49-3

Scope:
 Installation of approximately 775 linear feet of 10-foot-wide shared use path with 150 linear feet of concrete sidewalk on the north side of Route 50.

Designed By: Rinker Design Associates
Constructed By: Sagres Construction Corporation
Completion Date: 3/7/2024
Project Manager: Dennis James Marsh
Construction Manager: Bijan Samiyi
Right-of-Way Agent: Nicole Wilson
Inspector: Gajendra Sedhain
Surveyor: Christopher Jensen

Costs	Dollar Amount
Land:	\$7,505.75
Design:	\$302,264.22
Permit Fees :	\$9,673.16
Construction:	\$1,289,780.26
Utilities:	\$39,101.00
Total:	\$1,648,324.39



C&I TRANSPORTATION PROJECTS



Project Name: Route 50 Walkway, Ellenwood Drive to Chichester Lane, Phase A
Project #: 2G40-088-079
Fund #: 400-C40011
District: Providence
Address: Arlington Boulevard from Ellenwood Drive to Chichester Lane, Fairfax, VA 22031
Tax Map #: 48-4

Scope:
 Installation of approximately 110 linear feet of a 10-foot-wide shared use path and 105 linear feet of 5-foot-wide concrete sidewalk connections including a new bus pad, curb ramps, crosswalks, and pedestrian signal upgrades.

Designed By: Rinker Design Associates
Constructed By: M&F Concrete Inc.
Completion Date: 4/19/2024
Project Manager: Dennis James Marsh
Construction Manager: Mahalet Walelign
Right-of-Way Agent: Nicole Wilson
Inspector: Dharam Sharma
Surveyor: Vickie Anglin

Costs	Dollar Amount
Land:	\$19,866.04
Design:	\$213,090.15
Permit Fees :	\$2,030.24
Construction:	\$92,312.95
Utilities:	\$5,872.57
Total:	\$333,171.95



C&I TRANSPORTATION PROJECTS

Project Name: Sleepy Hollow Road Walkway, Columbia Pike to Route 7
Project #: 2G40-088-028
Fund #: 400-C40011
District: Mason
Address: Columbia Pike at Sleepy Hollow Road, Annandale, VA 22044
Tax Map #: 60-2

Scope:
 Construction of approximately 4,789 linear feet of 6-foot sidewalk including pedestrian signals, crosswalks, ADA Compliant ramps, curb and gutter, driveway entrance reconstruction, drainage improvements, and a retaining wall along Sleepy Hollow Road.

Designed By: Jacobs Engineering Group
Constructed By: Fort Myer Construction
Completion Date: 2/15/2024
Project Manager: Sonia Shahnaj
Construction Manager: Tom Cutler
Right-of-Way Agent: Mohammed Najeeb
Inspector: Haroon Ander
Surveyor: Christopher Jensen

Costs	Dollar Amount
Land:	\$376,921.67
Design:	\$1,127,572.67
Permit Fees:	\$18,294.12
Construction:	\$5,135,099.10
Utilities:	\$326,960.67
Total:	\$6,984,848.23



NVTA 70% CAPITAL

Project Name: Rt 1 BRT FTA Ineligible NVTA 70%
Project #: 2G40-162-007
Fund #: 400-C40017
District: Franconia, Mount Vernon
Address: 6411 Richmond Highway, Alexandria, VA 22306
Tax Map #: 93-1

Scope:
 Demolition of existing buildings and structures and site restoration of the approximately 27,000 square-foot Parcel 620 in support of the Route 1 Bus Rapid Transit.

Designed By: STV, Inc.
Constructed By: Finley Asphalt and Sealing
Completion Date: 4/11/2024
Project Manager: Luis Rosario
Construction Manager: Luis Rosario
Right-of-Way Agent:
Inspector: Robert Amidon
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$590,099.00
Utilities:	\$0.00
Total:	\$590,099.00





NVTA 70% CAPITAL

Project Name: Rt 1 BRT RW Land Acquisition NVTA 70%
Project #: 2G40-162-004
Fund #: 400-C40017
District: Franconia, Mount Vernon
Address: 3101 Collard Street Alexandria, VA 22306
Tax Map #: 92-2

Scope:
 Building demolition and site restoration of the 10,550 square-foot parcel 778 in support of the Route 1 Bus Rapid Transit project.

Designed By: STV, Inc.
Constructed By: PJ Goel Services
Completion Date: 5/16/2024
Project Manager: Luis Rosario
Construction Manager: Bed Chhetri
Right-of-Way Agent:
Inspector: Robert Amidon
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees :	\$0.00
Construction:	\$90,701.35
Utilities:	\$0.00
Total:	\$90,701.35



STORMWATER SERVICES FUND



Project Name: Accotink Tributary at Danbury Forest (AC82-0003)
Project #: SD-000031-179
Fund #: 400-C40101
District: Braddock
Address: 5676 Kirkham Court, Springfield, VA 22151
Tax Map #: 79-1

Scope:
 Restoration of 3,000 linear feet of an unnamed tributary of Accotink Creek and the riparian corridor using natural channel design methods to create a baseflow channel with high floodplain connectivity and hyporheic zone enhancement; including restoration of multiple stormwater outfalls, pedestrian bridge replacement, asphalt trail repaving, reforestation with native vegetation and the installation of articulated concrete block revetment for the protection of a Washington Gas transmission line.

Designed By: A. Morton Thomas & Associates
Constructed By: Avon Corporation
Completion Date: 4/9/2024
Project Manager: Justin Pistore
Construction Manager: Brendan Schillo
Right-of-Way Agent:
Inspector: Gajendra Sedhain
Surveyor:

Costs	Dollar Amount
Land:	\$16,727.53
Design:	\$633,825.26
Permit Fees :	\$18,044.12
Construction:	\$2,543,066.97
Utilities:	\$21,434.14
Total:	\$3,233,098.02



STORMWATER SERVICES FUND

Project Name: Ashburton Manors Sec 1 & 2
Project #: SD-000031-221
Fund #: 400-C40101
District: Sully
Address: 12901 Hedgetop Drive and 12807 Saffron Drive, Herndon, VA 20171
Tax Map #: 35-2

Scope:
 Retrofit of two detention basins to construct wetlands and restoration of one basin's outfall for improved water quality.

Designed By: A. Morton Thomas & Associates
Constructed By: Triangle Contracting
Completion Date: 6/10/2024
Project Manager: Eric Caldwell
Construction Manager: Ian Vinson
Right-of-Way Agent:
Inspector: Haroon Ander
Surveyor:

Costs	Dollar Amount
Land:	\$106.80
Design:	\$108,099.84
Permit Fees:	\$2,911.36
Construction:	\$1,124,021.79
Utilities:	\$12,306.94
Total:	\$1,247,446.73



STORMWATER SERVICES FUND

Project Name: Circle Woods Section 2 Pond Improvement (0217DP)
Project #: SD-000033-106
Fund #: 400-C40101
District: Providence
Address: Poplar Leaf Court, Oakton, VA 22124
Tax Map #: 48-3

Scope:
 Retrofit of pond that also included dredging, replacement of the riser structure and principal spillway pipe, pond armoring, and installation of inflow/outfall structures.

Designed By: GKY & Associates, Inc.
Constructed By: Sagres Construction Corporation
Completion Date: 10/23/2023
Project Manager: Ganesh Thapa
Construction Manager: Ram Ghimire
Right-of-Way Agent:
Inspector:
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$129,303.96
Permit Fees:	\$0.00
Construction:	\$550,999.79
Utilities:	\$0.00
Total:	\$680,303.75



STORMWATER SERVICES FUND

Project Name: Crook Branch at Mantua Elementary School
Project #: SD-000031-135
Fund #: 400-C40101
District: Mason, Providence
Address: 8965 Colesbury Place, Fairfax, VA 22031
Tax Map #: 58-4

Scope:
 Restoration of approximately 3,900 linear feet of Crook Branch in the Accotink Creek watershed using natural channel design standards. Work included the removal and replacement of 170 linear feet of 8-inch ductile iron water main and 400 linear feet of 8-inch gravity sanitary sewer main. The project also entailed replacing a pedestrian bridge, managing non-native invasive plants, reforestation, replacing an asphalt trail, and constructing guardrails and handrails.

Designed By: Wetland Studies & Solutions
Constructed By: Avon Corporation
Completion Date: 9/27/2023
Project Manager: Shahriar Abdsharifabadi
Construction Manager: James Horstman
Right-of-Way Agent: Lisa Baker
Inspector:
Surveyor:

Costs	Dollar Amount
Land:	\$4,765.93
Design:	\$569,786.95
Permit Fees :	\$8,953.12
Construction:	\$3,621,915.98
Utilities:	\$13,990.90
Total:	\$4,219,412.88



STORMWATER SERVICES FUND

Project Name: Crosspointe Section 18 Pond Improvement (0772DP)
Project #: SD-000033-096
Fund #: 400-C40101
District: Mount Vernon
Address: 9001 South Pointe Lane, Lorton, VA, 22079
Tax Map #: 106-2

Scope:
 Modification of riser/trash rack, including the construction of a wingwall and apron, a sediment forebay with access road, removal of sediment throughout the pond, lengthening the flow path creating micro-pools, and installation of plantings.

Designed By: Rinker Design Associates
Constructed By: Triangle Contracting
Completion Date: 5/8/2024
Project Manager: Ganesh Thapa
Construction Manager: Paul Weltz
Right-of-Way Agent:
Inspector: David Simpson
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$104,497.93
Permit Fees :	\$0.00
Construction:	\$726,676.35
Utilities:	\$54,799.65
Total:	\$885,973.93



STORMWATER SERVICES FUND

Project Name: EMTA West Ox Facility Dredge (0047WP)
Project #: SD-000033-081
Fund #: 400-C40101
District: Springfield
Address: 4612 West Ox Road, Fairfax, VA 22030
Tax Map #: 56-1

Scope:
 Removal of accumulated sediments via wet dredging, embankments regraded in several areas, improved pond inlets, and installation of a new chain link fence.

Designed By: GKY & Associates, Inc.
Constructed By: Triangle Contracting
Completion Date: 6/27/2024
Project Manager: Ganesh Thapa
Construction Manager: Tesfu Medhin
Right-of-Way Agent:
Inspector: Gajendra Sedhain
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$98,639.44
Permit Fees:	\$0.00
Construction:	\$818,418.47
Utilities:	\$7,134.15
Total:	\$924,192.06



STORMWATER SERVICES FUND

Project Name: Foxfield Cub Run PSP Replacement/Dam Repair (0842DP)
Project #: SD-000033-095
Fund #: 400-C40101
District: Sully
Address: Hollinger Avenue, Chantilly VA 22033
Tax Map #: 45-1

Scope:
 Restoration of the existing pond to provide quality and quantity control.

Designed By: Pennoni Associates, Inc.
Constructed By: Bright Construction Group
Completion Date: 10/26/2023
Project Manager: Ganesh Thapa
Construction Manager: Joseph Gerges
Right-of-Way Agent:
Inspector: David Simpson
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$100,161.58
Permit Fees:	\$1,335.36
Construction:	\$356,566.71
Utilities:	\$0.00
Total:	\$458,063.65



STORMWATER SERVICES FUND

Project Name: Green Trails Little Rocky Run Dredge/Facility Rehabilitation (WP0116)
Project #: SD-000033-099
Fund #: 400-C40101
District: Sully
Address: 14122 Rock Canyon Drive, Centreville, VA 20121
Tax Map #: 65-4

Scope: Rehabilitation included dredging the existing facilities, repair of an existing inflow culvert, removal of trees and overgrown vegetation from the dam embankment, and installation of a toe drain.

Designed By: GKY & Associates, Inc.
Constructed By: Triangle Contracting
Completion Date: 6/26/2024
Project Manager: Thornton Glenn
Construction Manager: Joseph Gerges
Right-of-Way Agent:
Inspector: Sampson Asomugha
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$125,039.34
Permit Fees:	\$5,341.44
Construction:	\$653,662.20
Utilities:	\$0.00
Total:	\$784,042.98



STORMWATER SERVICES FUND

Project Name: Newington Commons, Sec. 1 Pond B (0283DP)
Project #: SD-000033-115
Fund #: 400-C40101
District: Mount Vernon
Address: 8784 Susquehanna Street, Lorton, VA 22079
Tax Map #: 98-3

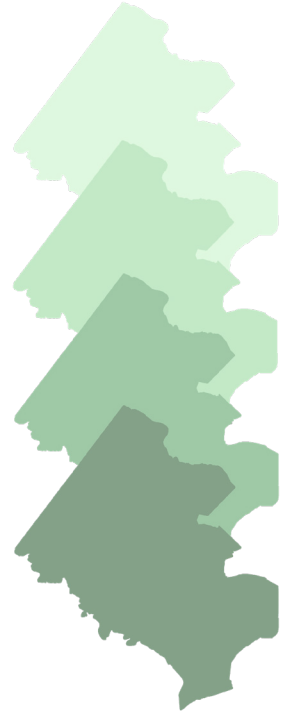
Scope: Retrofit of a dry pond due to a cave-in over the existing Principal Spillway Pipe (PSP) and piping failure. Enhancements included restoring the dam's top to its original height for improved safety, removing sediment from the pond floor, and minimal grading to restore the facility's original storage volume. Emergency spillway improvements and site restoration were also completed. Coordination with Fairfax Water as the new PSP crosses under an existing 12-inch watermain.

Designed By: GKY & Associates, Inc.
Constructed By: Bright Construction Group
Completion Date: 4/4/2024
Project Manager: Ganesh Thapa
Construction Manager: Prutha Rueangvivatanakij
Right-of-Way Agent: Jocelyn Campbell
Inspector: David Simpson
Surveyor:

Costs	Dollar Amount
Land:	\$26,167.66
Design:	\$88,766.60
Permit Fees:	\$0.00
Construction:	\$273,015.09
Utilities:	\$1,481.85
Total:	\$389,431.20



STORMWATER SERVICES FUND



Project Name: Popes Head Creek Tributary at Havenner Road (PH82-0001 / PH9204)
Project #: SD-000031-173
Fund #: 400-C40101
District: Springfield
Address: 11502 Havenner Road, Fairfax Station, VA 22039
Tax Map #: 76-4

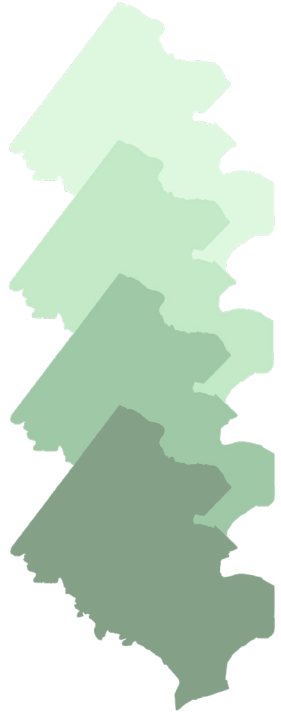
Scope:
 Restoration of 5,056 linear feet of the Popes Head Tributary utilizing natural channel design techniques to establish a stable channel and profile for the deteriorated stream. Reinforced beds, woody debris, step pools, modified cross vanes, rock sills, and log vanes with rock sill structures were installed to stabilize the stream. Invasive plants were removed, and native species reintroduced to restore the riparian buffer and wetland areas.

Designed By: Wetland Studies & Solutions
Constructed By: Environmental Quality Resources
Completion Date: 4/30/2024
Project Manager: Jasdeep Saini
Construction Manager: Yousef Rayyan
Right-of-Way Agent:
Inspector: Nadir Sheraz
Surveyor:

Costs	Dollar Amount
Land:	\$67,252.70
Design:	\$960,206.06
Permit Fees:	\$8,783.12
Construction:	\$3,702,793.88
Utilities:	\$20,447.98
Total:	\$4,759,483.74



STORMWATER SERVICES FUND

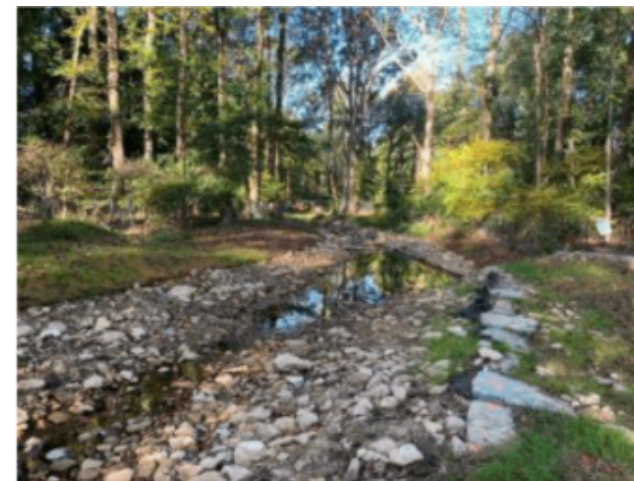


Project Name: Rabbit Branch Tributary at Collingham Drive
Project #: SD-000031-212
Fund #: 400-C40101
District: Braddock
Address: Rabbit Branch at Collingham Drive, Fairfax, VA, 22032
Tax Map #: 69-4

Scope:
 Stabilization and restoration of approximately 5,000 linear feet of stream to improve flow and stability and stop erosion.

Designed By: Wetland Studies & Solutions, Inc.
Constructed By: Meadville Land Service, Inc.
Completion Date: 10/30/2023
Project Manager: Justin Pistore
Construction Manager: Ram Ghimire
Right-of-Way Agent:
Inspector:
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$1,109,455.37
Permit Fees:	\$9,914.80
Construction:	\$3,174,776.72
Utilities:	\$14,763.84
Total:	\$4,308,910.73



STORMWATER SERVICES FUND

Project Name: Rocky Branch Tributary at Ashlawn Park
Project #: SD-000031-239
Fund #: 400-C40101
District: Providence
Address: 10110 Nadine Drive, Vienna VA 22181
Tax Map #: 37-4

Scope:
 Restoration of ~1,740 linear feet of stream channel and enhancements to the riparian corridor to improve water quality.

Designed By: Wetland Studies & Solutions
Constructed By: Environmental Quality Resources
Completion Date: 5/30/2024
Project Manager: Madeleine Alwine
Construction Manager: Yousef Rayyan
Right-of-Way Agent:
Inspector: Nadir Sheraz
Surveyor:

Costs	Dollar Amount
Land:	\$3,774.93
Design:	\$206,878.23
Permit Fees:	\$856.00
Construction:	\$1,403,830.49
Utilities:	\$11,759.72
Total:	\$1,627,099.37



STORMWATER SERVICES FUND

Project Name: Rocky Run Tributary at Dulles Access Road
Project #: SD-000031-213
Fund #: 400-C40101
District: Dranesville
Address: Lewinsville Road, McLean, VA 22102
Tax Map #: 29-1

Scope:
 Stream restoration of 1,200 linear feet of Rocky Run and tributaries. Work included construction of a 30-foot x 40-foot MSMD maintenance slab and access ramp, cleaning and restoration of 400 feet of concrete V ditch, and installation of landscape planting.

Designed By: A. Morton Thomas & Associates
Constructed By: HGS, LLC
Completion Date: 9/21/2023
Project Manager: Heather Ambrose
Construction Manager: James Cooper
Right-of-Way Agent:
Inspector: Haroon Ander
Surveyor:

Costs	Dollar Amount
Land:	\$5,398.08
Design:	\$523,585.11
Permit Fees:	\$1,064.00
Construction:	\$1,345,522.71
Utilities:	\$14,281.72
Total:	\$1,889,851.62



STORMWATER SERVICES FUND

Project Name: Stormwater Wastewater Facility
Project #: SD-000039-001
Fund #: 400-C40101
District: Braddock
Address: 6000 Freds Oak Road, Burke, VA 22015
Tax Map #: 77-3

Scope:
 Phase 1 only - Consolidation of Stormwater Planning, Maintenance and Stormwater Management, Wastewater Collection, and Wastewater Planning and Monitoring Divisions at 6000 Freds Oak Road. The project includes two dry storage buildings, a vehicle storage building, vehicle wash building, fuel pump facility, and workshops in Phase 1. Phase 2 includes a salt storage building and the main office building. Phase 3 includes demolition of the existing building and parking expansion.

Designed By: Michael Baker International
Constructed By: Manhattan Construction Company
Completion Date: 6/28/2024
Project Manager: Eric Inman
Construction Manager: Devon Hogan
Right-of-Way Agent: Kelly Alcon
Inspector: Peter Duryea
Surveyor:

Costs	Dollar Amount
Land:	\$3,056,429.00
Design:	\$6,511,087.00
Permit Fees:	\$734,238.00
Construction:	\$43,494,822.00
Utilities:	\$126,753.00
Total:	\$53,923,329.00



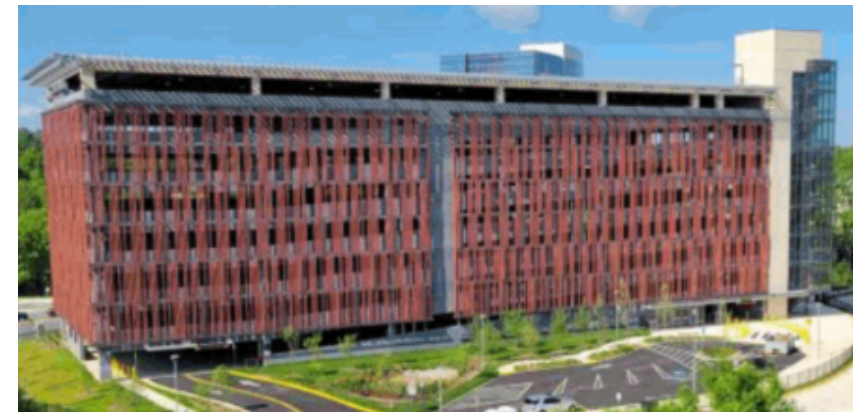
FEDERAL-STATE GRANT FUND

Project Name: Monument Drive Parking Garage/Transit Center
Project #: TF-000044-002
Fund #: 500-C50000
District: Braddock
Address: Monument Drive and Government Center Parkway, Fairfax, VA 22035
Tax Map #: 56-1

Scope:
 Construction of a new, 820-space parking structure at the existing surface parking lot at Monument Drive and Government Center Parkway, including bus bays, kiss-and-ride, connector store, and bicycle storage.

Designed By: Hammel, Green & Abrahamson
Constructed By: Howard Shockey & Sons, Inc.
Completion Date: 6/5/2024
Project Manager: Ipek Aktuglu
Construction Manager: Padam Sethi
Right-of-Way Agent:
Inspector: Jeffrey Bartlett
Surveyor:

Costs	Dollar Amount
Land:	\$5,253.13
Design:	\$3,712,330.59
Permit Fees:	\$191,000.00
Construction:	\$32,848,208.47
Utilities:	\$43,845.60
Total:	\$36,800,637.79



SEWER BOND REVENUE

Project Name: Madison Court Emergency Gravity Sewer Project
Project #: WW-000028-053
Fund #: 690-C69000
District: Dranesville
Address: Madison Court, McLean, VA 22101
Tax Map #: 31-3

Scope:
 Emergency replacement of a broken pipe segment in Pimmit Run Stream Valley Park in McLean, Virginia. The pipe was originally installed in 1956 and, as the creek bed eroded around it, the pipe joints separated. Upon discovery, the flow was bypassed, and the broken pipe was replaced with new concrete encased pipe.

Designed By: Dewberry Engineers, Inc.
Constructed By: William A. Hazel
Completion Date: 10/4/2023
Project Manager: Agata Fallon
Construction Manager: Agata Fallon
Right-of-Way Agent:
Inspector:
Surveyor:

Costs	Dollar Amount
Land:	\$2,371.14
Design:	\$101,934.89
Permit Fees :	\$0.00
Construction:	\$1,021,530.11
Utilities:	\$0.00
Total:	\$1,125,836.14



SEWER CONSTRUCTION

Project Name: Carderock Gravity Sanitary Sewer Interceptor Rehabilitation
Project #: WW-000026-004
Fund #: 690-C69300
District: Dranesville
Address: Clara Barton Parkway, Bethesda, MD 20817
Tax Map #: MONFN561

Scope:
 Replacement of manholes, rehabilitation of a settled portion of pipe, and cured-in-place lining of approximately 1,300 feet of 30-inch pipe in the Maryland Carderock Recreation Area.

Designed By: Arcadis U.S.
Constructed By: Spiniello Companies
Completion Date: 4/19/2024
Project Manager: Thomas Grala
Construction Manager: Thomas Grala
Right-of-Way Agent:
Inspector: Ricardo Fernandez
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$906,546.00
Permit Fees :	\$0.00
Construction:	\$3,774,910.00
Utilities:	\$53.80
Total:	\$4,681,509.80



SEWER CONSTRUCTION

Project Name: Chain Bridge Road Gravity Sewer Capacity Improvement
Project #: WW-000001-024-A
Fund #: 690-C69300
District: Dranesville
Address: Chain Bridge Road and Ballantrae Lane, McLean, VA 22101
Tax Map #: 31-1

Scope:
 Improvements to the downstream gravity sewer capacity for the Langley School Pump Station and Force Main Replacement project.

Designed By: Black & Veatch Corporation
Constructed By: Fort Myer Construction
Completion Date: 3/5/2024
Project Manager: Lizzy Merin
Construction Manager: Lizzy Merin

Right-of-Way Agent:

Inspector:

Surveyor:

Costs	Dollar Amount
Land:	\$2,933.84
Design:	\$100,636.87
Permit Fees:	\$245.00
Construction:	\$1,808,516.79
Utilities:	\$8,103.45
Total:	\$1,920,435.95



SEWER CONSTRUCTION

Project Name: Coon Branch Sanitary Sewer Replacement (Phase 1)
Project #: WW-000028-028
Fund #: 690-C69300
District: Mason
Address: Annandale Community Park, 4030 Hummer Road, Annandale, VA 22003
Tax Map #: 59-4

Scope:
 Replacement of 900 linear feet of gravity sewer along Coon Branch with a new 8-inch and 16-inch pipe.

Designed By: Dewberry Engineers, Inc.
Constructed By: Triangle Contracting
Completion Date: 10/4/2023
Project Manager: Matthew Doyle
Construction Manager: Matthew Doyle

Right-of-Way Agent:

Inspector:

Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$187,000.00
Utilities:	\$0.00
Total:	\$187,000.00



SEWER CONSTRUCTION

Project Name: Fisher Drive Emergency Gravity Sewer Project
Project #: WW-000028-052
Fund #: 690-C69300
District: Hunter Mill
Address: Fisher Drive, Falls Church, VA 22043
Tax Map #: 40-1

Scope:
 Emergency gravity sewer spot repair due to a defective section of a gravity sewer pipe.

Designed By: Wastewater Design and Construction Division
Constructed By: William A. Hazel
Completion Date: 7/13/2023
Project Manager: Matthew Doyle
Construction Manager: Matthew Doyle
Right-of-Way Agent:
Inspector:
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees:	\$0.00
Construction:	\$69,902.54
Utilities:	\$0.00
Total:	\$69,902.54



SEWER CONSTRUCTION

Project Name: Langley School PS and FM Replacement - Phase 1
Project #: WW-000001-024
Fund #: 690-C69300
District: Dranesville
Address: 6510 Georgetown Pike, McLean, VA 22101
Tax Map #: 22-3

Scope:
 Replacement of the Langley School Pump Station and its associated 2,400 linear foot force main located near Langley High School in McLean, VA.

Designed By: Black & Veatch Corporation
Constructed By: Flippo Construction Company
Completion Date: 7/1/2023
Project Manager: Lizzy Merin
Construction Manager: Lizzy Merin
Right-of-Way Agent:
Inspector:
Surveyor:

Costs	Dollar Amount
Land:	\$15,800.72
Design:	\$872,506.00
Permit Fees:	\$0.00
Construction:	\$2,965,297.90
Utilities:	\$4,296.86
Total:	\$3,857,901.48



SEWER CONSTRUCTION

Project Name: Motor Control Center and Distribution Center Replacements, NMCCPCP
Project #: WW-000009-002
Fund #: 690-C69300
District: Mount Vernon
Address: 9399 Richmond Highway, Lorton, VA 22079
Tax Map #: 108-3

Scope:
 Replacement, refurbishment, and modification of electrical distribution centers, motor control centers, addition of a new LEED-certified Control Building, and related work throughout the Noman M. Cole Pollution Control Plant.

Designed By: Jacobs Engineering Group
Constructed By: Clark Construction Group
Completion Date: 10/6/2023
Project Manager: Biniam Habtom
Construction Manager: Amin Elmubarak
Right-of-Way Agent:
Inspector:
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$12,698,399.00
Permit Fees:	\$1,500.00
Construction:	\$91,144,300.00
Utilities:	
Total:	\$103,844,199.00



SEWER CONSTRUCTION

Project Name: Mount Vernon Terrace Force Main Replacement
Project #: WW-000008-004
Fund #: 690-C69300
District: Mount Vernon
Address: Patton Boulevard, Alexandria, VA 22309
Tax Map #: 110-3

Scope:
 Replacement of 1,246 linear feet of 6-inch diameter sanitary sewer force main.

Designed By: Rummel, Klepper & Kahl, LLP
Constructed By: Flippo Construction Company
Completion Date: 6/28/2024
Project Manager: Erin Beckmann
Construction Manager: Erin Beckmann
Right-of-Way Agent:
Inspector: Arjun Dhungel
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$246,380.75
Permit Fees:	\$9,537.07
Construction:	\$2,400,340.47
Utilities:	\$263,170.05
Total:	\$2,919,428.34



SEWER CONSTRUCTION



Project Name: Raw Wastewater Pumping System Rehabilitation/Replacement- B3
Project #: WW-000009-012
Fund #: 690-C69300
District: Mount Vernon
Address: 9399 Richmond Highway, Lorton, VA 22079
Tax Map #: 108-3

Scope:
 Rehabilitation of the B3 facility consisting of demolition of existing 6-inch header and wall cleaning system on Equalization Basin Tanks No. 1-4, demolition of wastewater return (WWR) pumps and above grade WWR piping in Tanks No. 1-5, replacement of sump pumps and valves in the existing valve vaults, replacement of a 1-ton crane, installation of odor control system and aluminum cover in Tank No. 1.

Designed By: Black & Veatch Corporation
Constructed By: Clark Construction Group
Completion Date: 6/28/2024
Project Manager: Biniam Habtom
Construction Manager: Biniam Habtom
Right-of-Way Agent:
Inspector:
Surveyor:

Costs	Dollar Amount
Land:	\$495.46
Design:	\$88,913.31
Permit Fees :	\$0.00
Construction:	\$13,006,074.45
Utilities:	\$869.24
Total:	\$13,096,352.46



SEWER CONSTRUCTION

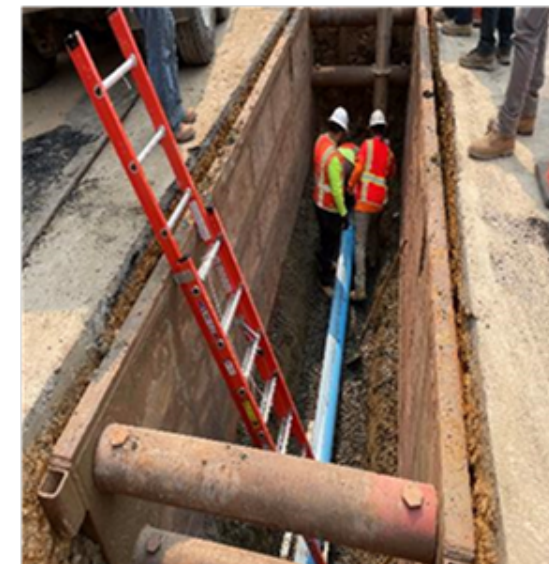


Project Name: Reservoir Road Emergency Gravity Sewer Repair
Project #: WW-000028-051
Fund #: 690-C69300
District: Springfield
Address: 7206 Reservoir Road Springfield, VA 22150
Tax Map #: 80-1

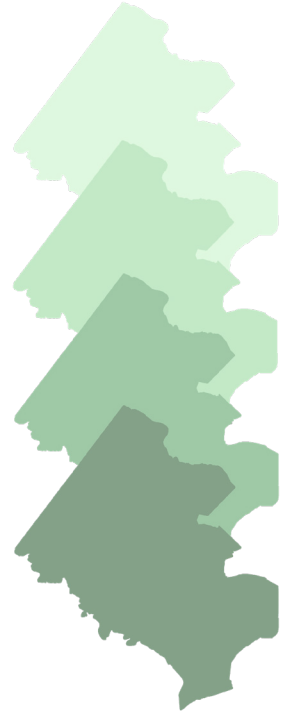
Scope:
 Replacement of 400 linear feet of 8-inch asbestos gravity sewer pipe with 8-inch PVC pipe. Implemented a by-pass pumping system, reinstated four service laterals, conducted comprehensive testing, performed mill and overlay of asphalt work on 500 linear feet of road from curb to curb and performed general site restoration.

Designed By: Wastewater Design and Construction Division
Constructed By: William A. Hazel
Completion Date: 8/1/2023
Project Manager: Matthew Doyle
Construction Manager: Arjun Dhungel
Right-of-Way Agent:
Inspector:
Surveyor:

Costs	Dollar Amount
Land:	\$0.00
Design:	\$0.00
Permit Fees :	\$0.00
Construction:	\$812,358.25
Utilities:	\$0.00
Total:	\$812,358.25



SEWER CONSTRUCTION



Project Name: Riverwood Force Main Rehabilitation
Project #: WW-000008-012
Fund #: 690-C69300
District: Mount Vernon
Address: 3700 and 3701 Riverwood Court, Alexandria, VA 22309
Tax Map #: 110-4

Scope:
 Replacement of a 673 linear-foot 4-inch diameter sanitary sewer force main in the Riverwood neighborhood located in the Mount Vernon area.

Designed By: Arcadis U.S.
Constructed By: C.A. Murren & Sons Company
Completion Date: 12/12/2023
Project Manager: Natasha Schmidt
Construction Manager: Natasha Schmidt
Right-of-Way Agent: Dennis Cate
Inspector: Mark Brown
Surveyor:

Costs	Dollar Amount
Land:	\$20,572.13
Design:	\$490,497.48
Permit Fees :	\$311.00
Construction:	\$1,408,522.02
Utilities:	\$70,534.86
Total:	\$1,990,437.49





SECTION 4

GLOSSARY OF ACRONYMS




GLOSSARY OF ACRONYMS

ADA	Americans with Disabilities Act
BMP	Best Management Practices
BRT	Bus Rapid Transit
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
EV	Electric Vehicle
FCDOT	Fairfax County Department of Transportation
FCRMIP	Fairfax County Road Maintenance and Improvement Program
FTA	Federal Transit Authority
HAWK	High-Intensity Activated Crosswalk
HMSAMS	Herndon Metrorail Stations Access Management Study
HVAC	Heating, Ventilation, and Air Conditioning
LED	Light Emitting Diode
LEED	Leadership in Energy and Environmental Design
MGD	Millions of Gallons
MSMD	Maintenance and Stormwater Management Division
NA	Not Applicable
NB	Northbound
NMPCPCP	Noman M. Cole, Jr. Pollution Control Plant
NVTA	Northern Virginia Transportation Authority
P3	Public Private Partnerships
PD	Pond
PI	Pedestrian Improvements
PVC	Polyvinyl Chloride
RBSS	Reston Bike Share Station
RCP	Reinforced Concrete Pipe
RT	Route
RW	Right of Way
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
WWR	Wastewater Return





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