



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
September 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 \$541,762
Project Phase Post-Construction
Construction Award 09/17/2021 (A)
Project Complete 01/23/2023 (A)

Remarks

The construction warranty ended 1/23/2024. The final warranty plant replacements will be installed on 09/27/2024.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 \$6,829,540
Future Funding \$5,984,690
Project Phase Design

Construction Award

Project Complete

Remarks

The final design plan for the project was received from Stantec Consulting Services, Inc. (Stantec) on 5/29/24. Stantec concluded the Northern Long Eared Bat survey in mid-June and submitted the Joint Permit Application to the Army Corps of Engineers on 7/25/24. The Nationwide Permit is expected by 10/31/24.

Legend

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

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Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 \$8,056,901
Project Phase Design

Construction Award

Project Complete

Remarks

Staff received the revised Washington Gas (WGL) relocation plan on 8/21/24 and provided comments on 9/16/24. A draft relocation plan was received from Dominion on 9/11/24 and is under review.

Legend

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

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Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 Fall - 2024

Remarks
The contractor, FHP Tectonics Corp., submitted for the demolition permit on 9/17/24.

Legend

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

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Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 preliminary concept design was received from Rummel, Klepper and Kahl on 5/28/24. A design review meeting was held on 7/10/24. The preliminary concept design is under review by County staff.

Legend

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

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Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 \$1,820,538
Project Phase Design

Construction Award

Project Complete

Remarks

The County is pursuing easements from multiple property owners. Land Acquisition Division (LAD) sent out the offer packet to the property owner of 6330 Cross Street on 9/13/24. LAD also sent out a letter to the property owner of 6341 Linway Terrace on 9/18/24 to follow up on the 8/21/24 meeting.

Legend

(A) Actual
Winter - January, February, March
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Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 \$1,231,304
Project Phase Construction
Construction Award 03/19/2024 (A)
Project Complete Winter - 2026

Remarks

About 800 feet of sanitary sewer main has been installed on Lower Tucker Ave., completing the sanitary sewer main work. 15 sanitary lateral connections were completed on the north side of Lower Tucker Ave. All individual house water utility relocation work has been completed on Lower, Middle, and Upper Tucker Ave. All water main relocations affecting water service to dozens of homes have been completed on Lower, Middle, and Upper Tucker.

Legend

(A) Actual
Winter - January, February, March
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DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 \$11,227,000
Future Funding \$10,096,744
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

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Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 \$951,918
Project Phase Design

Construction Award

Project Complete

Remarks

The drainage design waiver was approved by Virginia Department of Transportation (VDOT) on 8/12/24. Staff are continuing the effort to obtain the VDOT Land Use Permit for this project. Utility coordination with Fairfax Water Authority is completed. Washington Gas relocation is currently being coordinated. Dominion Energy has issued a no conflict letter. Staff has submitted a final set of permit drawings to VDOT on 9/25/24.

Legend

(A) Actual
Winter - January, February, March
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Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 \$2,268,437
Project Phase Design
Construction Award
Project Complete
Remarks

Easement acquisition for this project has been completed and deeds were recorded on 8/12/24. Staff are working with the consultant, GKY & Associates, Inc., to update the existing proposal that will take the project through final design. The proposal is under review and staff are negotiating .

Legend

(A) Actual
Winter - January, February, March
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Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 Improvements. Staff is reaching out to property owners impacted by the potential improvements.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 held a community meeting on 8/22/24. The community supported only portions of the proposed design. Staff had a follow up meeting with the design engineer GKY & Associates, Inc. on 9/5/24. Staff is reaching out to individual property owners impacted by the remaining potential improvements .

Legend

(A) Actual
Winter - January, February, March
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Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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

Task order Y4-02 was authorized on 7/8/24 with McCormick Taylor Inc. to start the concept design. Survey began on 8/9/24 and 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
September 2024

Dranesville

Fund 400-C40101
Project Number SD-000033-174
Project Name Stormwater Management Facility (SWMF) Decommissioning Feasibility Study
Project Description
Evaluate the potential to decommission five stormwater management facilities (0117DP, 0043DP, 0246DP, 0143DP, 0948DP).

Total Project Estimate \$95,000
Future Funding TBD
Project Phase Pre-Design
Construction Award
Project Complete
Remarks

Task order Y4-07 was authorized on 3/6/24 with Stantec Consulting Services, Inc. (Stantec) to evaluate the potential to decommission five stormwater management facilities (0117DP, 0043DP, 0246DP, 0143DP, 0984DP). Site visit was conducted on 4/17/24. Report of finding and hydrology and hydraulics study was shared on 6/11/24. Stantec is to provided regulatory constraints along with the draft final on 7/19/24. Staff is reviewing the draft final report.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
September 2024

Dranesville

Fund 690-C69000
Project Number WW-000028-053
Project Name Madison Court Emergency Gravity Sewer Project

Project Description

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

Total Project Estimate \$1,123,467
Future Funding (\$29,007)
Project Phase Post-Construction
Construction Award 07/14/2023 (A)
Project Complete 10/04/2023 (A)

Remarks

Construction is complete and under warranty until 10/04/24.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 \$7,887,870
Future Funding (\$101,173)
Project Phase Construction
Construction Award 03/01/2023 (A)
Project Complete Fall - 2024

Remarks

Construction activities are underway. Construction is approximately 90% 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
September 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 \$5,948,994
Project Phase Construction
Construction Award 05/23/2022 (A)
Project Complete Fall - 2024

Remarks
Construction is completed. The pump station is being tested before substantial completion.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 \$3,849,770
Future Funding \$283,175
Project Phase Post-Construction
Construction Award 06/14/2021 (A)
Project Complete 07/01/2023 (A)

Remarks
Substantial completion dated 07/01/23.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 (\$323,896)
Project Phase Post-Construction
Construction Award 06/22/2022 (A)
Project Complete 02/20/2024 (A)

Remarks
Construction is complete and under warranty through 02/20/25.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 \$854,016
Future Funding (\$143,709)
Project Phase Construction
Construction Award 06/22/2022 (A)
Project Complete Fall - 2023

Remarks

Construction is complete and the new pumps are in operation. Final punchlist items 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
September 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 \$1,126,807
Future Funding (\$34,889)
Project Phase Construction
Construction Award 11/22/2023 (A)
Project Complete Fall - 2024

Remarks

Construction is in progress and project is anticipated to be completed in late November.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 \$5,876,918
Future Funding \$5,104,877
Project Phase Design
Construction Award Winter - 2026
Project Complete Summer - 2027

Remarks

The design is 95% complete. Easement plats are currently being prepared, with land acquisition is expected to begin in Fall 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
September 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 \$11,098,634
Project Phase Design
Construction Award Spring - 2026
Project Complete Winter - 2028

Remarks

Meetings with individual property owners have been completed. 70% Design will proceed in 10/2024.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
September 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 \$242,061
Future Funding \$156,120
Project Phase Design
Construction Award Winter - 2025
Project Complete Summer - 2025

Remarks

The design is complete. Construction is anticipated to be awarded 03/2025 and project is anticipated to be completed by 07/2025.

Legend

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

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