

Department of Public Works and Environmental Services



Capital Construction FY 2009 Completed Projects



Fairfax County, Virginia



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County of Fairfax, Virginia

To protect and enrich the quality of life for the people, neighborhoods and diverse communities of Fairfax County

DATE: SEP 24 2009

TO: Board of Supervisors

FROM: Jimmie D. Jenkins, Director
Department of Public Works and Environmental Services

SUBJECT: FY 2009 Completed Projects

Attached is a copy of the DPWES Completed Capital Construction Projects Report for FY 2009.

A total of 116 projects were completed in FY 2009:

- 7 Building projects
- 1 Countywide Streetlight Program project (includes installation of 129 streetlights)
- 11 Developer Default projects
- 59 Storm drainage projects
- 33 Transportation improvement projects
- 1 Solid waste improvement project
- 4 Wastewater improvement projects

The 116 projects completed in FY 2009 cost approximately \$225,533,990 expended in one or more fiscal years.

These completed projects represent the efforts of various business areas of DPWES working together to fulfill the County's Core Purpose "To protect and enrich the quality of life for the people, neighborhoods, and diverse communities of Fairfax County."

Attachment: As Stated

cc: Anthony H. Griffin, County Executive
Verdia Haywood, Deputy County Executive
Robert A. Stalzer, Deputy County Executive
Edward L. Long, Jr., Chief Financial Officer
David Molchany, Chief Information Officer
Susan Datta, Director, Department of Management and Budget

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Capital Construction

FY 2009 COMPLETED PROJECTS

**Department of Public Works
and Environmental Services**



**Department of Public Works
and Environmental Services**

Jimmie D. Jenkins, Director

Howard J. Guba, Deputy Director

Land Development Services

James W. Patteson, Director

Stormwater & Wastewater Program

Randolph W. Bartlett, Director

Capital Facilities

Planning and Design Division

Ronald N. Kirkpatrick, Director

Land Acquisition Division

Robin W. Patton, Director

Construction Management Division

Nat Atapoor, Director

Stormwater Management

Stormwater Planning Division

Craig A. Carinci, Director

Maintenance & Stormwater Management Division

Steve W. Aitcheson, Director

Wastewater Collection

Wastewater Planning & Monitoring Division

Shahram Mohsenin, Director

Wastewater Collection Division

Thomas J. Russell, Director

Wastewater Treatment Division

Kailash B. Gupta, Director

Solid Waste Collection & Recycling Division

Jeff Smithberger, Director

Solid Waste Disposal & Resource Recovery Division

Joyce M. Doughty, Director

Capital Construction

FY 2009 COMPLETED PROJECTS

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| Section 4. | Project Location Map and Summary |
| Section 5. | Sample Project Photos |
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| Section 7. | Project Descriptions |

Front Cover (top to bottom):

McConnell Public Safety and Transportation Operations Center, Mill Run Dam Safety, West Ox Bus Operations Center

Back Cover (left to right):

Pikes Branch Infrastructure Replacement, Stryker Ave. Sanitary Sewer E&I, South Run Rec. Center River Oaks Sanitary Sewer E&I, West Ox Bus Operations Center, Girls Probation House Pedestrian improvements at Centreville Road & Green Trails Blvd., Stryker Ave. Sanitary Sewer E&I



Capital Facilities
*Administration, Planning & Design Division,
Land Acquisition Division, & Construction Management Division*



Jimmie D. Jenkins
Director



Stormwater Management
Maintenance and Stormwater Management Division



***People
behind the
Projects***



Stormwater Management
Stormwater Planning Division



Wastewater Management
Wastewater Collection Division

Award Winning Projects

Burke Centre Library



2009 Merit Award

Fairfax County Exceptional Design Awards

2009 Project of the Year Award

\$5 to \$20 Million Structures Category

American Public Works Association (APWA), VA/DC/MD Chapter

2009 Merit Award

Best Building, Environmentally Responsible Green Construction
National Association of Industrial and Office Properties (NAIOP)

2009 Award of Excellence

Best Building, Institutional Facility under \$20 Million, NAIOP

2009 AIA Award of Merit

American Institute of Architects, Potomac Valley Chapter

McConnell Public Safety & Transportation Operations Center



2009 Honorable Mention Award

Fairfax County Exceptional Design Awards

2009 Citation Recipient

AIA Academy of Architecture for Justice Knowledge
Community, Justice Facility Review 2009

2009 Project of the Year Award

Projects over \$75 Million, Structures Category

APWA, VA/DC/MD Chapter

2009 Excellence in Construction Award

Institutional over \$30 million, Associated Builders and
Contractors of Metropolitan Washington Area

Fairfax County Courthouse



2009 Citation Recipient

AIA Academy of Architecture for Justice Knowledge Community,
Justice Facility Review 2009

2009 Community Appearance Award

City of Fairfax Community Appearance Committee

***West Ox
Bus Operations Center***



2009 Honorable Mention Award

Fairfax County Exceptional Design Awards

2009 Project of the Year Award

\$25 to \$70 Million, Structures Category
APWA, VA/DC/MD Chapter

Fairfax City Regional Library



2009 Community Appearance Award

Northern Virginia Community Appearance Alliance

2009 Community Appearance Award

City of Fairfax Community Appearance Committee

Herrity Building Green Roof



2008 Honor Award

Community Appearance Alliance of Northern Virginia

2009 Achievement Award

National Association of Counties

***River Oaks Sanitary Sewer
Extension & Improvement***



2009 Project of the Year Award

Environment Category
American Public Works Association (APWA),
VA/DC/MD Chapter

Crosspointe Fire Station



2009 Merit Award

Fairfax County Exceptional Design Awards

Fairfax Center Fire Station



2008 Station Style Design Award- Silver

The Fire Chief Magazine

***Katherine K. Hanley
Family Shelter***



2009 Excellence in Construction Award

First Place, less than \$5 million

Associated Builders and Contractors, Inc.
Metropolitan Washington Area

Sustainable Development- Certified Projects

In February 2008, the Fairfax County Board of Supervisors adopted a sustainable development policy for County facilities. The policy requires that buildings with more than 10,000 square feet be constructed to meet minimum sustainable development standards, if not exceed them. The policy applies to the construction of new County buildings and renovations or additions to existing County buildings.

Since 2008, three buildings have been certified by the US Green Building Council (USGBC) and two buildings have been certified by the Green Building Initiative. These buildings all contain green materials, and they were designed to reduce energy and water consumption. Recycled materials are incorporated into the buildings or interior décor.

Because of their energy-efficient design, these buildings will reduce energy costs compared to similar facilities with traditional construction. These savings are achieved in part by maximizing natural light; each building allows ample daylight into all of its habitable spaces. Natural light helps curtail energy costs because artificial lights consume energy and generate heat. Artificial lighting accounts for as much as 40-50 percent of the energy consumption in many commercial and institutional buildings, according to the U.S. Department of Energy.

These buildings were also built with water conservation in mind. Low-flow toilets and other efficient plumbing fixtures are used to reduce water usage. Compared to conventionally designed facilities of the same kind, the water consumption is reduced by 28 to 41 percent.

The projects developed under the Sustainable Development Policy of Fairfax County are:

- **Burke Centre Library**

Burke Centre Library received Silver Certification from USGBC and is the only LEED certified library in Virginia. Burke Centre Library uses carpet, ceiling tile, ceramic tile, and furnishings that contain 48 percent or more recycled content. Energy consumption is reduced by 29 percent, resulting in a savings of approximately \$9,800 per year. Water consumption is reduced by 41 percent.

- **Crosspointe Fire Station**

The Crosspointe Fire Station received LEED Gold Certification from the USGBC. Gold level certification is the second highest certification level within USGBC and the Crosspointe ranks among only six LEED Gold-certified buildings in the nation. The building features cork and bamboo flooring, and 56 percent of the building materials have recycled content. Crosspointe slashes energy usage by 25 percent, resulting in a savings of almost \$11,000 per year. Water consumption is reduced by 40 percent.

- **Foundations (formerly known as the Girls Probation House)**

Foundations received a Green Globe certification from the Green Building Initiative at the Two Globes Level. The building has recycled materials in its steel framing, ceiling panels and carpet tiles, and eight percent of the building materials contain recycled content. Through the use of natural light and energy efficient equipment, the overall energy usage is reduced by 17 percent, resulting in a savings of approximately \$4,800 per year. The water consumption is reduced by 28 percent using low flow fixtures and efficient plumbing equipment.

- **Fairfax Centre Fire Station**

The Fairfax Centre Fire Station received LEED Certification from the USGBC. This project is the first Fairfax County project to receive a LEED/green building certification. The building features water efficient landscaping and land conservation areas, building materials that have recycled content and are low emitting including carpet, paints, adhesives, and sealants. The Fairfax Centre Fire Station reduces energy and water usage resulting in a savings of approximately \$15,000 per year.

- **Katherine K. Hanley Family Shelter**

Katherine K. Hanley Family Shelter received a Green Globe certification from the Green Building Initiative at the One Globe Level. It is one of the first shelters in the Country to have received this certification. The building has a compact foot print to preserve a large natural tree area and native landscaping to reduce irrigation needs. It features materials with recycled content obtained from local and regional sources to reduce cost and impact of hauling. Efficiency in water system, lighting, heating and air conditioning help reduce annual water and energy costs.

- **Ongoing Project Development**

In conformance to County's Sustainable Development Policy, Department of Public Works and Environmental Services continues to actively pursue the implementation of sustainable principals in the Capital Improvement Program. An additional 20 projects are currently being developed under this program.

Project Recognitions....

Library Finds Reason to Celebrate

Burke Centre Library throws party to mark first anniversary

By Justin Fanizzi

The Connection Newspaper

Wednesday, June 17, 2009

‘One year ago, the Burke Centre Library had just opened its doors and was being celebrated for its innovative design and convenient location. Twelve months and thousands of visitors later, that optimism and enthusiasm has not waned, as library staff and supporters gathered with the community on Saturday, June 13, 2009, to celebrate a successful first year of service.

The library celebrated its first anniversary with a used book sale, two author lectures and a silent auction, all of which attracted dozens of loyal library patrons.

“It’s been wonderful,” said branch manager Linda Schlekau, of the library’s first year. “We’ve made lots of new community friends and partners and our circulation has gone through the roof as people have discovered us. There was a lot of excitement when we were brand new and that level of excitement hasn’t changed. People like to be here.”

Board of Supervisors Recognizes the Herndon-Monroe Parking Garage Remediation Project Management Team

May 18, 2009

The Board of Supervisors recognized the Herndon-Monroe Parking Garage Remediation Project Management Team for its efforts in conducting a structural assessment, the design, and the successful implementation of urgent repairs to the upper deck of the Herndon-Monroe Parking Garage. The repairs, though an unexpected expenditure, were completed in a short time and within budget. The removal of parking spaces in the garage impacted not only the commuters but the surrounding neighborhood. The team demonstrated an exceptional spirit of collaboration throughout the project and provided relief to the community by establishing temporary fields for parking as the facility is used daily by hundreds of commuters. Throughout the life of the project, the public was kept informed of the project activities via the Fairfax Connector Website and printed announcements and notices.

Board of Supervisors Recognizes the Katherine K. Hanley Family Shelter Project Management Team

November 17, 2008

The Katherine K. Hanley Family Shelter Project Management Team was recognized for its efforts to incorporate green building features into the design of the shelter. The project management team includes the Fairfax County Department of Public Works and Environmental Services and Wisniewski Blair & Associates. It is the first such shelter in the country to be recognized by the Green Building Initiative’s Green Globes environmental assessment and rating

system for commercial buildings and the first project to be certified by the Green Building Initiative in Virginia. Among the environmental features incorporated in the design of the facility are: a minimal footprint; energy-efficient appliances and systems; minimal environmental impact building materials; materials from nearby areas to reduce costs and environmental impact of hauling; natural landscaping; low-emissivity glass; preferred parking for carpoolers; and bicycle racks and an off-site trail.

Award winners are selected based on their advancement or support of the Fairfax County Board of Supervisors and Fairfax County's environmental goals and policy statements; their dedication of personal time and expertise beyond normal fiscal or civic responsibilities; and their leadership as a role model for others.

The awards program is administered by the [Fairfax County Environmental Quality Advisory Council](#).

Board of Supervisors Recognizes the McConnell Public Safety and Transportation Operations Center Project Management Team

December 8, 2008

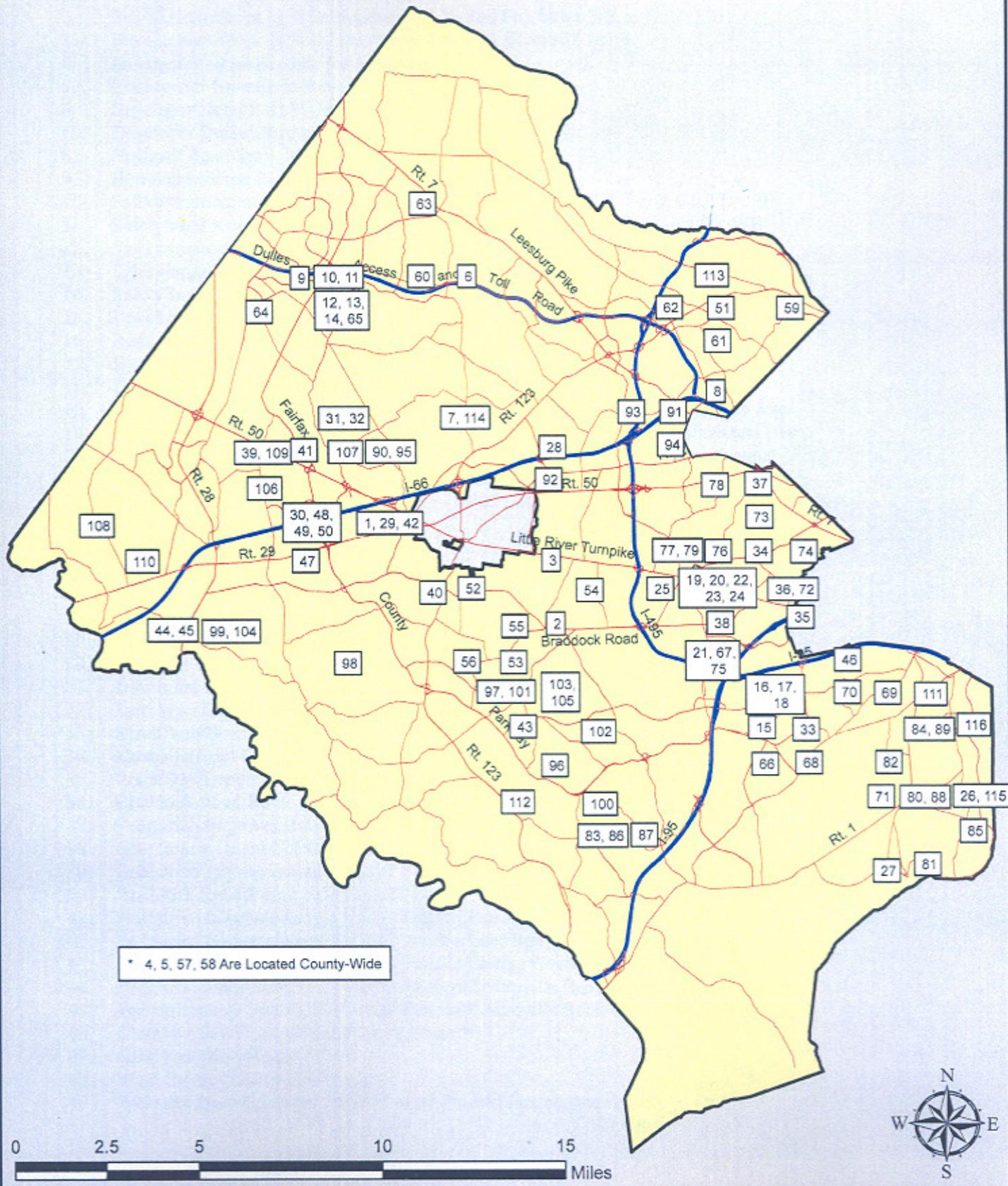
The Board of Supervisors recognized the McConnell Public Safety and Transportation Operations Center (MPSTOC) Project Management Team for demonstrating an exceptional spirit of collaboration for demonstrating an exceptional spirit of collaboration throughout the planning, design, and construction of the MPSTOC. The first of its kind in the nation, the facility is built to foster and alliance among the County of Fairfax and commonwealth of Virginia public safety, transportation and emergency management partners.

Board of Supervisors Recognizes the West Ox Bus Operations Center Project Management Team

December 8, 2008

The Board of Supervisors recognized the Herndon-Monroe Parking Garage Remediation Project Management Team for demonstrating an exceptional spirit of collaboration throughout the planning, design, and construction of the Wet Ox Bus Operations Center. The facility provides enhanced transit services and operational efficiency for Fairfax County and Washington Metropolitan Area Transit Authority.

CAPITAL CONSTRUCTION FY 2009 PROJECT LOCATIONS



CAPITAL PROJECTS COMPLETED IN FY 2009

Map Key

1. I-66 Citizens Disposal Facility Expansion
2. Bus Shelters/Stops @ WB Braddock Rd. & Red Fox Drive NB
3. Bus Shelters/Stops @ WB Little River TrnPk. & Elizabeth Drive
4. Emergency Road Repairs/Service Drive Paving
5. Countywide Streetlight Projects
6. Developer Default/Kelly Estates
7. Developer Default/Brown's Mill Forest
8. Haycock Road Trail, Phase II
9. Herndon Monroe Parking Garage Remedial Work
10. Safety Improvements @ Bus Shelters/Stops/EB Sunrise Valley Dr. & Glad Dr. SB
11. Safety Improvements @ Bus Shelters/Stops/NB Glad Drive & Cocquina Dr. WB
12. Safety Improvements @ Bus Shelters/Stops/EB Glad Drive near Breton Court
13. Safety Improvements @ Bus Shelters/Stops/NB Colts Neck Rd & Steeplechase Dr.
14. Safety Improvements @ Bus Shelters/Stops/NB Colts Neck Rd. near Insha Ct. EB
15. Developer Default/Rite Aid Pharmacy @ Silver Lake
16. Road Maintenance Program/Tilbury Road
17. Developer Default/Skyline Homes
18. Developer Default/Meriwether Estates
19. Safety Improvements @ Bus Shelters/Stops/WB Little River TrnPk. & Roberts Ave.
20. Safety Improvements @ Bus Shelters/Stops/WB Little River TrnPk. & Pinecrest Pkwy.
21. Safety Improvements @ Bus Shelters/Stops/WB Edsall Road & Cherokee Avenue
22. Safety Improvements @ Bus Shelters/Stops/EB Little River TrnPk. & Conwell Dr. SB
23. Safety Improvements @ Bus Shelters/Stops/EB Little River TrnPk. & Willow Run Dr. SB
24. Developer Default/Hillbrook Springs
25. Road Maintenance Projects/Tom Davis Drive
26. Safety Improvements @ Bus Shelters/Stops/NB Fort Hunt Rd. & Gahant Road WB
27. Developer Default/Mount Vernon Walk Pond
28. Developer Default/Oakton Retreat
29. Developer Default/Crown Ridge
30. Forensics Facility
31. Developer Default/Shade Tree Estates, Section 2
32. Developer Default/Shade Tree Estates, Section 3
33. South Van Dorn Street Walkway
34. Mason District Capital Projects/Columbia Pike/Government Center to Downing St.
35. Route 236/Beauregard Street
36. Braddock Road/Route 236
37. Pedestrian Improvements-VDOT Funded/Arlington Blvd./Patrick Henry Drive
38. Spot Improvements/Braddock road/Randolph Drive
39. Pedestrian Improvements – VDOT Funded/Lee Jackson Highway/Stringfellow Road
40. Braddock Road/Route 123 EB (RTL)
41. Pedestrian Improvements – VDOT Funded/Lee Jackson Highway/Majestic Lane
42. Pedestrian Improvements – VDOT Funded/Lee Highway/Monument Drive
43. Pedestrian Improvements – VDOT Funded/Fairfax County Parkway/Old Keene Mill
44. Pedestrian Improvements – VDOT Funded/Centreville Road/Compton Road
45. Pedestrian Improvements – VDOT Funded/Centreville Road/Green Trails Blvd.
46. Clermont Subdivision Trail Project, Phase I
47. Girls Probation House
48. West Ox Bus Operations Center
49. West Ox Road Complex – VDOT West Parcel Maintenance Facility

CAPITAL PROJECTS COMPLETED IN FY 2009

Map Key

50. McConnell Public Safety & Transportation Operations Center
51. Commercial Revitalization Prog./McLean Streetscape Demonstration Project, Ph. II
52. Emergency Watershed Projects/Tapestry Drive (4602)
53. Dam Safety Projects/Dam Site 4 (Lake Royal)
54. Accotink Creek Watershed Projects/Duncan Drive Construction
55. Major Storm Drainage Maintenance/McFarland/Nash
56. Major Storm Drainage Maintenance/Wye Oak Commons Ci. (12224)
57. Storm Sewer Pipe Rehabilitation and Lining
58. Dam Safety Projects/Flood Response, Monitoring, and Signalization System
59. Pimmit Run Watershed Projects/Woodacre Drive
60. Infrastructure Replacement Program/Alwood Road
61. Infrastructure Replacement Program/Laughlin Avenue
62. Emergency Watershed Projects/Scotts Run Road
63. Emergency Watershed Projects/Westhills Lane (1324-1326)
64. Facility Major Maintenance/Centreville/Old Centreville
65. Major Storm Drainage Maintenance/Colts Neck Road
66. Dam Safety Projects/Crestleigh PD1, 07650P
67. Cameron Run Watershed Projects/Cabin John Road
68. Kingstowne Monitoring/Telegraph Road (7137 Demolition)
69. Infrastructure Replacement Program/Pikes Branch
70. Cameron Run Watershed Projects/Thornwood Drive (6208)
71. Little Hunting Creek Watershed Projects/Seven Woods Dr. Outfall Improvement
72. Cameron Run Watershed Projects/Pinecrest Golf Course
73. Cameron Run Watershed Projects/Valley Lane (3143) Construction
74. Cameron Run Watershed Projects/Center Lane
75. Dam Safety Projects/Fairfax Co Fire Station 26
76. Storm Drainage Improvements & Innovation/Dearborn Drive
77. Emergency Watershed Projects/Woodland Road (4005) Phase I
78. Infrastructure Replacement Program/Wayne Road
79. Cameron Run Watershed Projects/Kendale Road Construction
80. Little Hunting Creek Watershed Projects/Walt Whitman School Retrofit
81. Little Hunting Creek Watershed Projects/Fort Hunt Elementary School
82. Little Hunting Creek Watershed Projects/Hybla Valley Elementary School
83. Emergency Watershed Projects/Newington Commons Road (8749)
84. Little Hunting Creek Watershed Projects/Bucknell Manor Park Retrofit
85. Little Hunting Creek Watershed Projects/Collingwood Park Retrofit
86. Dam Safety Projects/Southern Oaks
87. Emergency Watershed Projects/Moline Place (8307, 8311, 8313)
88. Infrastructure Replacement Program/Paul Springs Parkway
89. Watershed Projects New Alexandria Pump Station Upgrades
90. Dam Safety Projects/Mill Run Crossing
91. Cameron Run Watershed Projects/Falls Hill Retrofit
92. Major Storm Drainage Maintenance/Ellenwood
93. Emergency Watershed Projects/Bell Lane (8232)
94. Cameron Run Watershed Projects/Shreveewood ES – Ph. I & II SW Retrofit
95. Difficult Run Watershed Projects/Waples Mill Elementary School – Ph. I & II SW
96. Emergency Watershed Projects/Gavelwood Ct./9000 Block/Flood Mitigation
97. Dam Safety Projects/Cardinal Glen, Section 2 – Ph. I
98. Dam Safety Projects/Colchester Hills

CAPITAL PROJECTS COMPLETED IN FY 2009

Map Key

99. Dam Safety Projects/Little Rocky Run Pond F2 Sediment Removal & Wetland Retrofit
100. Dam Safety Projects/Whisperwood Pond 2 Sediment Removal & Wetland Retrofit
101. Dam Safety Projects/Cardinal Glen, Section 2 – Ph. II
102. Infrastructure Replacement Program/Holford Lane
103. Pohick Creek Watershed Projects/Poplar Spring Court
104. Dam Safety Projects/Compton Heights Sediment Removal & Retrofit
105. Major Storm Drainage Maintenance/6244 Garretson Street
106. Facility Major Maintenance/Poplar Tree Estates Sec. 2 Trash Rack Retrofit
107. Dam Safety Projects/Fox Vale – Section 6
108. Facility Major Maintenance/Pleasant Hill Sediment Removal & Retrofit
109. Dam Safety Projects/Chantilly Library Pond Sediment Removal & Wetland Retrofit
110. Infrastructure Maintenance Program/Ampstead Court
111. Jefferson Manor IIB
112. South Run RECenter – Fitness Addition
113. River Oaks Sanitary Sewer E&I
114. Extension Project/Stryker Avenue
115. Pump Station Renovation Gunston Commons & Wellington I Pump Stations
116. Belle View Gravity Sewer Relocation



McConnell Public Safety and Transportation Operations Center



West Ox Bus Operations Center



Burke Centre VRE parking lot



South Run Recreation Center



Braddock Road at Thomas Jefferson HS



Braddock Road at Route 236



Bus Stop Improvements @ Rt. 236



VDOT West Parcel Maintenance Facility



Braddock Road at Rt. 123



Bus Stop Improvements - Hunter Mill



Belleview Gravity Sewer Relocation



Lee Highway & Monument Drive



Lee Jackson Highway & Stringfellow Rd.



Gloucester Hills Pond Dam Safety Retrofit



Girls Probation House



Herndon Monroe parking garage



Ped. Improvements - Lee Hwy & Monument Dr.



Bellevue Gravity Sewer Relocation



Centreville Road & Green Trails Blvd.



Stryker Avenue Sanitary Sewer E&I



Jefferson Manor Community Improvements



VDOT West Parcel Maintenance Facility



Pikes Branch Infrastructure Replacement



Pedestrian Improvements - Fairfax County Pkwy.



Bus Stop Improvements - Mason District



Duncan Drive Flood Mitigation



Bucknell Manor Park



Mill Run Dam Safety



West Ox Bus Operations Center



Herndon Monroe Parking Garage



River Oaks Sanitary Sewer E&I



Stryker Avenue Sanitary Sewer E&I



South Run Recreation Center



Girls Probation House



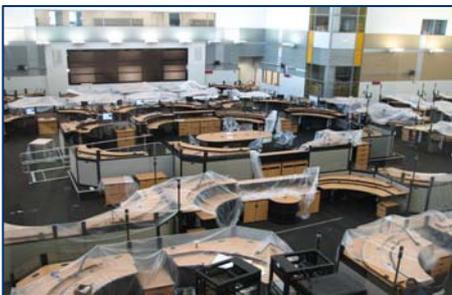
Fox Vale Pond Dam Safety Retrofit



Jefferson Manor Community Improvement



Mill Run Crossing Dam Safety



MPSTOC



Pinecrest Golf Course Bioretention



Royal Lake Dam Spillway Rehabilitation



Royal lake Spillway Rehabilitation



Southern Oaks Pond Dam Safety Retrofit



Lee Jackson Highway & Majestic Lane

CAPITAL PROJECTS COMPLETED IN FY 2009

| Project Cost | Project Number | Project Name | District | Page |
|--|-----------------------|---|-----------------|-------------|
| <u>110, Refuse Disposal</u> | | | | |
| \$ 20,625,003 | 174002 | I-66 Citizens Disposal Facility Expansion | Springfield | 1 |
| <u>303, County Construction</u> | | | | |
| \$ 33,231 | Z00032/04024 | Safety Improvements at Bus Shelters/Stops WB Braddock Rd and Red Fox Dr NB | Braddock | 2 |
| \$ 27,723 | Z00032/03673 | Safety Improvements at Bus Shelters/Stops WB Little River TrnPk. & Elizabeth Dr. | Braddock | 3 |
| \$ 150,299 | V00002/9321 | Emergency Road Repairs/Service Drive Paving | Countywide | 4 |
| \$ 283,465 | Z00001 | Countywide Streetlight Projects | Countywide | 5 |
| \$ 16,474 | U00060/812 | Developer Default/Kelly Estates | Dranesville | 6 |
| \$ 13,310 | U00060/810 | Developer Default/Brown's Mill Forest | Dranesville | 7 |
| \$ 89,109 | 009406 | Haycock Road Trail, Ph II | Dranesville | 8 |
| \$ 2,681,913 | 009527 | Herndon Monroe Parking Garage Remedial Work | Hunter Mill | 9 |
| \$ 10,893 | Z00032/05216 | Safety Improvements at Bus Shelters/Stops EB Sunrise Valley Dr and Glad Dr SB | Hunter Mill | 10 |
| \$ 14,372 | Z00032/05072 | Safety Improvements at Bus Shelters/Stops NB Glad Dr & Cocquina Dr WB | Hunter Mill | 11 |
| \$ 16,190 | Z00032/05082 | Safety Improvements at Bus Shelters/Stops EB Glad Dr near Breton Ct | Hunter Mill | 12 |
| \$ 15,120 | Z00032/05148 | Safety Improvements at Bus Shelters/Stops NB Colts Neck Rd & Steeplechase Dr | Hunter Mill | 13 |
| \$ 13,971 | Z00032/05149 | Safety Improvements at Bus Shelters/Stops NB Colts Neck Rd near Insha Ct EB | Hunter Mill | 14 |
| \$ 16,332 | U00060/00834 | Developer Default/Rite Aid Pharmacy at Silver Lake | Lee | 15 |
| \$ 69,724 | V00004/RM101 | Road Maintenance Program/Tilbury Road | Lee | 16 |
| \$ 45,567 | U00060/00802 | Developer Default/Skyline Homes | Lee | 17 |
| \$ 12,990 | U00060/00853 | Developer Default/Meriwether Estates | Lee | 18 |

CAPITAL PROJECTS COMPLETED IN FY 2009

| | | | | | |
|----|------------|--------------|--|-----------------|----|
| \$ | 26,672 | Z00032/04080 | Safety Improvements at Bus Shelters/Stops WB Little River Tnpk & Roberts Ave | Mason | 19 |
| \$ | 14,709 | Z00032/04079 | Safety Improvements at Bus Shelters/Stops WB Little River Tnpk & Pinecrest Pwy. | Mason | 20 |
| \$ | 16,941 | Z00032/03266 | Safety Improvements at Bus Shelters/Stops WB Edsall Rd & Cherokee Ave | Mason | 21 |
| \$ | 14,802 | Z00032/03692 | Safety Improvements at Bus Shelters/Stops EB Little River Tnpk & Conwell Dr SB | Mason | 22 |
| \$ | 16,868 | Z00032/03694 | Safety Improvements @ Bus Shelters/Stops EB Little River Tnpk & Willow Run Dr SB | Mason | 23 |
| \$ | 27,512 | U00060/00774 | Developer Default/Hillbrook Springs | Mason | 24 |
| \$ | 10,035 | V0004/RM104 | Road Maintenance Projects/Tom Davis Drive | Mason | 25 |
| \$ | 21,045 | Z00032/01185 | Safety Improvements at Bus Shelters/Stops NB Fort Hunt Rd & Gahant Rd WB | Mount Vernon | 26 |
| \$ | 10,370 | U00060/00823 | Developer Default/Mount Vernon Walk Pond | Mount Vernon | 27 |
| \$ | 122,966 | U00060/00770 | Developer Default/Oakton Retreat | Providence | 28 |
| \$ | 31,471 | U00060/00866 | Developer Default/Crown Ridge | Springfield | 29 |
| \$ | 11,500,000 | 009438 | Forensics Facility | Springfield | 30 |
| \$ | 93,168 | U00060/00764 | Developer Default/Shade Tree Estates, Section 2 | Sully | 31 |
| \$ | 8,085 | U00060/00775 | Developer Default/Shade Tree Estates, Section 3 | Sully | 32 |

304, Transportation Improvements

| | | | | | |
|----|-----------|--------------|--|-------------|----|
| \$ | 312,438 | 064272 | South Van Dorn Street Walkway | Lee | 33 |
| \$ | 459,268 | 4YP201/PB026 | Mason District Capital Projects Columbia Pike/Govnmnt Ctr to Downing St | Mason | 34 |
| \$ | 1,861,993 | 4YP013 | Route 236/Beauregard Street | Mason | 35 |
| \$ | 1,355,720 | 4YP014 | Braddock Road/Route 236 | Mason | 36 |
| \$ | 162,141 | 06427/P1001 | Pedestrian Improvements - VDOT Funded Arlington Blvd/Patrick Henry Dr | Mason | 37 |
| \$ | 172,124 | 4YP207 | Spot Improvements – Braddock Rd - Randolph Dr | Mason | 38 |
| \$ | 150,264 | 064267/P1006 | Pedestrian Improvements – VDOT Funded Lee Jackson Highway/Stringfellow Rd | Springfield | 39 |
| \$ | 292,108 | 064275 | Braddock Rd/Rte 123 EB RTL | Springfield | 40 |

CAPITAL PROJECTS COMPLETED IN FY 2009

| | | | | | |
|----|---------|--------------|--|-------------|----|
| \$ | 129,468 | 064267/P1008 | Pedestrian Improvements – VDOT Funded Lee Jackson Highway/Majestic Lane | Springfield | 41 |
| \$ | 108,466 | 064267/P1012 | Pedestrian Improvements – VDOT Funded Lee Highway/Monument Drive | Springfield | 42 |
| \$ | 115,416 | 064267/P1023 | Pedestrian Improvements – VDOT Funded Fairfax County Parkway/Old Keene Mill | Springfield | 43 |
| \$ | 172,949 | 064267/P1015 | Pedestrian Improvements – VDOT Funded Centreville Road/Compton Road | Sully | 44 |
| \$ | 145,118 | 064267/P1016 | Pedestrian Improvements – VDOT Funded Centreville Road/Green Trails Blvd. | Sully | 45 |

307, Pedestrian Walkway Improvements

| | | | | | |
|----|--------|--------|---|-----|----|
| \$ | 44,950 | X00407 | Clermont Subdivision Trail Project, Phase I | Lee | 46 |
|----|--------|--------|---|-----|----|

311, County Bond Construction

| | | | | | |
|----|------------|--------|------------------------------|-------------|----|
| \$ | 4,728,096 | 04A001 | Girls Probation House | Springfield | 47 |
| \$ | 48,357,582 | 88A002 | West Ox Bus Operation Center | Springfield | 48 |

312, Public Safety Construction

| | | | | | |
|----|------------|-------------|---|-------------|----|
| \$ | 9,569,873 | 009211/VDOT | West Ox Road Complex – VDOT West Parcel Maintenance Facility | Springfield | 49 |
| \$ | 95,522,130 | 009211 | McConnell Public Safety & Transportation Operations Center | Springfield | 50 |

315, Commercial Revitalization Program

| | | | | | |
|----|---------|--------------|---|-------------|----|
| \$ | 660,535 | 008912/00001 | Commercial Revitalization Prog./McLean Streetscape Demonstration Project Ph II | Dranesville | 51 |
|----|---------|--------------|---|-------------|----|

318, Stormwater Management

| | | | | | |
|----|-----------|--------------|--|----------|----|
| \$ | 16,054 | FX8000/PC007 | Emergency Watershed Projects/Tapestry Drive (4602) | Braddock | 52 |
| \$ | 2,491,249 | FX4000/PC010 | Dam Safety Projects Dam Site 4 (Lake Royal) | Braddock | 53 |
| \$ | 52,012 | AC8000/AC008 | Accotink Creek Watershed Projects/Duncan Drive Construction | Braddock | 54 |
| \$ | 4,198 | FX6000/FX005 | Major Storm Drainage Maintenance/McFarland/Nash | Braddock | 55 |

CAPITAL PROJECTS COMPLETED IN FY 2009

| | | | | | |
|----|---------|--------------|--|-------------|----|
| \$ | 10,678 | FX6000/FX005 | Major Storm Drainage Maintenance/Wye Oak Commons Ci (12224) | Braddock | 56 |
| \$ | 700,143 | FX6000 | Storm Sewer Pipe Rehabilitation and Lining | Countywide | 57 |
| \$ | 160,000 | FX4000/FX001 | Dam Safety Projects/Flood Response, Monitoring, and Signalization System | Countywide | 58 |
| \$ | 967,437 | PM8000/PM003 | Pimmit Run Watershed Projects/Woodacre Drive | Dranesville | 59 |
| \$ | 49,694 | FX6000/FX007 | Infrastructure Replacement Program/Alwood Road | Dranesville | 60 |
| \$ | 18,164 | FX6000/FX007 | Infrastructure Replacement Program/Laughlin Ave. | Dranesville | 61 |
| \$ | 30,173 | FX8000/SC001 | Emergency Watershed Projects/Scotts Run Road | Dranesville | 62 |
| \$ | 2,345 | FX8000/DF008 | Emergency Watershed Projects/Westhills Lane (1324-1326) | Hunter Mill | 63 |
| \$ | 14,526 | FX5000/FX006 | Facility Major Maintenance Centreville - Old Centreville | Hunter Mill | 64 |
| \$ | 10,885 | FX6000/FX005 | Major Storm Drainage Maintenance/Colts Neck Road | Hunter Mill | 65 |
| \$ | 134,941 | FX4000/LH001 | Dam Safety Projects/Crestleigh PD1, 07650P | Lee | 66 |
| \$ | 76,928 | CA8000/CA032 | Cameron Run Watershed Projects/Cabin John Road | Lee | 67 |
| \$ | 33,614 | DC8000/DC008 | Kingstowne Monitoring Telegraph Road (7137 Demolition) | Lee | 68 |
| \$ | 485,383 | FX6000/CA010 | Infrastructure Replacement Program/Pikes Branch Infrastructure Replacement | Lee | 69 |
| \$ | 121,182 | CA8000/CA028 | Cameron Run Watershed Projects/Thornwood Drive (6208) | Lee | 70 |
| \$ | 4,312 | LH8000/LH021 | Little Hunting Creek Watershed Projects Seven Woods Dr Outfall Improvement | Lee | 71 |
| \$ | 169,634 | CA8000/CA009 | Cameron Run Watershed Projects/Pinecrest Golf Course | Mason | 72 |
| \$ | 99,733 | CA8000/CA024 | Cameron Run Watershed Projects/Valley Lane (3143) Construction | Mason | 73 |
| \$ | 77,422 | CA8000/CA004 | Cameron Run Watershed Projects Center Lane | Mason | 74 |
| \$ | 78,629 | FX4000/CA003 | Dam Safety Projects/Fairfax Co Fire Station 26 | Mason | 75 |

CAPITAL PROJECTS COMPLETED IN FY 2009

| | | | | | |
|----|---------|--------------|---|--------------|----|
| \$ | 196,609 | FX1000/CA002 | Storm Drainage Improvements & Innovation/Dearborn Dr Storm Drainage Project | Mason | 76 |
| \$ | 20,437 | FX8000/AC009 | Emergency Watershed Projects/Woodland Road (4005) Phase 1 | Mason | 77 |
| \$ | 83,137 | FX6000/FX007 | Infrastructure Replacement Program/Wayne Road | Mason | 78 |
| \$ | 97,106 | CA8000/CA030 | Cameron Run Watershed Projects/Kendale Road Construction | Mason | 79 |
| \$ | 130,740 | LH8000/LH006 | Little Hunting Creek Watershed Projects/Walt Whitman School Retrofit | Mount Vernon | 80 |
| \$ | 64,281 | LH8000/LH006 | Little Hunting Creek Watershed Projects/Fort Hunt Elementary School | Mount Vernon | 81 |
| \$ | 124,214 | LH8000/LH006 | Little Hunting Creek Watershed Projects/Hybla Valley Elementary School | Mount Vernon | 82 |
| \$ | 7,555 | FX8000/PC006 | Emergency Watershed Projects/Newington Commons Road (8749) | Mount Vernon | 83 |
| \$ | 87,052 | LH8000/LH012 | Little Hunting Creek Watershed Projects/Bucknell Manor Park Retrofit | Mount Vernon | 84 |
| \$ | 92,333 | LH8000/LH013 | Little Hunting Creek Watershed Projects/Collingwood Park Retrofit | Mount Vernon | 85 |
| \$ | 208,360 | FX4000/PC007 | Dam Safety Projects/Southern Oaks | Mount Vernon | 86 |
| \$ | 9,499 | FX8000/PC003 | Emergency Watershed Projects/Moline Place (8307, 8311, 8313) | Mount Vernon | 87 |
| \$ | 15,024 | FX6000/FX007 | Infrastructure Replacement Program Paul Springs Pwky | Mount Vernon | 88 |
| \$ | 197,500 | BH8000/BH001 | Watershed Projects New Alexandria Pump Station Upgrades | Mount Vernon | 89 |
| \$ | 210,210 | FX4000/DF007 | Dam Safety Projects/Mill Run Crossing | Providence | 90 |
| \$ | 25,073 | CA8000/CA014 | Cameron Run Watershed Projects/Falls Hill Retrofits | Providence | 91 |
| \$ | 5,602 | FX6000/FX005 | Major Storm Drainage Maintenance/Ellenwood | Providence | 92 |
| \$ | 11,200 | FX8000/DF001 | Emergency Watershed Projects/Bell Lane (8232) | Providence | 93 |
| \$ | 0 | CA8000/CA033 | Cameron Run Watershed Projects Shreveewood ES – Phase I & II SW Retrofit | Providence | 94 |

CAPITAL PROJECTS COMPLETED IN FY 2009

| | | | | | |
|----|---------|--------------|--|-------------|-----|
| \$ | 0 | DF8000/DF010 | Difficult Run Watershed Projects Waples Mill Elementary School – Phase I & II SW | Providence | 95 |
| \$ | 8,647 | FX8000/PC005 | Emergency Watershed Projects/Gavelwood Ct/9000 Block/Flood Mitigation | Springfield | 96 |
| \$ | 176,668 | FX4000/PC005 | Dam Safety Projects/Cardinal Glen Sec. 2 - Phase 1 | Springfield | 97 |
| \$ | 131,013 | FX4000/PH001 | Dam Safety Projects/Colchester Hills | Springfield | 98 |
| \$ | 18,241 | FX4000/LR003 | Dam Safety Projs/Little Rocky Run Pond F2 Sediment Removal & Wetland Retrofit | Springfield | 99 |
| \$ | 52,649 | FX4000/PC015 | Dam Safety Projects/Whisperwood Pond 2 Sediment Removal and Retrofit | Springfield | 100 |
| \$ | 199,736 | FX4000/PC005 | Dam Safety Projects/Cardinal Glen Sec 2 – Phase II | Springfield | 101 |
| \$ | 52,394 | FX6000/FX007 | Infrastructure Replacement Program/Holford Lane | Springfield | 102 |
| \$ | 298,183 | PC8000/PC004 | Pohick Creek Watershed Projects/Poplar Spring Court | Springfield | 103 |
| \$ | 112,512 | FX4000/LR002 | Dam Safety Projects/Compton Heights Sediment Removal and Retrofit | Springfield | 104 |
| \$ | 3,431 | FX6000/FX005 | Major Storm Drainage Maintenance/6244 Garretson St | Springfield | 105 |
| \$ | 3,306 | FX5000/FX006 | Facility Major Maintenance/Poplar Tree Estates Sec 2 Trash Rack Retrofit | Sully | 106 |
| \$ | 222,239 | FX4000/DF008 | Dam Safety Projects/Fox Vale Sec 6 | Sully | 107 |
| \$ | 16,796 | FX5000/FX005 | Facility Major Maintenance/Pleasant Hill Sediment Removal and Retrofit | Sully | 108 |
| \$ | 30,250 | FX4000/CU001 | Dam Safety Projs/Chantilly Library Pond Sediment Removal & Wetland Retrofit | Sully | 109 |
| \$ | 34,111 | FX6000/FX007 | Infrastructure Maintenance program - Ampstead Court | Sully | 110 |

340, Housing Assistance Program

| | | | | | |
|----|-----------|--------|---------------------|-----|-----|
| \$ | 1,940,725 | 013918 | Jefferson Manor IIB | Lee | 111 |
|----|-----------|--------|---------------------|-----|-----|

370, Park Authority Bond Construction

| | | | | | |
|----|-----------|--------|---------------------------------------|-------------|-----|
| \$ | 2,847,852 | 476204 | South Run RECenter – Fitness Addition | Springfield | 112 |
|----|-----------|--------|---------------------------------------|-------------|-----|

CAPITAL PROJECTS COMPLETED IN FY 2009

402, Wastewater Treatment Revenue Fund

| | | | | | |
|----|-------------|--------------|--|--------------|-----|
| \$ | 5,585,424 | X00826/E004 | River Oaks Sanitary Sewer Extension & Improvement | Dranesville | 113 |
| \$ | 1,019,197 | X00826/E102 | Extension Project/Stryker Avenue | Hunter Mill | 114 |
| \$ | 256,433 | I00351/0002 | Pump Station Renovation Gunston Commons & Wellington 1 Pump Stations | Mount Vernon | 115 |
| \$ | 4,757,946 | X00905 | Belle View Gravity Sewer Relocation | Mount Vernon | 116 |
| \$ | 225,533,990 | Total | FY 2009 Completed Projects | | |

CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---|-------------------|--------|
| Project Name: | I-66 Citizens Disposal Facility Expansion | Project #: | 174002 |
| Fund Title: | Refuse Disposal | Fund #: | 110 |
| Magisterial District: | Springfield | Tax Map #: | 056-2 |
| Address: | 4618 West Ox Rd | | |

SCOPE

Construction of elevated unloading bays, new recycling center, truck scales & scale house, booths, major storm drainage & site improvements. Also, included was a new metal goods drop-off structure & brush processing area.

| | |
|--------------------------------------|--|
| Designed By: | Solid Waste Services, LLC (consultant) |
| Constructed By: | Martin & Gass, Inc (contractor) |
| Contract Number: | CN07110001 |
| Task Order Number: | N/A |
| Construction Completion Date: | 6/16/2009 |
| DPWES Project Manager: | Riat, Amarjit |
| DPWES Construction Manager: | Knizner, Anthony |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$92,843 |
| Design: | \$1,555,685 |
| Construction: | \$18,785,063 |
| Utilities: | \$191,412 |
| Total: | \$20,625,003 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Safety Improvements at Bus Shelters/Stops WB Braddock Rd and Red Fox Dr NB
Fund Title: County Construction **Project #:** Z00032 04024
Magisterial District: Braddock **Fund #:** 303
Address: 9025 Orange Hunt Lane **Tax Map #:** 69-4

SCOPE

Installation of a concrete pad, storm structures, and other related items.

Designed By: Whitman, Requardt & Associates (consultant)
Constructed By: Ashburn Contracting Corp (contractor)
Contract Number: CN09303357
Task Order Number: 6
Construction Completion Date: 3/30/2009
DPWES Project Manager: Utterback, Brian
DPWES Construction Manager: Farsad, Nahid
DPWES Right-of-Way Agent: Buckley, Beth

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$8,867 |
| Construction: | \$22,567 |
| Utilities: | \$1,797 |
| Total: | \$33,231 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Safety Improvements at Bus Shelters/Stops WB Little River Trnpg. & Elizabeth Dr.
Fund Title: County Construction **Project #:** Z00032 03673
Magisterial District: Braddock **Fund #:** 303
Address: 9005 Little River Turnpike **Tax Map #:** 058-4

SCOPE

Installation of a pad, concrete walkway, and storm drainage improvements.

Designed By: Whitman, Requardt & Associates (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09303345
Task Order Number: 99
Construction Completion Date: 10/10/2008
DPWES Project Manager: Guarino, Michael
DPWES Construction Manager: Farsad, Nahid

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$11,934 |
| Construction: | \$14,767 |
| Utilities: | \$1,022 |
| Total: | \$27,723 |



CAPITAL PROJECTS COMPLETED - FY 2009

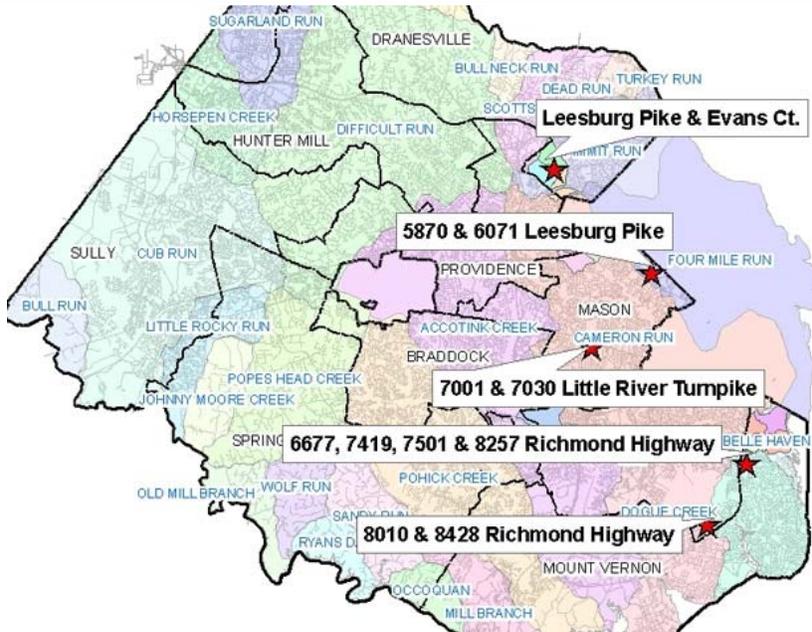
| | | | |
|------------------------------|--|-------------------|-------------|
| Project Name: | Emergency Road Repairs/ Service Drive Paving | Project #: | V00002 9321 |
| Fund Title: | County Construction | Fund #: | 303 |
| Magisterial District: | Countywide | Tax Map #: | |
| Address: | Countywide | | |

SCOPE

Approximately 9,355 square feet of milling and paving were performed on service drives throughout the County.

| | |
|--------------------------------------|--|
| Designed By: | Much, Gary, Maintenance and Stormwater Management Div. |
| Constructed By: | Finley Asphalt (contractor) |
| Contract Number: | N/A |
| Task Order Number: | N/A |
| Construction Completion Date: | 10/21/2008 |
| DPWES Project Manager: | Much, Gary |
| DPWES Construction Manager: | Glines, Dale |

| Costs | Dollar Amount |
|---------------|------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$150,299 |
| Utilities: | \$0 |
| Total: | \$150,299 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---------------------------------|-------------------|--------|
| Project Name: | Countywide Streetlight Projects | Project #: | Z00001 |
| Fund Title: | County Construction | Fund #: | 303 |
| Magisterial District: | Countywide | Tax Map #: | |
| Address: | Countywide | | |

SCOPE

In FY 2009, 129 new streetlights were installed/upgraded throughout the County. This total includes 16 LED streetlights installed at the Burke Centre Virginia Railway Express station parking lot as part of a LED pilot project.

| | |
|--------------------------------------|--|
| Designed By: | Streetlight Section, Planning & Design Division, DPWES |
| Constructed By: | Dominion Virginia Power & NOVEC (contractor) |
| Contract Number: | N/A |
| Task Order Number: | N/A |
| Construction Completion Date: | 6/30/2009 |
| DPWES Project Manager: | Felix M. Bermejo |
| DPWES Construction Manager: | N/A |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$283,465 |
| Utilities: | \$0 |
| Total: | \$283,465 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|--|-------------------|--------------|
| Project Name: | Developer Default/ Kelly Estates | Project #: | U00060 00812 |
| Fund Title: | County Construction | Fund #: | 303 |
| Magisterial District: | Dranesville | Tax Map #: | 19-4 |
| Address: | 9038, 9040, 9042, & 9044 Leesburg Pike | | |

SCOPE

Corrected developer default punch-list items. Relocated fire hydrant, installed water valves, corrected ponding water in pavement, and repaved work areas.

| | |
|--------------------------------------|---|
| Designed By: | Popoola, Larry, Planning & Design Div., DPWES |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN09303346 |
| Task Order Number: | 100 |
| Construction Completion Date: | 11/13/2008 |
| DPWES Project Manager: | Popoola, Larry |
| DPWES Construction Manager: | Conchar, Karen |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$2,468 |
| Construction: | \$14,006 |
| Utilities: | \$0 |
| Total: | \$16,474 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Developer Default/ Brown's Mill Forest
Fund Title: County Construction **Project #:** U00060 00810
Magisterial District: Dranesville **Fund #:** 303
Address: 1400 Block of Wynhurst Lane **Tax Map #:** 37-4

SCOPE

Repair of storm lines, video storm lines, and asphalt patch/paving, in preparation for VDOT inspection and acceptance.

Designed By: Popoola, Larry, Planning & Design Div., DPWES
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09303354
Task Order Number: 121
Construction Completion Date: 3/11/2009
DPWES Project Manager: Popoola, Larry
DPWES Construction Manager: Cutler, Tommy

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$13,310 |
| Utilities: | \$0 |
| Total: | \$13,310 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Haycock Road Trail, Ph II
Fund Title: County Construction
Magisterial District: Dranesville
Address: 6904-6646 Haycock Road

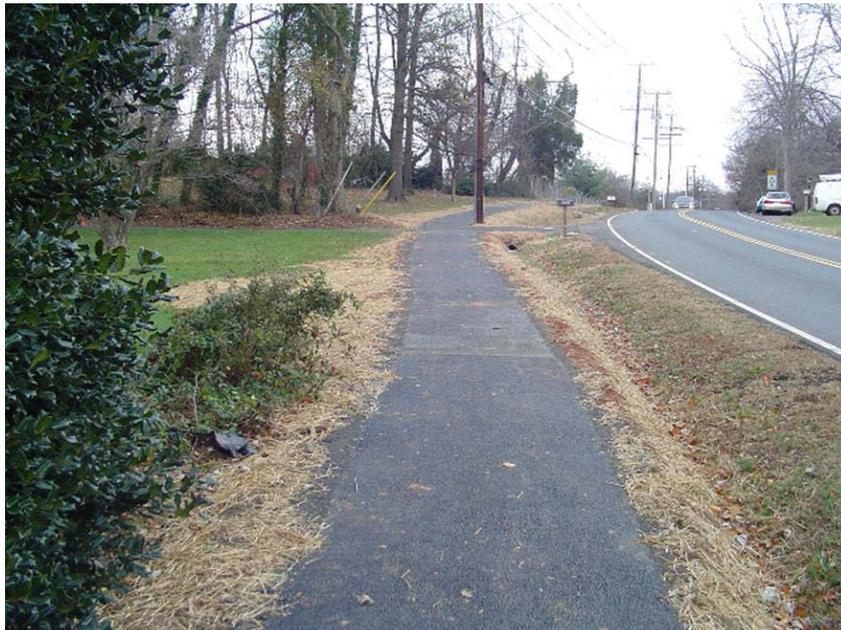
Project #: 009406
Fund #: 303
Tax Map #: 40-2, 40-4

SCOPE

The project included safety, accessibility, and rehabilitation of approximately 1,250 LF of asphalt trail along Haycock Road.

Designed By: Rinker and Associates (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: N/A
Task Order Number: 119
Construction Completion Date: 12/4/2008
DPWES Project Manager: Huang, Ta-En
DPWES Construction Manager: Qureshi, Mannan

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$27,000 |
| Construction: | \$62,109 |
| Utilities: | \$0 |
| Total: | \$89,109 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Herndon Monroe Parking Garage Remedial Work
Fund Title: County Construction **Project #:** 009527
Magisterial District: Hunter Mill **Fund #:** 303
Address: 12530 Sunrise Valley Drive **Tax Map #:** 16-4

SCOPE

Remedial repairs to concrete floors and columns on each level of parking structure, installation of a new waterproofing membrane and new expansion joints on the top 3 levels, installation of new drains to improve surface drainage & other related items.

Designed By: Walker Parking Consultants/Walker Restoration (consultant)
Constructed By: Eastern Waterproofing & Restoration Co., Inc. (contractor)
Contract Number: CN08303312
Task Order Number: N/A
Construction Completion Date: 12/29/2008
DPWES Project Manager: Barzingy, Haval
DPWES Construction Manager: Vinluan, Rufino

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$48,536 |
| Design: | \$529,967 |
| Construction: | \$2,103,410 |
| Utilities: | \$0 |
| Total: | \$2,681,913 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | |
|-----------------------|--|-------------------------|
| Project Name: | Safety Improvements at Bus Shelters/Stops EB Sunrise Valley Dr and Glade Dr SB | |
| Fund Title: | County Construction | Project #: Z00032 05216 |
| Magisterial District: | Hunter Mill | Fund #: 303 |
| Address: | 2100 Westglade Court | Tax Map #: 17-3 |

SCOPE

Installation of a concrete pad, walkway, and other related items.

| | |
|-------------------------------|---|
| Designed By: | Whitman, Requardt & Associates (consultant) |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN09303363 |
| Task Order Number: | 18 |
| Construction Completion Date: | 6/15/2009 |
| DPWES Project Manager: | Utterback, Brian |
| DPWES Construction Manager: | Farsad, Nahid |

| Costs | Dollar Amount |
|---------------|-----------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$5,351 |
| Construction: | \$3,313 |
| Utilities: | \$2,229 |
| Total: | \$10,893 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Safety Improvements at Bus Shelters/Stops NB Glade Dr & Cocquina Dr WB
Fund Title: County Construction **Project #:** Z00032 05072
Magisterial District: Hunter Mill **Fund #:** 303
Address: 2290 Cocquina Drive **Tax Map #:** 17-3

SCOPE

Installation of a concrete pad, walkway curb ramp, and other related items.

Designed By: Whitman, Requardt & Associates (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09303364
Task Order Number: 19
Construction Completion Date: 6/15/2009
DPWES Project Manager: Utterback, Brian
DPWES Construction Manager: Farsad, Nahid

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$6,033 |
| Construction: | \$3,466 |
| Utilities: | \$4,873 |
| Total: | \$14,372 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Safety Improvements at Bus Shelters/Stops EB Glade Dr near Breton Ct
Fund Title: County Construction **Project #:** Z00032 05082
Magisterial District: Hunter Mill **Fund #:** 303
Address: 11827 Breton Court **Tax Map #:** 26-1

SCOPE

Construction of a concrete pad, sidewalk, curb ramp, and other related items.

Designed By: Whitman, Requardt & Associates (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09303342
Task Order Number: 96
Construction Completion Date: 10/10/2008
DPWES Project Manager: Guarino, Michael
DPWES Construction Manager: Farsad, Nahid

DPWES Surveyor: McEntire, Vickie

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$6,640 |
| Construction: | \$8,726 |
| Utilities: | \$824 |
| Total: | \$16,190 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Safety Improvements at Bus Shelters/Stops NB Colts Neck Rd & Steeplechase Dr
Fund Title: County Construction **Project #:** Z00032 05148
Magisterial District: Hunter Mill **Fund #:** 303
Address: 2401 Colts Neck Road **Tax Map #:** 26-1

SCOPE

Installation of a concrete pad, walkway, and other related items.

Designed By: Whitman, Requardt & Associates (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09303368
Task Order Number: 23
Construction Completion Date: 6/15/2009
DPWES Project Manager: Utterback, Brian
DPWES Construction Manager: Farsad, Nahid
DPWES Right-of-Way Agent: Buckley, Beth
DPWES Surveyor: McEntire, Vickie

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$1,269 |
| Permits/Fees: | \$0 |
| Design: | \$6,286 |
| Construction: | \$7,014 |
| Utilities: | \$551 |
| Total: | \$15,120 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Safety Improvements at Bus Shelters/Stops NB Colts Neck Rd near Insha Ct EB
Fund Title: County Construction **Project #:** Z00032 05149
Magisterial District: Hunter Mill **Fund #:** 303
Address: 12001 Insha Court **Tax Map #:** 026-1

SCOPE

Construction of a concrete pad, walkway, and other related items.

Designed By: Whitman, Requardt & Associates (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09303341
Task Order Number: 95
Construction Completion Date: 10/10/2008
DPWES Project Manager: Guarino, Michael
DPWES Construction Manager: Farsad, Nahid

DPWES Surveyor: McEntire, Vickie

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$5,798 |
| Construction: | \$7,334 |
| Utilities: | \$839 |
| Total: | \$13,971 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---|-------------------|--------------|
| Project Name: | Developer Default/ Rite Aid Pharmacy at Silver Lake | Project #: | U00060 00834 |
| Fund Title: | County Construction | Fund #: | 303 |
| Magisterial District: | Lee | Tax Map #: | 91-1 |
| Address: | 7100 Silver Lake Blvd. | | |

SCOPE

Installed a new fire lane, signage, repainting fire lane curbs, and related items.

| | |
|--------------------------------------|--|
| Designed By: | Dewberry & Davis (consultant) |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN09303348 |
| Task Order Number: | 107 |
| Construction Completion Date: | 12/18/2008 |
| DPWES Project Manager: | Popoola, Larry |
| DPWES Construction Manager: | Cutler, Tommy |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$32 |
| Design: | \$7,999 |
| Construction: | \$8,301 |
| Utilities: | \$0 |
| Total: | \$16,332 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|--|-------------------|--------------|
| Project Name: | Road Maintenance Program/ Tilbury Road | Project #: | V00004 RM101 |
| Fund Title: | County Construction | Fund #: | 303 |
| Magisterial District: | Lee | Tax Map #: | 081-3 |
| Address: | 5942 Tilbury Road | | |

SCOPE

Upgraded approximately 1000 LF of existing alley to provide emergency access and installed two gates and associated signage.

| | |
|--------------------------------------|---|
| Designed By: | Planning and Design Division, DPWES |
| Constructed By: | Maintenance & Stormwater Management Division, DPWES |
| Contract Number: | N/A |
| Task Order Number: | N/A |
| Construction Completion Date: | 9/20/2008 |
| DPWES Project Manager: | Schmidt, Natasha |
| DPWES Construction Manager: | Pope, Billy |
| DPWES Right-of-Way Agent: | Zore, Tasneem |
| DPWES Surveyor: | Strecker, Mathias |

| Costs | Dollar Amount |
|---------------|-----------------|
| Land: | \$36,494 |
| Permits/Fees: | \$0 |
| Design: | \$6,687 |
| Construction: | \$26,543 |
| Utilities: | \$0 |
| Total: | \$69,724 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Developer Default/ Skyline Homes
Fund Title: County Construction
Magisterial District: Lee
Address: Franconia Commons Dr. & Franconia Commons Ct.

Project #: U00060 00802
Fund #: 303
Tax Map #: 81-3

SCOPE

Installation of new fire lane signage, replacing curb ramps, curb & gutter, sidewalks, asphalt patch work. Paving/overlaying intersection at entrance to neighborhood.

Designed By: Popoola, Larry, Planning & Design Div., DPWES
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09303355
Task Order Number: 3
Construction Completion Date: 4/1/2009
DPWES Project Manager: Popoola, Larry
DPWES Construction Manager: Cutler, Tommy

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$45,567 |
| Utilities: | \$0 |
| Total: | \$45,567 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Developer Default/ Meriwether Estates

Fund Title: County Construction

Magisterial District: Lee

Address: 6300 Block of Zekan Lane

Project #: U00060 00853

Fund #: 303

Tax Map #: 81-3

SCOPE

Regrade stormwater pond to planned capacity and related restoration items.

Designed By: Huntley, Nyce & Associates (consultant)

Constructed By: Ashburn Contracting Corp. (contractor)

Contract Number: CN0830330

Task Order Number: 76

Construction Completion Date: 8/22/2008

DPWES Project Manager: Popoola, Larry

DPWES Construction Manager: Conchar, Karen

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$3,105 |
| Construction: | \$9,885 |
| Utilities: | \$0 |
| Total: | \$12,990 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Safety Improvements at Bus Shelters/Stops WB Little River Tnpk & Roberts Ave
Fund Title: County Construction **Project #:** Z00032 04080
Magisterial District: Mason **Fund #:** 303
Address: 6800 Little River Turnpike **Tax Map #:** 071-2

SCOPE

Construction of an asphalt pad, storm drainage improvements, and other related items.

Designed By: Whitman, Requardt & Associates (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09303344
Task Order Number: 98
Construction Completion Date: 10/10/2008
DPWES Project Manager: Guarino, Michael
DPWES Construction Manager: Farsad, Nahid

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$10,232 |
| Construction: | \$15,047 |
| Utilities: | \$1,393 |
| Total: | \$26,672 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Safety Improvements at Bus Shelters/Stops WB Little River Tnpk & Pinecrest Pwy
Fund Title: County Construction **Project #:** Z00032 04079
Magisterial District: Mason **Fund #:** 303
Address: 4548 Airlie Way **Tax Map #:** 071-2

SCOPE

Installation of a concrete pad, curb ramp, walkway, and other related items.

Designed By: Whitman, Requardt & Associates (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09303365
Task Order Number: 20
Construction Completion Date: 6/19/2009
DPWES Project Manager: Utterback, Brian
DPWES Construction Manager: Farsad, Nahid

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$7,131 |
| Construction: | \$5,200 |
| Utilities: | \$2,378 |
| Total: | \$14,709 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Safety Improvements at Bus Shelters/Stops WB Edsall Rd & Cherokee Ave
Fund Title: County Construction **Project #:** Z00032 03266
Magisterial District: Mason **Fund #:** 303
Address: 6540 Edsall Road **Tax Map #:** 080-2

SCOPE

Construction of a concrete pad, sidewalk, and other related items.

Designed By: Whitman, Requardt & Associates (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09303343
Task Order Number: 97
Construction Completion Date: 10/10/2008
DPWES Project Manager: Guarino, Michael
DPWES Construction Manager: Farsad, Nahid

DPWES Surveyor: McEntire, Vickie

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$5,716 |
| Construction: | \$10,076 |
| Utilities: | \$1,149 |
| Total: | \$16,941 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Safety Improvements at Bus Shelters/Stops EB Little River Tnpk & Conwell Dr SB
Fund Title: County Construction **Project #:** Z00032 03692
Magisterial District: Mason **Fund #:** 303
Address: 6761 Little River Tpk. **Tax Map #:** 71-2

SCOPE

Installation of a concrete pad, curb ramp, walkway, and other related items.

Designed By: Whitman, Requardt & Associates (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09303367
Task Order Number: 22
Construction Completion Date: 6/19/2009
DPWES Project Manager: Utterback, Brian
DPWES Construction Manager: Farsad, Nahid

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$6,734 |
| Construction: | \$7,198 |
| Utilities: | \$870 |
| Total: | \$14,802 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Safety Improvements @ Bus Shelters/Stops EB Little River Tnpk & Willow Run Dr
Fund Title: County Construction **Project #:** Z00032 03694
Magisterial District: Mason **Fund #:** 303
Address: 4600 Willow Run Drive **Tax Map #:** 071-2

SCOPE

Installation of a concrete pad, curb ramp, walkway, and other related items.

Designed By: Whitman, Requardt & Associates (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09303366
Task Order Number: 21
Construction Completion Date: 6/19/2009
DPWES Project Manager: Utterback, Brian
DPWES Construction Manager: Farsad, Nahid

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$7,022 |
| Construction: | \$7,045 |
| Utilities: | \$2,801 |
| Total: | \$16,868 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | |
|---|--------------------------------|
| Project Name: Developer Default/ Hillbrook Springs | Project #: U00060 00774 |
| Fund Title: County Construction | Fund #: 303 |
| Magisterial District: Mason | Tax Map #: 71-2 |
| Address: 6900 Block of Winter Lane | |

SCOPE

Regrade stormwater pond to planned capacity and related restoration items.

| | |
|--------------------------------------|--|
| Designed By: | Dewberry & Davis, LLC (consultant) |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN09303351 |
| Task Order Number: | 109 |
| Construction Completion Date: | 4/1/2009 |
| DPWES Project Manager: | Popoola, Larry |
| DPWES Construction Manager: | Conchar, Karen |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$6,800 |
| Construction: | \$20,712 |
| Utilities: | \$0 |
| Total: | \$27,512 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|--|-------------------|--------------|
| Project Name: | Road Maintenance Projects/ Tom Davis Drive | Project #: | V00004 RM104 |
| Fund Title: | County Construction | Fund #: | 303 |
| Magisterial District: | Mason | Tax Map #: | 71-1-01 |
| Address: | Tom Davis Drive | | |

SCOPE

Milling and paving approximately 3,150 square feet of asphalt.

| | |
|--------------------------------------|--|
| Designed By: | Much, Gary, Maintenance and Stormwater Management Div. |
| Constructed By: | Finley Asphalt (contractor) |
| Contract Number: | N/A |
| Task Order Number: | N/A |
| Construction Completion Date: | 11/10/2008 |
| DPWES Project Manager: | Much, Gary |
| DPWES Construction Manager: | Glines, Dale |

| Costs | Dollar Amount |
|---------------|-----------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$10,035 |
| Utilities: | \$0 |
| Total: | \$10,035 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Safety Improvements at Bus Shelters/Stops NB Fort Hunt Rd & Gahant Rd WB
Fund Title: County Construction **Project #:** Z00032 01185
Magisterial District: Mount Vernon **Fund #:** 303
Address: 1305 Gahant Road **Tax Map #:** 102-2

SCOPE

Construction of a bus pad, concrete sidewalk, storm drainage improvements, and other related items.

Designed By: Whitman, Requardt & Associates (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09303350
Task Order Number: 111
Construction Completion Date: 11/26/2008
DPWES Project Manager: Utterback, Brian
DPWES Construction Manager: Farsad, Nahid

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$9,401 |
| Construction: | \$9,856 |
| Utilities: | \$1,788 |
| Total: | \$21,045 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---|-------------------|--------------|
| Project Name: | DeveloperDefault/ Mount Vernon Walk Pond | Project #: | U00060 00823 |
| Fund Title: | County Construction | Fund #: | 303 |
| Magisterial District: | Mount Vernon | Tax Map #: | 110-2 |
| Address: | 3700, 3800, & 3900 Block of Colonial Ave. | | |

SCOPE

Regrade stormwater pond to planned capacity and related restoration items.

| | |
|--------------------------------------|--|
| Designed By: | Land Design Consultants, Inc. (consultant) |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN09303337 |
| Task Order Number: | 85 |
| Construction Completion Date: | 9/1/2008 |
| DPWES Project Manager: | Popoola, Larry |
| DPWES Construction Manager: | Conchar, Karen |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$1,235 |
| Construction: | \$9,135 |
| Utilities: | \$0 |
| Total: | \$10,370 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|-----------------------------------|-------------------|--------------|
| Project Name: | Developer Default/ Oakton Retreat | Project #: | U00060 00770 |
| Fund Title: | County Construction | Fund #: | 303 |
| Magisterial District: | Providence | Tax Map #: | 48-2 |
| Address: | 2600 Block of Sledding Hill Road | | |

SCOPE

Regrading stormwater pond to planned capacity, clearing & grubbing, and related restoration items.

| | |
|--------------------------------------|---|
| Designed By: | William H. Gordon Assoc., Inc. (consultant) |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN09303353 |
| Task Order Number: | 115 |
| Construction Completion Date: | 3/1/2009 |
| DPWES Project Manager: | Popoola, Larry |
| DPWES Construction Manager: | Conchar, Karen |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$490 |
| Design: | \$27,393 |
| Construction: | \$95,083 |
| Utilities: | \$0 |
| Total: | \$122,966 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|--------------------------------|-------------------|--------------|
| Project Name: | Developer Default/ Crown Ridge | Project #: | U00060 00866 |
| Fund Title: | County Construction | Fund #: | 303 |
| Magisterial District: | Springfield | Tax Map #: | 56-2 |
| Address: | 4035 Ridge Top Road | | |

SCOPE

Repair/replace portions of sidewalk, curb & gutter, asphalt patches, cleaning storm structures & piping, water line valve repairs/replacement, fire lane painting, and sign replacement.

| | |
|--------------------------------------|--|
| Designed By: | Patton, Harris, Rust & Assoc. (consultant) |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN09303352 |
| Task Order Number: | 113 |
| Construction Completion Date: | 3/24/2009 |
| DPWES Project Manager: | Popoola, Larry |
| DPWES Construction Manager: | Cutler, Tommy |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$128 |
| Design: | \$0 |
| Construction: | \$31,343 |
| Utilities: | \$0 |
| Total: | \$31,471 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---------------------|-------------------|--------|
| Project Name: | Forensics Facility | Project #: | 009438 |
| Fund Title: | County Construction | Fund #: | 303 |
| Magisterial District: | Springfield | Tax Map #: | 55-2 |
| Address: | 4890 Alliance Drive | | |

SCOPE

State-of-the-art, 33,000 SF, facility to house FCPD Crime Scene Section, Electronic Surveillance, NOVARIS.

| | |
|--------------------------------------|-------------------------------------|
| Designed By: | HOK (consultant) |
| Constructed By: | Manhattan Construction (contractor) |
| Contract Number: | CN06312187 |
| Task Order Number: | N/A |
| Construction Completion Date: | 7/30/2008 |
| DPWES Project Manager: | Malayeri, Hossein |
| DPWES Construction Manager: | Reed, Bob |
| DPWES Right-of-Way Agent: | Knutsson, Robert |
| DPWES Surveyor: | Harper, Greg |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$350 |
| Design: | \$207,881 |
| Construction: | \$11,290,326 |
| Utilities: | \$1,443 |
| Total: | \$11,500,000 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Developer Default/ Shade Tree Estates, Section 2
Fund Title: County Construction **Project #:** U00060 00764
Magisterial District: Sully **Fund #:** 303
Address: 12100 & 12101 Old Pine Way **Tax Map #:** 36-3

SCOPE

Repair/replacement of driveways & curb ramps, drainage improvements, asphalt paving, and related items.

Designed By: Popoola, Larry, Planning & Design Div., DPWES
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN08303323
Task Order Number: 66
Construction Completion Date: 12/22/2008
DPWES Project Manager: Popoola, Larry
DPWES Construction Manager: Conchar, Karen

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$93,168 |
| Utilities: | \$0 |
| Total: | \$93,168 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|--|-------------------|--------------|
| Project Name: | Developer Default/ Shade Tree Estates, Section 3 | Project #: | U00060 00775 |
| Fund Title: | County Construction | Fund #: | 303 |
| Magisterial District: | Sully | Tax Map #: | 36-3 |
| Address: | 12191, 12195, 12196, & 12198 Goldenchain Ct. | | |

SCOPE

Repair/replacement of driveways & curb ramps, drainage improvements, asphalt paving, and related items.

| | |
|--------------------------------------|---|
| Designed By: | Popoola, Larry, Planning & Design Div., DPWES |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN08303322 |
| Task Order Number: | 67 |
| Construction Completion Date: | 12/22/2008 |
| DPWES Project Manager: | Popoola, Larry |
| DPWES Construction Manager: | Conchar, Karen |

| Costs | Dollar Amount |
|---------------|----------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$8,085 |
| Utilities: | \$0 |
| Total: | \$8,085 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|-------------------------------|-------------------|--------|
| Project Name: | South Van Dorn Street Walkway | Project #: | 064272 |
| Fund Title: | Transportation Improvements | Fund #: | 304 |
| Magisterial District: | Lee | Tax Map #: | 091-2 |
| Address: | 6984 S. Van Dorn Street | | |

SCOPE

Construction of 2,800 LF of concrete sidewalk, handrails and related items along southbound South Van Dorn Street from Kings Centre Drive to Telegraph Road.

| | |
|--------------------------------------|--|
| Designed By: | Volkert & Associates, Inc. (consultant) |
| Constructed By: | Arthur Construction Company, Inc. (contractor) |
| Contract Number: | CN09304371 |
| Task Order Number: | N/A |
| Construction Completion Date: | 4/8/2009 |
| DPWES Project Manager: | El Kaissi, Mohamad |
| DPWES Construction Manager: | Minnix, W. Todd |

DPWES Surveyor: Housley, Gregg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$1,524 |
| Permits/Fees: | \$0 |
| Design: | \$121,976 |
| Construction: | \$186,566 |
| Utilities: | \$2,372 |
| Total: | \$312,438 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Mason District Capital Projects Columbia Pike: Govnmnt Ctr to Downing St
Fund Title: County Construction **Project #:** 4YP201 PB026
Magisterial District: Mason **Fund #:** 304
Address: 6507 to 4000 Columbia Pike **Tax Map #:** 061-3

SCOPE

Construction of approximately 480 feet of 5' concrete sidewalk along the south side of Columbia Pike from the Mason District Government Center to Downing Street, retaining wall, handrails, and other related items.

Designed By: Rinker Design Associates (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN07303289
Task Order Number: N/A
Construction Completion Date: 5/18/2009
DPWES Project Manager: Schmidt, Natasha
DPWES Construction Manager: Minnix, W. Todd
DPWES Right-of-Way Agent: Buckley, Beth
DPWES Surveyor: Harper, Greg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$5,657 |
| Permits/Fees: | \$125 |
| Design: | \$58,772 |
| Construction: | \$387,904 |
| Utilities: | \$6,810 |
| Total: | \$459,268 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|-----------------------------|-------------------|--------|
| Project Name: | Route 236/Beauregard Street | Project #: | 4YP013 |
| Fund Title: | Transportation Improvements | Fund #: | 304 |
| Magisterial District: | Mason | Tax Map #: | 72-4 |
| Address: | 6200 Little River Turnpike | | |

SCOPE

Construction of an additional left-turn lane from eastbound Little River Turnpike to northbound Beauregard St., replacement of the existing traffic signal, new pedestrian crossings, drainage improvements, sidewalk, & other related items.

| | |
|--------------------------------------|---------------------------------|
| Designed By: | Rinker Design Associates |
| Constructed By: | A&M Concrete Corp. (contractor) |
| Contract Number: | CN08304367 |
| Task Order Number: | N/A |
| Construction Completion Date: | 1/25/2009 |
| DPWES Project Manager: | Ayers, Robert |
| DPWES Construction Manager: | Gharavi, Mo |
| DPWES Right-of-Way Agent: | Zore, Tasneem |
| DPWES Surveyor: | Harper, Greg |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$464,394 |
| Permits/Fees: | \$0 |
| Design: | \$252,489 |
| Construction: | \$831,859 |
| Utilities: | \$313,251 |
| Total: | \$1,861,993 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---|-------------------|--------|
| Project Name: | Braddock Road/Route 236 | Project #: | 4YP014 |
| Fund Title: | Transportation Improvements | Fund #: | 304 |
| Magisterial District: | Mason | Tax Map #: | 072-1 |
| Address: | Intersection of Braddock Road/Route 236 | | |

SCOPE

This project is part of the Four-Year Transportation Program and included the realignment of eastbound lanes through the intersection. The work included installation of traffic signals, sidewalks, concrete median, pavement marking, & storm structures.

| | |
|--------------------------------------|--|
| Designed By: | Rinker Design Associates |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN07304354 |
| Task Order Number: | N/A |
| Construction Completion Date: | 9/30/2008 |
| DPWES Project Manager: | Roberson, Jeanmarie |
| DPWES Construction Manager: | Farsad, Nahid |
| DPWES Right-of-Way Agent: | Preston, Clinton |
| DPWES Surveyor: | Harper, Greg |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$228,154 |
| Permits/Fees: | \$0 |
| Design: | \$209,650 |
| Construction: | \$709,990 |
| Utilities: | \$207,926 |
| Total: | \$1,355,720 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Pedestrian Improvements - VDOT Funded Arlington Blvd/Patrick Henry Dr
Fund Title: Transportation Improvements **Project #:** 064267 PI001
Magisterial District: Mason **Fund #:** 304
Address: Arlington Blvd. and Patrick Henry Dr. **Tax Map #:** 51-3

SCOPE

Pedestrian safety improvements including curb ramps, concrete sidewalk, pavement marking, and pedestrian signalization.

Designed By: Hojatzadeh, Max, Planning & Design Div., DPWES
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09304372
Task Order Number: 102
Construction Completion Date: 12/19/2008
DPWES Project Manager: Hojatzadeh, Max
DPWES Construction Manager: Lim, Sam
DPWES Right-of-Way Agent: Zore, Tasneem
DPWES Surveyor: McEntire, Vickie

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$36,769 |
| Construction: | \$125,372 |
| Utilities: | \$0 |
| Total: | \$162,141 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---|-------------------|--------|
| Project Name: | Spot Improvements - Braddock Rd/Randolph Dr | Project #: | 4YP207 |
| Fund Title: | Transportation Improvements | Fund #: | 304 |
| Magisterial District: | Mason | Tax Map #: | 71-4 |
| Address: | Intersection of Braddock Rd at Randolph Dr | | |

SCOPE

This project is part of the Four-Year Transportation Program and included the extension of the existing left turn lane on eastbound Braddock Road to the entrance of Thomas Jefferson High School and related items.

| | |
|--------------------------------------|---|
| Designed By: | El Kaissi, Mohamad, Planning & Design Div., DPWES |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN09304377 |
| Task Order Number: | 13 |
| Construction Completion Date: | 6/30/2009 |
| DPWES Project Manager: | El Kaissi, Mohamad |
| DPWES Construction Manager: | Farsad, Nahid |

DPWES Surveyor: Housley, Gregg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$70,276 |
| Construction: | \$101,848 |
| Utilities: | \$0 |
| Total: | \$172,124 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | |
|-----------------------|---|-------------------------|
| Project Name: | Pedestrian Improvements - VDOT Funded Lee-Jackson Highway/Stringfellow Rd | |
| Fund Title: | Transportation Improvements | Project #: 064267 PI006 |
| Magisterial District: | Springfield | Fund #: 304 |
| Address: | 4000 Stringfellow Road | Tax Map #: 045-1 |

SCOPE

Pedestrian safety improvements including curb ramps, concrete sidewalk, pavement marking, and pedestrian signalization.

| | |
|-------------------------------|--|
| Designed By: | Hojatzadeh, Max, Planning & Design Division, DPWES |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN08304360 |
| Task Order Number: | 52 |
| Construction Completion Date: | 8/4/2008 |
| DPWES Project Manager: | Hojatzadeh, Max |
| DPWES Construction Manager: | Lim, Sam |

| Costs | Dollar Amount |
|---------------|------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$36,805 |
| Construction: | \$113,459 |
| Utilities: | \$0 |
| Total: | \$150,264 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | |
|------------------------------|-----------------------------|--------------------------|
| Project Name: | Braddock Rd/Rte 123 EB RTL | |
| Fund Title: | Transportation Improvements | Project #: 064275 |
| Magisterial District: | Springfield | Fund #: 304 |
| Address: | Braddock Rd at Rt. 123 EB | Tax Map #: 068-1 |

SCOPE

This project provided a 450 LF extension of the existing right-turn lane from eastbound Braddock Road to Route 123.

| | |
|--------------------------------------|--|
| Designed By: | Rinker Design Associates (consultant) |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN09304376 |
| Task Order Number: | 120 |
| Construction Completion Date: | 6/8/2009 |
| DPWES Project Manager: | Roberson , Jeanmarie |
| DPWES Construction Manager: | Farsad, Nahid |
| DPWES Right-of-Way Agent: | Preston, Clinton |
| DPWES Surveyor: | Harper, Greg |

| Costs | Dollar Amount |
|---------------|------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$76,547 |
| Construction: | \$209,651 |
| Utilities: | \$5,910 |
| Total: | \$292,108 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Pedestrian Improvements - VDOT Funded Lee-Jackson Highway/Majestic Lane
Fund Title: Transportation Improvements **Project #:** 064267 PI008
Magisterial District: Springfield **Fund #:** 304
Address: Intersection of Lee-Jackson Hwy and Majestic Ln **Tax Map #:** 045-2

SCOPE

Pedestrian safety improvements including curb ramps, concrete sidewalk, pavement marking, and pedestrian signalization.

Designed By: Hojatzadeh, Max, Planning & Design Division, DPWES
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN08304361
Task Order Number: 53
Construction Completion Date: 8/4/2008
DPWES Project Manager: Hojatzadeh, Max
DPWES Construction Manager: Lim, Sam

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$37,477 |
| Construction: | \$91,991 |
| Utilities: | \$0 |
| Total: | \$129,468 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Pedestrian Improvements - VDOT Funded Lee Highway/Monument Drive
Fund Title: Transportation Improvements **Project #:** 064267 PI012
Magisterial District: Springfield **Fund #:** 304
Address: Monument Dr. and Lee Highway **Tax Map #:** 56-2

SCOPE

Pedestrian safety improvements including curb ramps, concrete sidewalk, pavement marking, and pedestrian signalization.

Designed By: Hojatzadeh, Max, Planning & Design Div., DPWES
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09304373
Task Order Number: 104
Construction Completion Date: 2/23/2009
DPWES Project Manager: Hojatzadeh, Max
DPWES Construction Manager: Lim, Sam

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$33,642 |
| Construction: | \$74,824 |
| Utilities: | \$0 |
| Total: | \$108,466 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Pedestrian Improvements - VDOT Funded Fairfax County Parkway/Old Keene Mill
Fund Title: Transportation Improvements **Project #:** 064267 PI023
Magisterial District: Springfield **Fund #:** 304
Address: Fairfax Co. Pkwy at Old Keene Mill Road **Tax Map #:** 088-1

SCOPE

Pedestrian safety improvements including curb ramps, asphalt walkway, pavement marking, and pedestrian signalization.

Designed By: Hojatzadeh, Max, Planning & Design Div., DPWES
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09304375
Task Order Number: 105
Construction Completion Date: 2/20/2009
DPWES Project Manager: Hojatzadeh, Max
DPWES Construction Manager: Lim, Sam

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$43,944 |
| Construction: | \$67,788 |
| Utilities: | \$3,684 |
| Total: | \$115,416 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Pedestrian Improvements - VDOT Funded Centreville Road/Compton Road
Fund Title: Transportation Improvements **Project #:** 064267 PI015
Magisterial District: Sully **Fund #:** 304
Address: Centreville Road and Compton Road **Tax Map #:** 65-3

SCOPE

Pedestrian safety improvements including curb ramps, concrete sidewalk, pavement marking, and pedestrian signalization.

Designed By: Hojatzadeh, Max, Planning & Design Div., DPWES
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN09304374
Task Order Number: 103
Construction Completion Date: 1/12/2009
DPWES Project Manager: Hojatzadeh, Max
DPWES Construction Manager: Lim, Sam

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$47,211 |
| Construction: | \$125,738 |
| Utilities: | \$0 |
| Total: | \$172,949 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Pedestrian Improvements - VDOT Funded Centreville Road/Green Trails Blvd.
Fund Title: Transportation Improvements **Project #:** 064267 PI016
Magisterial District: Sully **Fund #:** 304
Address: Centreville Rd and Green Trails Blvd **Tax Map #:** 065-3

SCOPE

Pedestrian safety improvements including curb ramps, sidewalk, pavement marking, and pedestrian signalization.

Designed By: Hojatzadeh, Max, Planning & Design Div., DPWES
Constructed By: Asburn Contracting Corporation (contractor)
Contract Number: CN08304363
Task Order Number: 55
Construction Completion Date: 8/4/2008
DPWES Project Manager: Hojatzadeh, Max
DPWES Construction Manager: Lim, Sam

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$47,368 |
| Construction: | \$97,750 |
| Utilities: | \$0 |
| Total: | \$145,118 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---|-------------------|--------|
| Project Name: | Clermont Subdivision Trail Project, Phase I | Project #: | X00407 |
| Fund Title: | Sidewalk Construction | Fund #: | 307 |
| Magisterial District: | Lee | Tax Map #: | 082-1 |
| Address: | 5623 Clermont Drive | | |

SCOPE

Construction of approximately 1,700 LF of asphalt trail and 4 curb ramps.

| | |
|--------------------------------------|--|
| Designed By: | Huang, Ta-En, Maintenance and Stormwater Management Div. |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN08004307 |
| Task Order Number: | 78 |
| Construction Completion Date: | 7/30/2008 |
| DPWES Project Manager: | Huang, Ta-En |
| DPWES Construction Manager: | Rayyan, Yousef |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$44,950 |
| Utilities: | \$0 |
| Total: | \$44,950 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | |
|------------------------------|--------------------------|--------------------------|
| Project Name: | Girls Probation House | |
| Fund Title: | County Bond Construction | Project #: 04A001 |
| Magisterial District: | Springfield | Fund #: 311 |
| Address: | 12720 Lee Highway | Tax Map #: 055-4 |

SCOPE

This building is approximately 11,500 SF and includes offices, classrooms, meeting/multipurpose rooms, & recreation and housing facilities for a maximum of 12 residents. The project included approximately 34 parking spaces & outdoor recreation.

| | |
|--------------------------------------|--|
| Designed By: | Cole & Denny, Inc. (consultant) |
| Constructed By: | Falls Church Construction Corp. (contractor) |
| Contract Number: | CN06311001 |
| Task Order Number: | N/A |
| Construction Completion Date: | 10/23/2008 |
| DPWES Project Manager: | Ogurcak, Toni |
| DPWES Construction Manager: | Foelsch, Rick |
| DPWES Right-of-Way Agent: | Buckley, Beth |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$14,570 |
| Permits/Fees: | \$61,259 |
| Design: | \$1,077,922 |
| Construction: | \$3,519,832 |
| Utilities: | \$54,513 |
| Total: | \$4,728,096 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|------------------------------|-------------------|--------|
| Project Name: | West Ox Bus Operation Center | Project #: | 88A002 |
| Fund Title: | County Bond Construction | Fund #: | 311 |
| Magisterial District: | Springfield | Tax Map #: | 55-2 |
| Address: | 4950/4960 Alliance Drive | | |

SCOPE

This facility is approximately 85,000 SF and consists of three major buildings: Admin/Operations, Maintenance Bldg. & Service/Fuel & Wash. The facility is shared by the Fairfax County Dept. of Transportation Connector and WMATA Metrobus operations.

| | |
|--------------------------------------|-----------------------------------|
| Designed By: | Baker and Associates (consultant) |
| Constructed By: | Dustin Construction (contractor) |
| Contract Number: | CN05311063 |
| Task Order Number: | N/A |
| Construction Completion Date: | 10/15/2008 |
| DPWES Project Manager: | Lepe, Teresa |
| DPWES Construction Manager: | Houde, Hank |
| DPWES Right-of-Way Agent: | Knutsson, Robert |
| DPWES Surveyor: | Harper, Greg |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$7,512,634 |
| Permits/Fees: | \$149,070 |
| Design: | \$2,703,328 |
| Construction: | \$37,447,284 |
| Utilities: | \$545,266 |
| Total: | \$48,357,582 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: West Ox Road Complex - VDOT West Parcel Maintenance Facility
Fund Title: Public Safety Construction **Project #:** 009211 VDOT
Magisterial District: Springfield **Fund #:** 312
Address: 12700 Alliance Court **Tax Map #:** 55-2

SCOPE

This project was funded by, and built for VDOT and consisted of administration & vehicle maintenance buildings, salt domes with conveyor system, & equipment structures for housing tailgate racks & spreader equipment.

Designed By: Gauthier, Alvarado & Associates (consultant)
Constructed By: Falls Church Construction Corp. (contractor)
Contract Number: CN07312190
Task Order Number: N/A
Construction Completion Date: 2/27/2009
DPWES Project Manager: Reed, Bob/Roberts. Frank
DPWES Construction Manager: Fegan, Mike/Loomba, Krishna

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$56,326 |
| Design: | \$909,337 |
| Construction: | \$8,575,890 |
| Utilities: | \$28,320 |
| Total: | \$9,569,873 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: McConnell Public Safety & Transportation Operations Center
Fund Title: Public Safety Construction **Project #:** 009211
Magisterial District: Springfield **Fund #:** 312
Address: 4890 Alliance Drive **Tax Map #:** 55-2

SCOPE

State-of-the-art 114,000 SF facility to house Dept. of Public Safety Communications, Office of Emergency Management, Emergency Operations Center, Virginia State Police Div. 7 dispatchers, & VDOT Traffic Management Center.

Designed By: HOK (consultant)
Constructed By: Manhattan Construction (contractor)
Contract Number: CN06312187
Task Order Number: N/A
Construction Completion Date: 7/30/2008
DPWES Project Manager: Malayeri, Hossein
DPWES Construction Manager: Reed, Bob
DPWES Right-of-Way Agent: Knutsson, Robert
DPWES Surveyor: Harper, Greg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$5,766,000 |
| Permits/Fees: | \$304,700 |
| Design: | \$7,702,000 |
| Construction: | \$80,466,330 |
| Utilities: | \$1,283,100 |
| Total: | \$95,522,130 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Commercial Revitalization Prog./ McLean Streetscape Demonstration Project Ph. II
Fund Title: Commercial Revitalization Program **Project #:** 008912 00001
Magisterial District: Dranesville **Fund #:** 315
Address: Chain Bridge Road from Westmoreland to Cedar **Tax Map #:** 30-2

SCOPE

Installation of 900 LF of paver sidewalk, raised median, drainage improvements, striping, landscaping, and other related items.

Designed By: Lewis Scully Gionet (consultant)
Constructed By: Tessa Construction & Tech Co., LLC (contractor)
Contract Number: CN07315040
Task Order Number: N/A
Construction Completion Date: 11/12/2008
DPWES Project Manager: Roberson, Jeanmarie
DPWES Construction Manager: Farsad, Nahid
DPWES Right-of-Way Agent: Barnes, Dianne
DPWES Surveyor: Harper, Greg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$29,957 |
| Permits/Fees: | \$0 |
| Design: | \$95,950 |
| Construction: | \$531,230 |
| Utilities: | \$3,398 |
| Total: | \$660,535 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Emergency Watershed Projects/ Tapestry Drive (4602)
Fund Title: Stormwater Management **Project #:** FX8000 PC007
Magisterial District: Braddock **Fund #:** 318
Address: 4602 Tapestry Drive **Tax Map #:** 068-2

SCOPE

An overland relief swale was constructed to direct surface flow away from the house to minimize the house flooding potential. A yard inlet was improved by adding a second throat opening increasing flow into the underground storm drain system.

Designed By: GKY & Associates (consultant)
Constructed By: Maintenance and Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 8/15/2008
DPWES Project Manager: Schell, Bill
DPWES Construction Manager: Murray, Jonathan

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$2,400 |
| Construction: | \$13,654 |
| Utilities: | \$0 |
| Total: | \$16,054 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---|-------------------|--------------|
| Project Name: | Dam Safety Projects Dam Site 4 (Lake Royal) | Project #: | FX4000 PC010 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Braddock | Tax Map #: | 078-1 |
| Address: | At the end of Starboard Drive - cul-de-sac | | |

SCOPE

This project entailed a widening, realignment, and armoring of an existing earthen auxiliary spillway and raising the height of the training dikes.

| | |
|--------------------------------------|--|
| Designed By: | A. Morton Thomas & Associates (consultant) |
| Constructed By: | Angler Environmental (contractor) |
| Contract Number: | CN08318083 |
| Task Order Number: | N/A |
| Construction Completion Date: | 4/11/2009 |
| DPWES Project Manager: | Kumar, Dipmani |
| DPWES Construction Manager: | McCorkle, Lisa |
| DPWES Right-of-Way Agent: | Coleman, Michael |
| DPWES Surveyor: | Strecker, Matthias |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$18,709 |
| Permits/Fees: | \$38,057 |
| Design: | \$466,733 |
| Construction: | \$1,694,364 |
| Utilities: | \$273,386 |
| Total: | \$2,491,249 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Accotink Creek Watershed Projects/ Duncan Drive Construction
Fund Title: Stormwater Management **Project #:** AC8000 AC008
Magisterial District: Braddock **Fund #:** 318
Address: 4318 Duncan Drive **Tax Map #:** 070-1

SCOPE

Provide overland relief and structural improvements for residential flood mitigation.

Designed By: Bowman Consulting Group (consultant)
Constructed By: Environmental Quality Resource, Inc. (contractor)
Contract Number: CN08318124
Task Order Number: 5
Construction Completion Date: 6/5/2009
DPWES Project Manager: Rhame, Donna
DPWES Construction Manager: Rayyan, Yousef

DPWES Surveyor: Simpson, David

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$28,206 |
| Construction: | \$20,596 |
| Utilities: | \$3,210 |
| Total: | \$52,012 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Major Storm Drainage Maintenance/ McFarland/Nash
Fund Title: Stormwater Management **Project #:** FX6000 FX005
Magisterial District: Braddock **Fund #:** 318
Address: 4911 & 4930 McFarland Drive **Tax Map #:** 069-3

SCOPE

Two yard inlets were modified to increase inflow capacity. A berm was also constructed to direct surface water into the yard inlet minimizing house flooding potential.

Designed By: Tucker, Valerie, Maintenance & Stormwater Management Div.
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 7/31/2008
DPWES Project Manager: Tucker, Valerie
DPWES Construction Manager: Weaver, John

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$4,198 |
| Utilities: | \$0 |
| Total: | \$4,198 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Major Storm Drainage Maintenance/ Wye Oak Commons Ci (12224)
Fund Title: Stormwater Management Program **Project #:** FX6000 FX005
Magisterial District: Braddock **Fund #:** 318
Address: 12224 Wye Oak Commons Ci **Tax Map #:** 077-2

SCOPE

Project included lowering and replacing an existing one-throated yard inlet with a two-throated yard inlet to capture more surface drainage minimizing house flooding potential.

Designed By: Tucker, Valerie, Maintenance & Stormwater Management Div.
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 2/1/2009
DPWES Project Manager: Tucker, Valerie
DPWES Construction Manager: Weaver, John

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$10,678 |
| Utilities: | \$0 |
| Total: | \$10,678 |



CAPITAL PROJECTS COMPLETED - FY 2009

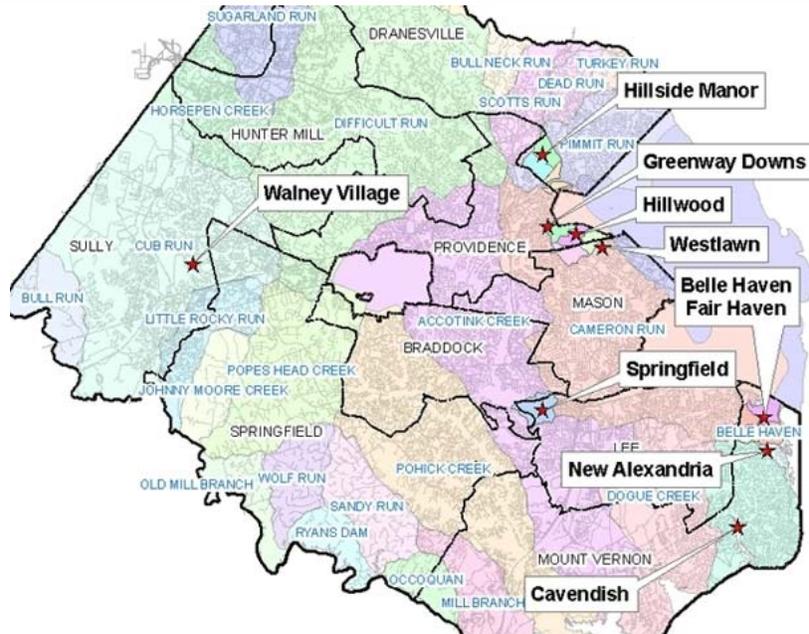
| | |
|---|---------------------------|
| Project Name: Storm Sewer Pipe Rehabilitation and Lining | Project #: FX6000- |
| Fund Title: Stormwater Management | Fund #: 318 |
| Magisterial District: Countywide | Tax Map #: |
| Address: Countywide | |

SCOPE

Approximately 12,160 linear feet of the County's stormwater conveyance system was rehabilitated or lined. Liners were installed in deteriorated storm pipe and pipe joints were repaired and sealed.

| | |
|--------------------------------------|--|
| Designed By: | Malcolm Pirnie (consultant) |
| Constructed By: | Video Pipe Services & E.E. Lyons (contractors) |
| Contract Number: | CN082903/CN0629002 |
| Task Order Number: | 9,10,11,13,14,15,17,18,19 |
| Construction Completion Date: | 6/30/2009 |
| DPWES Project Manager: | Schell, Bill & Tucker, Valerie |
| DPWES Construction Manager: | Cameron, Tom & Kerns, Bobby |

| Costs | Dollar Amount |
|---------------|------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$45,000 |
| Construction: | \$655,143 |
| Utilities: | \$0 |
| Total: | \$700,143 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---|-------------------|--------------|
| Project Name: | Dam Safety Projects/ Flood Response, Monitoring, and Signalization System | Project #: | FX4000 FX001 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Countywide | Tax Map #: | Countywide |
| Address: | Countywide | | |

SCOPE

This project included the installation of automated water level gauges at 9 locations throughout the County including 7 high hazard dams, Huntington, & New Alexandria. The gauge readings improve flood potential forecasting & emerging response activity.

| | |
|--------------------------------------|--------------------------|
| Designed By: | Hagemeyer (consultant) |
| Constructed By: | High Sierra (contractor) |
| Contract Number: | N/A |
| Task Order Number: | N/A |
| Construction Completion Date: | 9/1/2008 |
| DPWES Project Manager: | Lacquement, Don |
| DPWES Construction Manager: | Lacquement, Don |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$19,200 |
| Construction: | \$140,800 |
| Utilities: | \$0 |
| Total: | \$160,000 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---|-------------------|--------------|
| Project Name: | Pimmit Run Watershed Projects/ Woodacre Drive | Project #: | PM8000 PM003 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Dranesville | Tax Map #: | 031-2 |
| Address: | 1447 Woodacre Drive | | |

SCOPE

Flood mitigation of 1447 Woodacre Drive by acquiring the property, demolishing the house and raising the grades for future building pad to a 100-year elevation.

| | |
|--------------------------------------|---|
| Designed By: | Syed, Shahid, Stormwater Planning Division, DPWES |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN09318126 |
| Task Order Number: | 106 |
| Construction Completion Date: | 1/16/2009 |
| DPWES Project Manager: | Pokharel, Sajan |
| DPWES Construction Manager: | Qureshi, Mannan |
| DPWES Right-of-Way Agent: | Knutsson, Robert |
| DPWES Surveyor: | Simpson, David |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$890,619 |
| Permits/Fees: | \$0 |
| Design: | \$27,678 |
| Construction: | \$49,140 |
| Utilities: | \$0 |
| Total: | \$967,437 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Infrastructure Replacement Program/ Atwood Road
Fund Title: Stormwater Management **Project #:** FX6000 FX007
Magisterial District: Dranesville **Fund #:** 318
Address: 9501 Atwood Road **Tax Map #:** 019-3

SCOPE

Replaced 180 feet of blocked dilapidated storm sewer pipe and added a drop structure to avoid repeated structure blockages.

Designed By: Tucker, Valerie, Maintenance & Stormwater Management Div.
Constructed By: E.E. Lyons (contractor)
Contract Number: CN09318144
Task Order Number: 7
Construction Completion Date: 5/31/2009
DPWES Project Manager: Tucker, Valerie
DPWES Construction Manager: Cameron, Tom

DPWES Surveyor: Harper, Greg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$49,694 |
| Utilities: | \$0 |
| Total: | \$49,694 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Infrastructure Replacement Program/ Laughlin Ave.
Fund Title: Stormwater Management **Project #:** FX6000 FX007
Magisterial District: Dranesville **Fund #:** 318
Address: 1514 Laughlin Avenue **Tax Map #:** 030-4

SCOPE

Inadequate storm drainage pipes were removed and replaced with pipes which were larger in size. The additional capacity will help to minimize house and yard flooding.

Designed By: Schell, Bill, Maintenance & Stormwater Management Div.
Constructed By: E.E. Lyons (contractor)
Contract Number: CN09318161
Task Order Number: 15
Construction Completion Date: 5/26/2009
DPWES Project Manager: Schell, Bill
DPWES Construction Manager: Cameron, Tom

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$18,164 |
| Utilities: | \$0 |
| Total: | \$18,164 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---|-------------------|--------------|
| Project Name: | Emergency Watershed Projects/ Scotts Run Road | Project #: | FX8000 SC001 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Dranesville | Tax Map #: | 030-1 |
| Address: | 1310 Scotts Run Rd | | |

SCOPE

Approximately 200 feet of channel was dredged to get positive flow from a storm sewer system to the receiving stream. This project was constructed to minimize house and road flooding.

| | |
|--------------------------------------|-------------------------------|
| Designed By: | GKY & Associates (consultant) |
| Constructed By: | Apex (contractor) |
| Contract Number: | N/A |
| Task Order Number: | 30 |
| Construction Completion Date: | 8/31/2008 |
| DPWES Project Manager: | Schell, Bill |
| DPWES Construction Manager: | Kolony, Drew |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$2,400 |
| Construction: | \$27,773 |
| Utilities: | \$0 |
| Total: | \$30,173 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Emergency Watershed Projects/ Westhills Lane (1324-1326)
Fund Title: Stormwater Management **Project #:** FX8000 DF008
Magisterial District: Hunter Mill **Fund #:** 318
Address: 1324 Westhills Lane **Tax Map #:** 012-3

SCOPE

An 80 foot overland relief swale was constructed to direct surface water through the side yard to the street to minimize the risk of house flooding.

Designed By: Tucker, Valerie, Maintenance & Stormwater Management Div.
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 10/21/2008
DPWES Project Manager: Tucker, Valerie
DPWES Construction Manager: Murray, Jonathan

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$2,345 |
| Utilities: | \$0 |
| Total: | \$2,345 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Facility Major Maintenance/ Centreville/Old Centreville
Fund Title: Stormwater Management **Project #:** FX5000 FX006
Magisterial District: Hunter Mill **Fund #:** 318
Address: Centreville Road/Old Centreville Road **Tax Map #:** 025-1

SCOPE

The project included sediment removal from the low flow control and ditches in order to improve pond performance. Wetland plant growth will further enhance water quality.

Designed By: Snyder, Dave, Maintenance & Stormwater Management Div.
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 7/10/2008
DPWES Project Manager: Markey, Richard
DPWES Construction Manager: Snyder, Dave

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$14,526 |
| Utilities: | \$0 |
| Total: | \$14,526 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Major Storm Drainage Maintenance/ Colts Neck Road
Fund Title: Stormwater Management **Project #:** FX6000 FX005
Magisterial District: Hunter Mill **Fund #:** 318
Address: Glade Drive/Colts Neck Road **Tax Map #:** 026-1

SCOPE

The outfall drop structure was modified and a trash rack was installed to address safety issues.

Designed By: Schell, Bill, Maintenance & Stormwater Management Div.
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 3/31/2009
DPWES Project Manager: Schell, Bill
DPWES Construction Manager: Pope, Billy

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$10,885 |
| Utilities: | \$0 |
| Total: | \$10,885 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---|-------------------|--------------|
| Project Name: | Dam Safety Projects/ Crestleigh PD1, 0765DP | Project #: | FX4000 LH001 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Lee | Tax Map #: | 091-3 |
| Address: | 7500 Block Beulah Street | | |

SCOPE

The improvements included stabilizing the pond walls with gabion baskets and rip rap; increasing the pond volume; improving the outflow through the top of riser trash rack; and removal of trees from the embankment and restoration.

| | |
|--------------------------------------|---|
| Designed By: | Wilbur Smith & Associates (consultant) |
| Constructed By: | Environmental Quality Resources, LLC (contractor) |
| Contract Number: | CN09318129 |
| Task Order Number: | 3 |
| Construction Completion Date: | 5/7/2009 |
| DPWES Project Manager: | Qamar, Tabassum |
| DPWES Construction Manager: | Stewart, Heather |
| DPWES Right-of-Way Agent: | Kresge, Carol |
| DPWES Surveyor: | Housley, Gregg |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$4,084 |
| Permits/Fees: | \$0 |
| Design: | \$49,715 |
| Construction: | \$79,304 |
| Utilities: | \$1,838 |
| Total: | \$134,941 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Cameron Run Watershed Projects/ Cabin John Road
Fund Title: Stormwater Management **Project #:** CA8000 CA032
Magisterial District: Lee **Fund #:** 318
Address: 6915 Cabin John Road **Tax Map #:** 080-2

SCOPE

Provide overland relief and structural improvements for residential flood mitigation.

Designed By: Bowman Consulting Group (consultant)
Constructed By: Environmental Quality Resources, LLC (contractor)
Contract Number: CN08318085
Task Order Number: 4
Construction Completion Date: 6/1/2009
DPWES Project Manager: Rhame, Donna
DPWES Construction Manager: Rayyan, Yousef

DPWES Surveyor: Simpson, David

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$35,655 |
| Construction: | \$37,153 |
| Utilities: | \$4,120 |
| Total: | \$76,928 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Kingstowne Monitoring Telegraph Road (7137 Demolition)
Fund Title: Stormwater Management **Project #:** DC8000 DC008
Magisterial District: Lee **Fund #:** 318
Address: 7137 Telegraph Road **Tax Map #:** 091-4

SCOPE

Demolished blighted structure and re-vegetated the Resource Protection Area on newly acquired Board of Supervisors' property.

Designed By: Bawcombe, Nathaniel & Rhame, Donna, SWPD, DPWES
Constructed By: Cephaz Contracting Inc. (contractor)
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 12/12/2008
DPWES Project Manager: Rhame, Donna
DPWES Construction Manager: Rhame, Donna

DPWES Surveyor: Perry, Michael

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$344 |
| Design: | \$574 |
| Construction: | \$32,696 |
| Utilities: | \$0 |
| Total: | \$33,614 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---|-------------------|--------------|
| Project Name: | Infrastructure Replacement Program/ Pikes Branch Infrastructure Replacement | Project #: | FX6000 CA010 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Lee | Tax Map #: | 082-4 |
| Address: | Telegraph Rd/Florence Lane | | |

SCOPE

Repair and replacement of the existing timber retaining wall and stabilization of 300 LF of stream bed; due to severe erosion along the Pikes Branch and undermining of the existing timber walls.

| | |
|--------------------------------------|--|
| Designed By: | Malcolm Pirnie (consultant) |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN08318121 |
| Task Order Number: | 73 |
| Construction Completion Date: | 10/8/2008 |
| DPWES Project Manager: | Schell, Bill |
| DPWES Construction Manager: | McCorkle, Lisa |
| DPWES Right-of-Way Agent: | Ratliff, James |
| DPWES Surveyor: | Harper, Greg |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$85,383 |
| Construction: | \$400,000 |
| Utilities: | \$0 |
| Total: | \$485,383 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Cameron Run Watershed Projects/ Thornwood Drive (6208)
Fund Title: Stormwater Management **Project #:** CA8000 CA028
Magisterial District: Lee **Fund #:** 318
Address: 6208 Thornwood Drive **Tax Map #:** 082-3

SCOPE

Installation of drainage structures, pipes, grading for positive drainage, driveway replacement, and site restoration.

Designed By: Bowman Consulting Group (consultant)
Constructed By: Ashburn Contracting, Inc. (contractor)
Contract Number: CN08318013
Task Order Number: 86
Construction Completion Date: 1/14/2009
DPWES Project Manager: Rhame, Donna
DPWES Construction Manager: Gharavi, Mo

DPWES Surveyor: Harper, Greg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$3,891 |
| Permits/Fees: | \$0 |
| Design: | \$56,048 |
| Construction: | \$58,160 |
| Utilities: | \$3,083 |
| Total: | \$121,182 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Little Hunting Creek Watershed Projects Seven Woods Dr Outfall Improvement
Fund Title: Stormwater Management **Project #:** LH8000 LH021
Magisterial District: Lee **Fund #:** 318
Address: 7950 Seven Woods Drive **Tax Map #:** 101-2

SCOPE

Improvement of an existing stormwater outfall, outfall channel, Resource Protection Area, water quality through the installation of energy dissipation structures, channel restoration, and native vegetation.

Designed By: Pistore, Justin, Stormwater Planning Division, DPWES
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 10/7/2008
DPWES Project Manager: Pistore, Justin
DPWES Construction Manager: Murray, Jonathan

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$3,245 |
| Utilities: | \$1,067 |
| Total: | \$4,312 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Cameron Run Watershed Projects/ Pinecrest Golf Course
Fund Title: Stormwater Management **Project #:** CA8000 CA009
Magisterial District: Mason **Fund #:** 318
Address: 6600 Little River Turnpike **Tax Map #:** 072-1

SCOPE

Construction of two bio-retention facilities. The new facilities will filter a portion of the runoff from the parking lot of the golf course and area adjacent to Little River Turnpike.

Designed By: Bowman Consulting Group (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN08318080
Task Order Number: 116
Construction Completion Date: 2/23/2009
DPWES Project Manager: Chang, Martin
DPWES Construction Manager: Rayyan, Yousef
DPWES Right-of-Way Agent: Preston, Clinton
DPWES Surveyor: McEntire, Vickie

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$6,093 |
| Permits/Fees: | \$0 |
| Design: | \$62,788 |
| Construction: | \$99,225 |
| Utilities: | \$1,528 |
| Total: | \$169,634 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Cameron Run Watershed Projects/ Valley Lane (3143) Construction
Fund Title: Stormwater Management **Project #:** CA8000 CA024
Magisterial District: Mason **Fund #:** 318
Address: 3143 Valley Lane **Tax Map #:** 061-1

SCOPE

Provide residential flood mitigation with structural improvements.

Designed By: Bowman Consulting Group (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN07318034
Task Order Number: 118
Construction Completion Date: 2/20/2009
DPWES Project Manager: Rhame, Donna
DPWES Construction Manager: Rayyan, Yousef
DPWES Right-of-Way Agent: Barnes, Dianne
DPWES Surveyor: Simpson, David

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$314 |
| Permits/Fees: | \$0 |
| Design: | \$46,871 |
| Construction: | \$48,123 |
| Utilities: | \$4,425 |
| Total: | \$99,733 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|--|-------------------|--------------|
| Project Name: | Cameron Run Watershed Projects Center Lane | Project #: | CA8000 CA004 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Mason | Tax Map #: | 061-4 |
| Address: | 5713 Center Lane | | |

SCOPE

Project included construction of bioretention facility, site grading, and reduction of impervious area to improve stormwater runoff and provide water quality.

| | |
|--------------------------------------|--|
| Designed By: | DPWES and Northern Virginia Soil & Water Conservation District |
| Constructed By: | Maintenance & Stormwater Management Div., DPWES |
| Contract Number: | N/A |
| Task Order Number: | N/A |
| Construction Completion Date: | 5/21/2009 |
| DPWES Project Manager: | Meyers, Matt |
| DPWES Construction Manager: | Murray, Jonathan |
| DPWES Right-of-Way Agent: | Buckley, Beth |
| DPWES Surveyor: | Jensen, Chris |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$9,658 |
| Permits/Fees: | \$0 |
| Design: | \$24,607 |
| Construction: | \$41,284 |
| Utilities: | \$1,873 |
| Total: | \$77,422 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | |
|--|--------------------------------|
| Project Name: Dam Safety Projects/ Fairfax Co Fire Station 26 | Project #: FX4000 CA003 |
| Fund Title: Stormwater Management | Fund #: 318 |
| Magisterial District: Mason | Tax Map #: 080-2 |
| Address: 5316 Carolina Place | |

SCOPE

Provide a 510 square-foot bioretention filter retrofit to replace an infiltration trench. The filter will provide water quality treatment for a portion of the Fire Station #26 facility.

| | |
|--------------------------------------|--|
| Designed By: | Wilbur Smith & Associates (consultant) |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN08318125 |
| Task Order Number: | 77 |
| Construction Completion Date: | 8/25/2008 |
| DPWES Project Manager: | Kumar, Dipmani |
| DPWES Construction Manager: | Rayyan, Yousef |
| DPWES Right-of-Way Agent: | Coleman, Michael |
| DPWES Surveyor: | Harper, Greg |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$4,857 |
| Permits/Fees: | \$0 |
| Design: | \$37,654 |
| Construction: | \$32,806 |
| Utilities: | \$3,312 |
| Total: | \$78,629 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Storm Drainage Improvements & Innovation/ Dearborn Dr Storm Drainage Project
Fund Title: Stormwater Management **Project #:** FX1000 CA002
Magisterial District: Mason **Fund #:** 318
Address: 6611 Dearborn Drive **Tax Map #:** 060-4

SCOPE

Work included restoring the species in Resource Protection Area by removing the invasive plants and replanting with native vegetation.

Designed By: Michael Baker Jr., Inc. (consultant)
Constructed By: Environmental Quality Resources, LLC (contractor)
Contract Number: CN08318115
Task Order Number: 7
Construction Completion Date: 5/22/2009
DPWES Project Manager: Chang, Martin
DPWES Construction Manager: Qureshi, Mannan
DPWES Right-of-Way Agent: Finnell, Richard
DPWES Surveyor: Harper, Greg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$32,724 |
| Construction: | \$163,885 |
| Utilities: | \$0 |
| Total: | \$196,609 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Emergency Watershed Projects/ Woodland Road (4005) Phase I
Fund Title: Stormwater Management **Project #:** FX8000 AC009
Magisterial District: Mason **Fund #:** 318
Address: 4005 Woodland Road **Tax Map #:** 060-3

SCOPE

The drainage channel was resized and realigned to convey the 100-yr storm away from the dwelling. This project was constructed to minimize house flooding potential.

Designed By: Tucker, Valerie, Maintenance & Stormwater Management Div.
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 12/10/2008
DPWES Project Manager: Tucker, Valerie
DPWES Construction Manager: Murray, Jonathan

DPWES Surveyor: McEntire, Vickie

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$18,085 |
| Utilities: | \$2,352 |
| Total: | \$20,437 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|--|-------------------|--------------|
| Project Name: | Infrastructure Replacement Program/ Wayne Road | Project #: | FX6000 FX007 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Mason | Tax Map #: | 050-4 |
| Address: | 3034 Wayne Road | | |

SCOPE

136 feet of deteriorated corrugated metal pipe was replaced with a 42" diameter reinforced concrete pipe and associated drainage structures were installed and replaced.

| | |
|--------------------------------------|---|
| Designed By: | Tucker, Valerie, Maintenance & Stormwater Management Div. |
| Constructed By: | E.E. Lyons (contractor) |
| Contract Number: | CN09318131 |
| Task Order Number: | 2 |
| Construction Completion Date: | 8/15/2008 |
| DPWES Project Manager: | Tucker, Valerie |
| DPWES Construction Manager: | Cameron, Tom |

| Costs | Dollar Amount |
|---------------|-----------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$83,137 |
| Utilities: | \$0 |
| Total: | \$83,137 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Cameron Run Watershed Projects/ Kendale Road Construction
Fund Title: Stormwater Management **Project #:** CA8000 CA030
Magisterial District: Mason **Fund #:** 318
Address: 3816 Kendale Road **Tax Map #:** 060-3

SCOPE

Provide overland relief and structural improvements for residential flood mitigation.

Designed By: Bowman Consulting Group (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN08318104
Task Order Number: 112
Construction Completion Date: 4/16/2009
DPWES Project Manager: Rhame, Donna
DPWES Construction Manager: Gharavi, Mo

DPWES Surveyor: Harper, Greg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$40,539 |
| Construction: | \$53,601 |
| Utilities: | \$2,966 |
| Total: | \$97,106 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Little Hunting Creek Watershed Projects/ Walt Whitman School Retrofit
Fund Title: Stormwater Management **Project #:** LH8000 LH006
Magisterial District: Mount Vernon **Fund #:** 318
Address: 2500 Parker's Lane **Tax Map #:** 102-1

SCOPE

Construction of rain gardens, pervious pavement, and manufactured BMPs for improved water quality.

Designed By: Bowman Consulting Group (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN08318120
Task Order Number: 84
Construction Completion Date: 10/6/2008
DPWES Project Manager: Pokharel, Sajan
DPWES Construction Manager: Bashir, Qais
DPWES Right-of-Way Agent: Finnell, Richard
DPWES Surveyor: Housley, Gregg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$22,600 |
| Construction: | \$108,140 |
| Utilities: | \$0 |
| Total: | \$130,740 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Little Hunting Creek Watershed Projects/ Fort Hunt Elementary School
Fund Title: Stormwater Management **Project #:** LH8000 LH006
Magisterial District: Mount Vernon **Fund #:** 318
Address: 8801 Linton Lane **Tax Map #:** 111-1

SCOPE

Construction of two bio-filtration ponds and manufactured BMPs for improved water quality.

Designed By: Bowman Consulting Group (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN08318119
Task Order Number: 88
Construction Completion Date: 10/28/2008
DPWES Project Manager: Pokharel, Sajan
DPWES Construction Manager: Bashir, Qais
DPWES Right-of-Way Agent: Finnell, Richard
DPWES Surveyor: Perry, Michael

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$23,064 |
| Construction: | \$41,217 |
| Utilities: | \$0 |
| Total: | \$64,281 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Little Hunting Creek Watershed Projects/ Hybla Valley Elementary School
Fund Title: Stormwater Management **Project #:** LH8000 LH006
Magisterial District: Mount Vernon **Fund #:** 318
Address: 3415 Lockheed Boulevard **Tax Map #:** 092-4

SCOPE

Construction of rain gardens, pervious pavement, and manufactured BMPs for improved water quality.

Designed By: Bowman Consulting Group (consultant)
Constructed By: Ashburn Contracting Corp. (contractor)
Contract Number: CN08318118
Task Order Number: 101
Construction Completion Date: 12/15/2008
DPWES Project Manager: Pokharel, Sajan
DPWES Construction Manager: Bashir, Qais
DPWES Right-of-Way Agent: Finnell, Richard
DPWES Surveyor: Housley, Gregg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$36,118 |
| Construction: | \$88,096 |
| Utilities: | \$0 |
| Total: | \$124,214 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Emergency Watershed Projects/ Newington Commons Road (8749)
Fund Title: Stormwater Management **Project #:** FX8000 PC006
Magisterial District: Mount Vernon **Fund #:** 318
Address: 8749 Newington Commons Road **Tax Map #:** 098-3

SCOPE

This project included adding a throat and lowering an existing yard inlet to minimize the risk of house flooding.

Designed By: St. Clair, Scott, Maintenance & Stormwater Management Div.
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 3/15/2009
DPWES Project Manager: Hatterick, Jeff
DPWES Construction Manager: Pope, Billy

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$7,555 |
| Utilities: | \$0 |
| Total: | \$7,555 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | |
|-----------------------|---|-------------------------|
| Project Name: | Little Hunting Creek Watershed Projects/ Bucknell Manor Park Retrofit | |
| Fund Title: | Stormwater Management | Project #: LH8000 LH012 |
| Magisterial District: | Mount Vernon | Fund #: 318 |
| Address: | 2236 Mary Baldwin Drive | Tax Map #: 093-1 |

SCOPE

Removal of an existing concrete ditch and construction of two vegetated swales incorporating new low impact development measures for improved water quality.

| | |
|-------------------------------|---|
| Designed By: | Bowman Consulting Group (consultant) |
| Constructed By: | Environmental Quality Resources, LLC (contractor) |
| Contract Number: | CN08318085 |
| Task Order Number: | 1 |
| Construction Completion Date: | 3/11/2009 |
| DPWES Project Manager: | Pokharel, Sajan |
| DPWES Construction Manager: | Rayyan, Yousef |
| DPWES Right-of-Way Agent: | Kresge, Carol |
| DPWES Surveyor: | Strecker, Mathias |

| Costs | Dollar Amount |
|---------------|-----------------|
| Land: | \$287 |
| Permits/Fees: | \$0 |
| Design: | \$31,633 |
| Construction: | \$55,132 |
| Utilities: | \$0 |
| Total: | \$87,052 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | |
|-----------------------|--|-------------------------|
| Project Name: | Little Hunting Creek Watershed Projects/ Collingwood Park Retrofit | |
| Fund Title: | Stormwater Management | Project #: LH8000 LH013 |
| Magisterial District: | Mount Vernon | Fund #: 318 |
| Address: | 8200 W. Boulevard Drive | Tax Map #: 102-4 |

SCOPE

Construction of one bio-retention filter, one soil amendment area and several strips of no-mow areas in slopes near the entrance to improve water quality as well as attenuate flows before discharging to an existing outfall.

| | |
|-------------------------------|--|
| Designed By: | Bowman Consulting Group (consultant) |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN08318084 |
| Task Order Number: | 5 |
| Construction Completion Date: | 5/10/2009 |
| DPWES Project Manager: | Pokharel, Sajan |
| DPWES Construction Manager: | Rayyan, Yousef |
| DPWES Right-of-Way Agent: | Buckley, Beth |
| DPWES Surveyor: | McEntire, Vickie |

| Costs | Dollar Amount |
|---------------|-----------------|
| Land: | \$3,270 |
| Permits/Fees: | \$0 |
| Design: | \$23,062 |
| Construction: | \$65,265 |
| Utilities: | \$736 |
| Total: | \$92,333 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | |
|---|--------------------------------|
| Project Name: Dam Safety Projects/ Southern Oaks | Project #: FX4000 PC007 |
| Fund Title: Stormwater Management | Fund #: 318 |
| Magisterial District: Mount Vernon | Tax Map #: 098-3 |
| Address: 8300 Block Southern Oaks Court | |

SCOPE

The project provided for the retrofit of a stormwater detention pond and included the repair of the principal spillway, installation of new storm pipes & riser structure and establishment of permanent access for maintenance.

| | |
|--------------------------------------|--|
| Designed By: | Moffatt & Nichol/RKK (consultant) |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN08318087 |
| Task Order Number: | 1 |
| Construction Completion Date: | 6/29/2009 |
| DPWES Project Manager: | Meyers, Matt |
| DPWES Construction Manager: | Bashir, Qais |
| DPWES Right-of-Way Agent: | Kresge, Carol |
| DPWES Surveyor: | Housley, Gregg |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$3,709 |
| Permits/Fees: | \$0 |
| Design: | \$94,204 |
| Construction: | \$106,368 |
| Utilities: | \$4,079 |
| Total: | \$208,360 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Emergency Watershed Projects/ Moline Place (8307, 8309, 8311, 8313)
Fund Title: Stormwater Management **Project #:** FX8000 PC003
Magisterial District: Mount Vernon **Fund #:** 318
Address: 8307 - 8313 Moline Place **Tax Map #:** 098-4

SCOPE

Additional throat openings were constructed on two yard inlets to allow for extra capacity of stormwater into the existing storm drain system to minimize the potential of clogging and house flooding.

Designed By: Tucker, Valerie, Maintenance & Stormwater Management Div.
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 3/16/2009
DPWES Project Manager: Tucker, Valerie
DPWES Construction Manager: Weaver, John

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$9,499 |
| Utilities: | \$0 |
| Total: | \$9,499 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Infrastructure Replacement Program Paul Springs Pwky
Fund Title: Stormwater Management **Project #:** FX6000 FX007
Magisterial District: Mount Vernon **Fund #:** 318
Address: Intersection of Paul Spring Pkwy/New Orleans Dr. **Tax Map #:** 102-1

SCOPE

Repaired and replaced two deteriorating outfall structures and associated pipe segments.

Designed By: Malcolm Pirnie (consultant)
Constructed By: E.E. Lyons (contractor)
Contract Number: CN09318130
Task Order Number: 1 & 8
Construction Completion Date: 3/1/2009
DPWES Project Manager: Schell, Bill
DPWES Construction Manager: Cameron, Tom

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$5,000 |
| Construction: | \$10,024 |
| Utilities: | \$0 |
| Total: | \$15,024 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Watershed Projects New Alexandria Pump Station Upgrades
Fund Title: Stormwater Management Program **Project #:** BH8000 BH001
Magisterial District: Mount Vernon **Fund #:** 318
Address: 6500 Thirteenth St. **Tax Map #:** 093-1

SCOPE

To minimize the flooding potential of the New Alexandria Pump Station and to safeguard its electrical equipment, automated, and mechanical components were installed to protect the station and to control inflow/outflow gates.

Designed By: Malcolm Pirnie (consultant)
Constructed By: American Contracting & Environmental Services (contractor)
Contract Number: CN03402777
Task Order Number: N/A
Construction Completion Date: 12/1/2008
DPWES Project Manager: Schell, Bill
DPWES Construction Manager: Cook, Steve

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$65,500 |
| Construction: | \$132,000 |
| Utilities: | \$0 |
| Total: | \$197,500 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | |
|---|--------------------------------|
| Project Name: Dam Safety Projects/ Mill Run Crossing | Project #: FX4000 DF007 |
| Fund Title: Stormwater Management | Fund #: 318 |
| Magisterial District: Providence | Tax Map #: 46-2 |
| Address: 3300 Block Cranbrook Court | |

SCOPE

This project provided for the retrofit of a stormwater detention pond, repair of a failed principal spillway, installation of a new storm pipe, & riser structure and establishment of permanent access for maintenance.

| | |
|--------------------------------------|--|
| Designed By: | Moffatt & Nichol/RKK (consultant) |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN08318088 |
| Task Order Number: | 117 |
| Construction Completion Date: | 5/8/2009 |
| DPWES Project Manager: | Meyers, Matt |
| DPWES Construction Manager: | Bashir, Qais |
| DPWES Right-of-Way Agent: | Buckley, Beth |
| DPWES Surveyor: | Perry, Michael |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$3,382 |
| Permits/Fees: | \$0 |
| Design: | \$84,124 |
| Construction: | \$109,714 |
| Utilities: | \$12,990 |
| Total: | \$210,210 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|--|-------------------|--------------|
| Project Name: | Cameron Run Watershed Projects/ Falls Hill Retrofits | Project #: | CA8000 CA014 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Providence | Tax Map #: | 040-3 |
| Address: | 7315 Gordons Road | | |

SCOPE

This project provided flood mitigation measures at 7135 Gordons Road by replacing an existing 9 foot long curb inlet top with a 18 foot curb drop inlet drop. The work also included replacing existing curb & gutter to match new curb inlet top.

| | |
|--------------------------------------|---|
| Designed By: | Bajere, Paul, Stormwater Planning Division, DPWES |
| Constructed By: | Ashburn Contracting Corp. (contractor) |
| Contract Number: | CN09126001 |
| Task Order Number: | 4 |
| Construction Completion Date: | 2/3/2009 |
| DPWES Project Manager: | Bajere, Paul |
| DPWES Construction Manager: | Qureshi, Mannan |

| Costs | Dollar Amount |
|---------------|-----------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$17,459 |
| Utilities: | \$7,614 |
| Total: | \$25,073 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---|-------------------|--------------|
| Project Name: | Major Storm Drainage Maintenance/ Ellenwood | Project #: | FX6000 FX005 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Providence | Tax Map #: | 048-4 |
| Address: | 2915 Everleigh Way | | |

SCOPE

Work included modifying a yard inlet by adding two throat openings and constructing a berm around the back of the structure. This work was completed to minimize house flooding potential.

| | |
|--------------------------------------|---|
| Designed By: | Tucker, Valerie, Maintenance & Stormwater Management Div. |
| Constructed By: | Maintenance & Stormwater Management Division, DPWES |
| Contract Number: | N/A |
| Task Order Number: | N/A |
| Construction Completion Date: | 6/15/2009 |
| DPWES Project Manager: | Tucker, Valerie |
| DPWES Construction Manager: | Murray, Jonathan |

| Costs | Dollar Amount |
|---------------|----------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$5,602 |
| Utilities: | \$0 |
| Total: | \$5,602 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|--|-------------------|--------------|
| Project Name: | Emergency Watershed Projects/ Bell Lane (8232) | Project #: | FX8000 DF001 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Providence | Tax Map #: | 039-4 |
| Address: | 8232 Bell Lane | | |

SCOPE

Retrofit of two window wells and installation of appropriate drainage facilities to minimize house flooding potential.

| | |
|--------------------------------------|---|
| Designed By: | Tucker, Valerie, Maintenance & Stormwater Management Div. |
| Constructed By: | Apex (contractor) |
| Contract Number: | N/A |
| Task Order Number: | N/A |
| Construction Completion Date: | 9/1/2008 |
| DPWES Project Manager: | Tucker, Valerie |
| DPWES Construction Manager: | Kolony, Drew |

| Costs | Dollar Amount |
|---------------|-----------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$11,200 |
| Utilities: | \$0 |
| Total: | \$11,200 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Cameron Run Watershed Projects Shreveewood ES- Phase I & II SW Retrofit
Fund Title: Stormwater Management **Project #:** CA8000 CA033
Magisterial District: Providence **Fund #:** 318
Address: 7525 Shreve Road **Tax Map #:** 050-1

SCOPE

Conversion of approximately 1.5 acres of turf to native forest and meadow. Work completed by volunteers.

Designed By: Tuttle, Ron, Stormwater Planning Division, DPWES
Constructed By: Fairfax Releaf, Inc. & Virginia Department of Forestry (contractor)
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 5/9/2009
DPWES Project Manager: Tuttle, Ron
DPWES Construction Manager: N/A

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$0 |
| Utilities: | \$0 |
| Total: | \$0 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Difficult Run Watershed Projects Waples Mill Elementary School - Phase I & II SW
Fund Title: Stormwater Management **Project #:** DF8000 DF010
Magisterial District: Providence **Fund #:** 318
Address: 11509 Waples Mill Road **Tax Map #:** 046-2

SCOPE

Amend soil and convert approximately 1/2 acre of turf to native meadow and install bioretention basin for improved stormwater detention and water quality. Work completed by school ground operations.

Designed By: Tuttle, Ron, Stormwater Planning Division, DPWES
Constructed By: Waples Mill Elementary School, FCPS
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 5/1/2009
DPWES Project Manager: Tuttle, Ron
DPWES Construction Manager: N/A

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$0 |
| Utilities: | \$0 |
| Total: | \$0 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Emergency Watershed Projects/ Gavelwood Ct/9000 Block/Flood Mitigation
Fund Title: Stormwater Management **Project #:** FX8000 PC005
Magisterial District: Springfield **Fund #:** 318
Address: 9010, 9012, 9014 Gavelwood Court **Tax Map #:** 088-4

SCOPE

A one-throated yard inlet was installed along the existing pipe system to minimize house flooding.

Designed By: St. Clair, Scott, Maintenance & Stormwater Management Div.
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 11/15/2008
DPWES Project Manager: Maguire, Joan
DPWES Construction Manager: Weaver, John

DPWES Surveyor: Harper, Greg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$8,647 |
| Utilities: | \$0 |
| Total: | \$8,647 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---|-------------------|--------------|
| Project Name: | Dam Safety Projects/ Cardinal Glen Sec. 2 - Phase 1 | Project #: | FX4000 PC005 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Springfield | Tax Map #: | 078-3 |
| Address: | 6000 Block Heathwick Court | | |

SCOPE

This project provided for construction of an emergency spillway and establishment of a permanent access road. The Phase 1 of this project was completed in 2008 and provided for dam repairs and construction of stormwater structures.

| | |
|--------------------------------------|---|
| Designed By: | Bowman Consulting Group (consultant) |
| Constructed By: | Environmental Quality Resources, LLC (contractor) |
| Contract Number: | CN07318042 |
| Task Order Number: | 9 |
| Construction Completion Date: | 8/15/2008 |
| DPWES Project Manager: | Meyers, Matt |
| DPWES Construction Manager: | Bashir, Qais |
| DPWES Right-of-Way Agent: | Kresge, Carol |
| DPWES Surveyor: | Housley, Gregg |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$6,457 |
| Permits/Fees: | \$0 |
| Design: | \$46,782 |
| Construction: | \$121,002 |
| Utilities: | \$2,427 |
| Total: | \$176,668 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|---------------------------------------|-------------------|--------------|
| Project Name: | Dam Safety Projects/ Colchester Hills | Project #: | FX4000 PH001 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Springfield | Tax Map #: | 76-1 |
| Address: | 12131 Brantleigh Place | | |

SCOPE

This project provided for the repair of the failed dam embankment, replacement of the principal spillway and outfall pipes, removal of debris and sediment, and planting of trees and shrubs.

| | |
|--------------------------------------|-----------------------------------|
| Designed By: | Moffatt & Nichol/RKK (consultant) |
| Constructed By: | APEX Companies, LLC (contractor) |
| Contract Number: | CN08318086 |
| Task Order Number: | 14 |
| Construction Completion Date: | 2/24/2009 |
| DPWES Project Manager: | Meyers, Matt |
| DPWES Construction Manager: | Gharavi, Mo |
| DPWES Right-of-Way Agent: | Finnell, Richard |
| DPWES Surveyor: | Harper, Greg |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$172 |
| Permits/Fees: | \$0 |
| Design: | \$59,159 |
| Construction: | \$70,505 |
| Utilities: | \$1,177 |
| Total: | \$131,013 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Dam Safety Projects/ Little Rocky Run Sediment Removal & Wetland Retrofit
Fund Title: Stormwater Management **Project #:** FX4000 LR003
Magisterial District: Springfield **Fund #:** 318
Address: 13821 South Springs Drive **Tax Map #:** 065-4

SCOPE

The project included sediment removal in order to improve pond performance and a wetland plant seed mix to enhance water quality.

Designed By: Markey, Richard, Maintenance & Stormwater Management Div.
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 9/24/2008
DPWES Project Manager: Markey, Richard
DPWES Construction Manager: Sprow, Pete

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$18,241 |
| Utilities: | \$0 |
| Total: | \$18,241 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Dam Safety Projects/ Whisperwood Pond 2 Sediment Removal and Retrofit
Fund Title: Stormwater Management **Project #:** FX4000 PC015
Magisterial District: Springfield **Fund #:** 318
Address: 8929 Mountain Ash Drive **Tax Map #:** 098-1

SCOPE

Work included removal of sediment and debris, as well as retrofitting a trash rack, wing walls, and apron which will improve pond performance.

Designed By: Markey, Richard, Maintenance & Stormwater Management Div.
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 4/1/2009
DPWES Project Manager: Markey, Richard
DPWES Construction Manager: Sprow, Pete

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$52,649 |
| Utilities: | \$0 |
| Total: | \$52,649 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|--|-------------------|--------------|
| Project Name: | Dam Safety Projects/ Cardinal Glen Sec. 2 - Phase II | Project #: | FX4000 PC005 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Springfield | Tax Map #: | 078-3 |
| Address: | 6000 Block Heathwick Court | | |

SCOPE

This project provided for dam repair and included the construction of a stormwater riser structure, outfall pipe, open water channel, grading, and site restoration.

| | |
|--------------------------------------|--------------------------------------|
| Designed By: | Bowman Consulting Group (consultant) |
| Constructed By: | APEX Companies, LLC (contractor) |
| Contract Number: | CN07318042 |
| Task Order Number: | 9 |
| Construction Completion Date: | 5/8/2009 |
| DPWES Project Manager: | Meyers, Matt |
| DPWES Construction Manager: | McCorkle, Lisa |
| DPWES Right-of-Way Agent: | Kresge, Carol |
| DPWES Surveyor: | Housley, Gregg |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$3,229 |
| Permits/Fees: | \$0 |
| Design: | \$46,782 |
| Construction: | \$147,299 |
| Utilities: | \$2,427 |
| Total: | \$199,736 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|--|-------------------|--------------|
| Project Name: | Infrastructure Replacement Program/ Holford Lane | Project #: | FX6000 FX007 |
| Fund Title: | Stormwater Management | Fund #: | 318 |
| Magisterial District: | Springfield | Tax Map #: | 089-1 |
| Address: | 6700 Holford Lane | | |

SCOPE

This project included removing and replacing approximately 152 linear feet of storm pipe, replacing the end wall, installing a drop structure, and stabilizing and restoring the adjacent easement area.

| | |
|--------------------------------------|---|
| Designed By: | Tucker, Valerie, Maintenance & Stormwater Management Div. |
| Constructed By: | E.E. Lyons (contractor) |
| Contract Number: | N/A |
| Task Order Number: | 3 |
| Construction Completion Date: | 10/25/2008 |
| DPWES Project Manager: | Tucker, Valerie |
| DPWES Construction Manager: | Cameron, Tom |

DPWES Surveyor: Harper, Greg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$52,394 |
| Utilities: | \$0 |
| Total: | \$52,394 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Pohick Creek Watershed Projects/ Poplar Spring Court
Fund Title: Stormwater Management **Project #:** PC8000 PC004
Magisterial District: Springfield **Fund #:** 318
Address: 9300 Block Poplar Spring Court **Tax Map #:** 078-4

SCOPE

Provide 600 LF of stream restoration by establishing a stable stream morphology through stabilizing bank grades, installing natural channel design with varying rock structures, and restoring the riparian area through establishment of native plantings.

Designed By: Michael Baker Jr., Inc. (consultant)
Constructed By: Angler Environmental (contractor)
Contract Number: CN08318107
Task Order Number: N/A
Construction Completion Date: 4/30/2009
DPWES Project Manager: Pistore, Justin
DPWES Construction Manager: Bashir, Qais

DPWES Surveyor: Harper, Greg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$172 |
| Permits/Fees: | \$0 |
| Design: | \$100,283 |
| Construction: | \$197,728 |
| Utilities: | \$0 |
| Total: | \$298,183 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Dam Safety Projects/ Compton Heights Sediment Removal and Retrofit
Fund Title: Stormwater Management **Project #:** FX4000 LR002
Magisterial District: Springfield **Fund #:** 318
Address: 6848 Compton Heights Circle **Tax Map #:** 065-4

SCOPE

Removal of 300 cubic yards of sediment from the pond floor and adjacent micropools restoring the pond to its original capacity. A gabion weir sediment forebay was also installed to improve sediment management.

Designed By: Markey, Richard, Maintenance & Stormwater Management Div.
Constructed By: APEX (contractor)
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 12/23/2008
DPWES Project Manager: Markey, Richard
DPWES Construction Manager: Markey, Richard

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$2,399 |
| Construction: | \$110,113 |
| Utilities: | \$0 |
| Total: | \$112,512 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Major Storm Drainage Maintenance/ 6244 Garretson St
Fund Title: Stormwater Management **Project #:** FX6000 FX005
Magisterial District: Springfield **Fund #:** 318
Address: 6244 Garretson Street **Tax Map #:** 078-04

SCOPE

A manhole structure was modified to a two-throated yard inlet to minimize house and yard flooding.

Designed By: Tucker, Valerie, Maintenance & Stormwater Management Div.
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 7/25/2008
DPWES Project Manager: Tucker, Valerie
DPWES Construction Manager: Weaver, John

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$3,431 |
| Utilities: | \$0 |
| Total: | \$3,431 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Facility Major Maintenance/ Poplar Tree Estates Sec 2 Trash Rack Retrofit
Fund Title: Stormwater Management **Project #:** FX5000 FX006
Magisterial District: Sully **Fund #:** 318
Address: Poplar Tree Rd **Tax Map #:** 045-3

SCOPE

Fabrication and construction of a new trash rack to minimize future blockages and potential house flooding. The redesign was so successful that the pond did not block during Tropical Storm Hanna in September 2008.

Designed By: Markey, Richard, Maintenance & Stormwater Management Div.
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 8/6/2008
DPWES Project Manager: Markey, Richard
DPWES Construction Manager: Rossi, Dennis

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$3,306 |
| Utilities: | \$0 |
| Total: | \$3,306 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Dam Safety Projects/ Fox Vale Sec 6

Fund Title: Stormwater Management

Magisterial District: Sully

Address: 11900 Block Vale Road

Project #: FX4000 DF008

Fund #: 318

Tax Map #: 046-1

SCOPE

This project increased the pond capacity and included the construction of a riser structure, storm drain pipes, rip rap, landscaping, and other related items.

Designed By: Moffatt & Nichol/RKK (consultant)

Constructed By: APEX Companies, LLC (contractor)

Contract Number: CN08318089

Task Order Number: 15

Construction Completion Date: 2/10/2009

DPWES Project Manager: Meyers, Matt

DPWES Construction Manager: Lim, Vannak

DPWES Right-of-Way Agent: Finnell, Richard

DPWES Surveyor: Housley, Gregg

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$4,804 |
| Permits/Fees: | \$0 |
| Design: | \$97,293 |
| Construction: | \$119,010 |
| Utilities: | \$1,132 |
| Total: | \$222,239 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Facility Major Maintenance/ Pleasant Hill Sediment Removal and Retrofit
Fund Title: Stormwater Management **Project #:** FX5000 FX005
Magisterial District: Sully **Fund #:** 318
Address: 15389 Martins Hundred Drive **Tax Map #:** 053-1

SCOPE

The project included the retrofit of a new headwall and trash rack improving the performance of the facility.

Designed By: Markey, Richard, Maintenance & Stormwater Management Div.
Constructed By: Maintenance and Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 1/5/2009
DPWES Project Manager: Markey, Richard
DPWES Construction Manager: Snyder, Dave

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$16,796 |
| Utilities: | \$0 |
| Total: | \$16,796 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Dam Safety Projs/ Chantilly Library Sediment Removal & Wetland Retrofit
Fund Title: Stormwater Management **Project #:** FX4000 CU001
Magisterial District: Sully **Fund #:** 318
Address: 4000 Stringfellow Road **Tax Map #:** 045-1

SCOPE

The project included sediment removal in order to improve pond performance and a wetland plant seed mix to enhance water quality.

Designed By: Markey, Richard, Maintenance & Stormwater Management Div.
Constructed By: Maintenance & Stormwater Management Division, DPWES
Contract Number: N/A
Task Order Number: N/A
Construction Completion Date: 8/8/2008
DPWES Project Manager: Markey, Richard
DPWES Construction Manager: Snyder, Dave

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$30,250 |
| Utilities: | \$0 |
| Total: | \$30,250 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Infrastructure Maintenance Program/ Ampstead Court
Fund Title: Stormwater Management **Project #:** FX6000 FX007
Magisterial District: Sully **Fund #:** 318
Address: 14932 Ampstead Court **Tax Map #:** 053-4

SCOPE

A curb inlet was added and an overland relief channel was constructed to minimize house flooding.

Designed By: Tucker, Valerie, Maintenance & Stormwater Management Div.
Constructed By: E.E. Lyons (contractor)
Contract Number: CN09318163
Task Order Number: 16
Construction Completion Date: 6/12/2009
DPWES Project Manager: Tucker, Valerie
DPWES Construction Manager: Cameron, Tom

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$0 |
| Design: | \$0 |
| Construction: | \$34,111 |
| Utilities: | \$0 |
| Total: | \$34,111 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|----------------------------|-------------------|--------|
| Project Name: | Jefferson Manor IIB | Project #: | 013918 |
| Fund Title: | Housing Assistance Program | Fund #: | 340 |
| Magisterial District: | Lee | Tax Map #: | 083-3 |
| Address: | 2800 Fort Drive | | |

SCOPE

Reconstruction of approx. 1500' of Fort Drive, from Edgehill Drive to North Kings Highway. It included a new 12" watermain, storm drainage system, curb & gutter, sidewalks, concrete driveway entrances, driveways, retaining walls, & stairways.

| | |
|--------------------------------------|--|
| Designed By: | Rinker Design Associates (consultant) |
| Constructed By: | Tessa Construction & Tech Co. (contractor) |
| Contract Number: | CP06380011 |
| Task Order Number: | N/A |
| Construction Completion Date: | 8/29/2008 |
| DPWES Project Manager: | Ayers, Robert |
| DPWES Construction Manager: | Minnix, W. Todd |
| DPWES Right-of-Way Agent: | Buckley, Beth |
| DPWES Surveyor: | McMillen, Barry |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$99,756 |
| Permits/Fees: | \$0 |
| Design: | \$143,054 |
| Construction: | \$1,697,915 |
| Utilities: | \$0 |
| Total: | \$1,940,725 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: South Run RECenter - Fitness Addition
Fund Title: Park Authority Bond Construction **Project #:** 476204
Magisterial District: Springfield **Fund #:** 370
Address: 7550 Reservation Drive **Tax Map #:** 97-1

SCOPE

This project consisted of a two story, 7,000 SF addition to the existing South Run District Park RECenter, a 65 space parking lot with lighting and a new stormwater detention pond. The addition provides a program room and fitness center.

Designed By: Bowie Gridley Architects (consultant)
Constructed By: Falls Church Construction Corp. (contractor)
Contract Number: CN0651035-01
Task Order Number: N/A
Construction Completion Date: 8/7/2008
DPWES Project Manager: Ogurcak, Toni
DPWES Construction Manager: Foelsch, Rick

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$261,424 |
| Permits/Fees: | \$0 |
| Design: | \$130,484 |
| Construction: | \$2,419,489 |
| Utilities: | \$36,455 |
| Total: | \$2,847,852 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: River Oaks Sanitary Sewer Extension & Improvement
Fund Title: Wastewater Treatment Revenue Fund **Project #:** X00826 E004
Magisterial District: Dranesville **Fund #:** 402
Address: River Oaks Subdivision **Tax Map #:** 21-4

SCOPE

Installation of approximately 3,200 LF of gravity sewer pipe, 19,500 LF of force main sanitary pipe, grinder pumps, water line relocation, extensive pavement, and site restoration.

Designed By: Dewberry & Davis (consultant)
Constructed By: Anchor Construction Corp. (contractor)
Contract Number: CN03402780
Task Order Number: N/A
Construction Completion Date: 8/28/2008
DPWES Project Manager: Flowers, Randall
DPWES Construction Manager: Knizner, Anthony
DPWES Right-of-Way Agent: Buckley, Beth
DPWES Surveyor: Murdoch, Guy

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$300 |
| Design: | \$492,719 |
| Construction: | \$5,092,405 |
| Utilities: | \$0 |
| Total: | \$5,585,424 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|-----------------------------------|-------------------|-------------|
| Project Name: | Extension Project/ Stryker Avenue | Project #: | X00826 EI02 |
| Fund Title: | Wastewater Treatment Revenue Fund | Fund #: | 402 |
| Magisterial District: | Hunter Mill | Tax Map #: | 037-4 |
| Address: | Stryker Avenue | | |

SCOPE

Installation of 1,650 LF of gravity sanitary sewer pipe, 1,270 LF of sanitary sewer force main pipe, manholes, grinder pumps and renovations to the Little Vienna Sewage Pump Station to accommodate the additional flow resulting from this expansion.

| | |
|--------------------------------------|---|
| Designed By: | Dewberry & Davis (consultant) |
| Constructed By: | William B. Hopke Company, Inc. (contractor) |
| Contract Number: | CN06402007 |
| Task Order Number: | N/A |
| Construction Completion Date: | 5/18/2009 |
| DPWES Project Manager: | Adams, Shanna |
| DPWES Construction Manager: | Knizner, Anthony |
| DPWES Right-of-Way Agent: | Kresge, Carol |
| DPWES Surveyor: | Housley, Gregg |

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$300 |
| Design: | \$42,665 |
| Construction: | \$976,232 |
| Utilities: | \$0 |
| Total: | \$1,019,197 |



CAPITAL PROJECTS COMPLETED - FY 2009

Project Name: Pump Station Renovation Gunston Commons & Wellington I Pump Stations
Fund Title: Wastewater Treatment Revenue Fund **Project #:** 100351 0002
Magisterial District: Mount Vernon **Fund #:** 402
Address: 7835 Southdown Road **Tax Map #:** 102-2

SCOPE

Installation of the generator and the fuel tank relocated from Gunston Commons Sewage Pumping Station on a new concrete pad with a new weatherproof enclosure, and installation of a flood gate system.

Designed By: Whitman, Requardt & Associates (consultant)
Constructed By: ALPHA Construction Company (contractor)
Contract Number: CN08402002
Task Order Number: N/A
Construction Completion Date: 9/5/2008
DPWES Project Manager: Flowers, Randall
DPWES Construction Manager: Nolan, Bill

| Costs | Dollar Amount |
|---------------|----------------------|
| Land: | \$0 |
| Permits/Fees: | \$300 |
| Design: | \$39,637 |
| Construction: | \$216,496 |
| Utilities: | \$0 |
| Total: | \$256,433 |



CAPITAL PROJECTS COMPLETED - FY 2009

| | | | |
|------------------------------|-------------------------------------|-------------------|--------|
| Project Name: | Belle View Gravity Sewer Relocation | Project #: | X00905 |
| Fund Title: | Wastewater Treatment Revenue Fund | Fund #: | 402 |
| Magisterial District: | Mount Vernon | Tax Map #: | 093-2 |
| Address: | Belle View Blvd/Wakefield Street | | |

SCOPE

Construction of 550 LF of 12-inch sanitary sewer pipe through a 36-inch casing pipe installed with micro-tunneling and multiple new manholes. Due to high groundwater & running sand soil, a "secant pile wall" was utilized for excavation support.

| | |
|--------------------------------------|---|
| Designed By: | Camp Dresser & McKee (consultant) |
| Constructed By: | Flippo Construction Company Inc. (contractor) |
| Contract Number: | CN08402005 |
| Task Order Number: | N/A |
| Construction Completion Date: | 1/28/2009 |
| DPWES Project Manager: | N/A |
| DPWES Construction Manager: | Steele, Terrence |
| DPWES Right-of-Way Agent: | Kresge, Carol |

| Costs | Dollar Amount |
|---------------|--------------------|
| Land: | \$0 |
| Permits/Fees: | \$300 |
| Design: | \$351,301 |
| Construction: | \$4,406,345 |
| Utilities: | \$0 |
| Total: | \$4,757,946 |

