



Welcome to a summary report of active capital projects in the Dranesville District.
Please scroll down to view the individual projects being managed by the Department of Public Works and Environmental Services.

If you need more information about a project, please call 703-324-5800, TTY 711.

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 400-C40061
Project Number CC-000018-004
Project Name Old Firehouse Improvements ADA Bath

Project Description

The restrooms at this facility do not meet current ADA standards and regulations . Work will be performed to renovate and upgrade the restrooms to meet current ADA standards and regulations , complete repairs to the route from the accessible parking to the building, and to complete modifications to the entrance door for accessibility compliance.

Total Project Estimate \$800,000
Future Funding TBD
Project Phase Design
Construction Award Fall - 2024
Project Complete Spring - 2025

Remarks

Land Development Services approved permit drawings were received on 10/21/2024.The Special Projects Section sent out a request for proposal to the Job Order Contractors (JOC) on 11/06/2024. Proposals were received on 12/06/2024, and a selection was made. A Purchase Order (PO) request was submitted to the Department of Procurement and Material Management (DPMM) for processing on 12/16/ 2024. A notice to proceed will be issued to the contractor shortly after a PO is issued by DPMM. Construction is expected to begin in late January or early February 2025.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 400-C40101
Project Number SD-000031-183
Project Name Piney Run at Lake Werowance

Project Description

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

Total Project Estimate \$4,020,000
Future Funding \$541,223
Project Phase Post-Construction
Construction Award 09/17/2021 (A)
Project Complete 01/23/2023 (A)

Remarks

Several plant installation issues were noted by Stormwater Planning and Stormwater Construction. The issues were brought to the attention of Resource Environmental Services, Inc. (RES). RES is currently working on reinstalling replacements for the material originally installed by E&F Landscaping. The retainage funds are still being withheld until RES completes the work per contract specifications.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 400-C40101
Project Number SD-000031-230
Project Name Dead Run @ Georgetown Pike

Project Description
Restore ~5,500 linear feet of stream using natural channel design and riparian corridor enhancements to improve water quality.

Total Project Estimate \$6,777,742
Future Funding \$5,923,222
Project Phase Design
Construction Award Spring - 2025
Project Complete Spring - 2027

Remarks

The final design plan for the project was received from Stantec Consulting Services, Inc. (Stantec) on 5/29/24. The Nationwide Permit was received on 10/31/24. County staff are working with the Wastewater Division to assess the condition of a force main under the proposed construction access road .

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 400-C40101
Project Number SD-000031-234
Project Name Little Pimmit Run Tributary at Woodland Terrace
Project Description

Restore ~1,000 linear feet of stream using natural channel design, riparian corridor enhancements for improved water quality, and stormwater infrastructure redesign.

Total Project Estimate \$9,346,000
Future Funding \$7,967,401
Project Phase Design
Construction Award Spring - 2025
Project Complete Fall - 2026

Remarks

Washington Gas provided a utility relocation plan on 12/20/24. Dominion confirmed the removal of a tree that was conflicting with the new pole location on 12/10/24. The VDOT design waiver application is due from AECOM on 1/12/25. Final design due from design consultant Wetland Studies and Solutions, Inc. on 1/19/25.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 400-C40101
Project Number SD-000031-243
Project Name 819 Swinks Mill Road

Project Description

Flood prevention through purchase and tear down of repetitive flooding structure in cooperation with the landowner and FEMA.

Total Project Estimate \$1,500,000
Future Funding \$1,260,836
Project Phase Design
Construction Award 01/23/2024 (A)
Project Complete Winter - 2025

Remarks

Contractor FH Paschen (FHP) resubmitted the rough grading plan to Land Development Services on 12/9/24 with the Floodplain Use Determination submitted on 12/14/24. FHP submitted for the Demolition permit on 12/27/24.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 400-C40101
Project Number SD-000031-260
Project Name Scotts Run @ Lewinsville Rd

Project Description
Restore ~4,000 linear feet of stream channel using using natural channel design for improved water quality.

Total Project Estimate \$7,850,000
Future Funding \$6,125,000
Project Phase Design

Construction Award

Project Complete

Remarks

A meeting with the consultant - Rummel, Klepper and Kahl (RKK) was held in October, 2024 to discuss the pre-design plans and report. County staff as well as outside agencies (VDOT, etc.) completed review of the pre-design plan and report and all comments were provided to RKK on 12/13/2024. A meeting will be held in the new year, likely January, 2025 to review comments. County staff must select one of two options provided in the pre-design plan and report so to move forward w/ design.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 400-C40101
Project Number SD-000032-073
Project Name Valley Ave STW Drainage Improvements
Project Description

Stormwater drainage improvements to mitigate flooding from larger storms events in the Valley Ave neighborhood.

Total Project Estimate \$2,089,000
Future Funding \$1,816,232
Project Phase Design
Construction Award Summer - 2025
Project Complete Fall - 2025

Remarks

Easements from two properties have been obtained. The Land Acquisition Division (LAD) followed up with the remaining property owners. Staff from the Dranesville Magisterial Office have reached out to non-responsive property owner at 6341 Linway Terrace on 12/10/24. LAD to follow up again with property owners by 1/17/25.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 400-C40101
Project Number SD-000032-074
Project Name Tucker Ave Neighborhood STW Improvement

Project Description

Establish neighborhood stormwater conveyance system to reduce flooding and improve water quality using a combination of pipe system upgrades and infiltration and flow retention systems.

Total Project Estimate \$12,815,565
Future Funding \$1,165,368
Project Phase Construction
Construction Award 03/19/2024 (A)
Project Complete Winter - 2026

Remarks

Coordination with Wash Gas continues. Contractor has demobilized while Washinton Gas finishes resolving the conflicts with the box culvert installation.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 400-C40101
Project Number SD-000032-075
Project Name Kent Gardens Neighborhood Stormwater Improvement Project
Project Description
Establish neighborhood stormwater conveyance system, and reduce flooding by combination of upgrade of conveyance system.

Total Project Estimate \$10,169,000
Future Funding \$9,002,594
Project Phase Design

Construction Award

Project Complete

Remarks

Easement acquisition for this project is currently in progress. A total of 37 easements are required for this project. A 65% design will be contingent on all easement acquisitions.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 400-C40101
Project Number SD-000032-077
Project Name Dead Run Drive Stormwater Improvements

Project Description

Stormwater drainage improvements to mitigate flooding from larger storm events in the Dead Run Drive neighborhood. The proposed improvements includes upsizing the existing 48-inch stormwater pipe into a 60-inch stormwater pipe for additional capacity, regrading of a swale for overland relief, and upgrading yard and road inlets to allow for more water to enter the conveyance system.

Total Project Estimate \$1,470,000
Future Funding \$949,219
Project Phase Design
Construction Award Spring - 2025
Project Complete Fall - 2025

Remarks

The VDOT Land Use Permit for this project was issued on 11/19/24. Utility coordination with Fairfax Water Authority is complete and relocation drawings for the water main are in construction drawings. Washington Gas relocation has been coordinated and relocation will occur in April 2025 due to VDOT work restrictions. Dominion Energy has issued a no conflict letter. Staff is preparing the VAR10 permit package and construction bid package.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 400-C40101
Project Number SD-000032-078
Project Name Forest Villa Ln Area STW Improvements
Project Description
Stormwater drainage improvements to mitigate flooding from larger storm events in the Forest Villa Dr neighborhood.

Total Project Estimate \$2,500,000
Future Funding \$2,268,069
Project Phase Design

Construction Award

Project Complete

Remarks

Staff are working with the consultant, GKY & Associates, Inc., to update the existing proposal that will take the project through final design. First draft of the proposal was received on 9/20/24. The final proposal was received on 12/13/24. Staff will process the new task order in January 2025.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 400-C40101
Project Number SD-000032-080
Project Name Weaver Ave-Dillon Ave STW Improvements

Project Description
Rehabilitation of 1,950 linear feet of concrete channel.

Total Project Estimate \$8,176,000
Future Funding \$7,794,162
Project Phase Design

Construction Award

Project Complete

Remarks

Staff met with design engineer GKY & Associates, Inc. on 9/11/24 to review potential Level 1 concept design improvements and is reaching out to individual property owners impacted by the potential improvements. Staff has received feedback or scheduled to meet with 12 of 22 property owners. Outreach efforts scheduled to be completed by 1/31/25.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 400-C40101
Project Number SD-000032-128
Project Name Broad Branch Court STW Improvements
Project Description
Flood mitigation project to address structural flooding in the Broad Branch Court neighborhood.

Total Project Estimate \$2,443,000
Future Funding \$2,079,788
Project Phase Design

Construction Award

Project Complete

Remarks

Staff alongside the design consultant GKY & Associates, Inc. (GKY) met with the community to walk the site on 12/4/24. The concept design is due from GKY on 3/8/25.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 400-C40101
Project Number SD-000032-129
Project Name Kings Manor Neighborhood Stormwater Improvement

Project Description

Establish and improve neighborhood stormwater conveyance system to reduce flooding and improve water quality using a combination of pipe system upgrades, flow retention and infiltration systems.

Total Project Estimate \$7,363,160
Future Funding \$7,015,160
Project Phase Pre-Design

Construction Award

Project Complete

Remarks

The design task order was authorized on 7/8/24 with McCormick Taylor Inc. to start the concept design. Survey is due on 2/14/25.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 690-C69300
Project Number WW-000001-015
Project Name Pumping Stations - Difficult Run Pump Station Grit Mitigation and Odor Control Improvements

Project Description

Project addressing grit issues at the Difficult Run Pump Station located at 9950 Colvin Run Road, Great Falls, VA 22060, and odor concerns at the pump station and along the associated force main.

Total Project Estimate \$7,887,869
Future Funding (\$110,787)
Project Phase Construction
Construction Award 03/01/2023 (A)
Project Complete Winter - 2025

Remarks

Construction is approximately 99% complete.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 690-C69300
Project Number WW-000001-016
Project Name Pumping Stations - Savile Lane Pump Station Rehabilitation
Project Description
Rehabilitation of the Savile Lane Pump Station in McLean, VA.

Total Project Estimate \$6,785,894
Future Funding \$5,941,426
Project Phase Post-Construction
Construction Award 05/23/2022 (A)
Project Complete 10/21/2024 (A)

Remarks
Construction is completed and in warranty phase.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 690-C69300
Project Number WW-000001-024
Project Name Langley School PS and FM Replacement - Phase 1

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

Total Project Estimate \$4,257,804
Future Funding (\$232,303)
Project Phase Post-Construction

Construction Award

Project Complete

Remarks

Construction is complete and final completion is underway.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 690-C69300
Project Number WW-000001-024-A
Project Name Chain Bridge Road Gravity Sewer Capacity Improvement
Project Description
Improvements to the downstream gravity sewer capacity for the Langley School Pump Station and Force Main Replacement project.

Total Project Estimate \$1,996,736
Future Funding (\$324,817)
Project Phase Post-Construction
Construction Award
Project Complete
Remarks

Construction is complete, permit close out and final completion are underway.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 690-C69300
Project Number WW-000001-024-B
Project Name Langley School PS and FM Replacement - Phase 2

Project Description
Interim improvements to the Langley School Pump Station, including pump replacement, related to the replacement of the force main under Phase 1.

Total Project Estimate \$897,826
Future Funding (\$209,501)
Project Phase Post-Construction

Construction Award

Project Complete

Remarks

Construction is complete, permit close out and final completion is underway.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 690-C69300
Project Number WW-000001-038
Project Name Pumping Stations- Dead Run Pump Station Valve Replacement

Project Description

During routine O&M at the Dead Run Pumping Station an aging 8" gate valve got stuck and after multiple attempts to reopen it failed to reopen. The valve is currently situated in a critical location within the pump station building and it will need to be replaced in kind. To avoid this in the future, we also plan to complete some other preventive maintenance by replacing other similar aging valves within the pump station.

Total Project Estimate \$1,462,244
Future Funding \$292,980
Project Phase Construction
Construction Award 11/22/2023 (A)
Project Complete Winter - 2025

Remarks

Construction activities are in progress.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 690-C69300
Project Number WW-000005-004
Project Name Integrated Sewer Metering Project 4

Project Description

Project #4 includes the rehabilitation of 27 sanitary sewer flow metering vaults. These metering vaults are located throughout Fairfax County and neighboring jurisdictions.

Total Project Estimate \$5,484,953
Future Funding \$4,688,635
Project Phase Design
Construction Award Spring - 2026
Project Complete Fall - 2027

Remarks

The design is 95% complete. Easement acquisition is expected to begin in Winter 2024.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 690-C69300
Project Number WW-000026-004
Project Name Carderock Gravity Sanitary Sewer Interceptor Rehabilitation

Project Description

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

Total Project Estimate \$3,938,149
Future Funding (\$795,078)
Project Phase Post-Construction
Construction Award 03/30/2023 (A)
Project Complete Spring - 2024

Remarks

The Project is complete and in the warranty phase. No warranty related issues have been reported.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 690-C69300
Project Number WW-000028-016
Project Name Little Pimmit Run Sewer Realignment

Project Description

The project will realign approximately 4,750 linear feet gravity sanitary sewer pipe to eliminate most stream crossings in Little Pimmit Run. This project is being coordinated with the concurrent Stream Restoration Project, Little Pimmit Run at Chesterbrook Road.

Total Project Estimate \$12,316,253
Future Funding \$11,097,233
Project Phase Design
Construction Award Spring - 2026
Project Complete Winter - 2028

Remarks

The 70% Design is in progress. Additional field work including topographic surveying, geotechnical investigations, and underground utility designating/locating are expected to occur in January and February 2025.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Dranesville

Fund 690-C69300
Project Number WW-000028-020
Project Name Gravity Sewers - Chain Bridge Vault Site Safety Upgrades
Project Description
Safety upgrades to a Sewer Siphon Vault located near Chain Bridge in Arlington County, Virginia.

Total Project Estimate \$240,348
Future Funding \$149,120
Project Phase Design
Construction Award Spring - 2025
Project Complete Summer - 2025

Remarks

The design is complete. Construction is anticipated to begin summer of 2025.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December