

DPWES CAPITAL PROJECT SUMMARY REPORT
September 2023

Hunter Mill

Fund 300-C30030
Project Number LB-000015-001
Project Name Patrick Henry Library
Project Description

Construction of a new library and garage to replace the existing library located at 101 Maple Avenue, Vienna.

Total Project Estimate \$23,000,000
Future Funding TBD
Project Phase Design
Construction Award Summer - 2024
Project Complete Spring - 2026

Remarks

A Value Engineering (VE) team conducted a Workshop on the week of 7/11/23. The VE recommendation memo was approved by the Building Design and Construction Division Director on 9/18/2023. BDB provided a project update to the Fairfax County Library Board of Trustees on 9/13/2023. BDB held a work session with the Vienna Board of Architectural Review on 9/28/2023. BDB will authorize the Construction Documentation phase of the project on 10/2/2023.

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 2023

Hunter Mill

Fund 400-C40101

Project Number SD-000031-214

Project Name Colvin Run Phase II @ Lake FFX PRK

Project Description

Stabilize/restore 4,468 linear feet of stream using natural channel design and riparian corridor enhancements for improvement of water quality.

Total Project Estimate \$3,750,000

Future Funding (\$2,074,529)

Project Phase Construction

Construction Award 09/07/2023 (A)

Project Complete Winter - 2025

Remarks

Contract had been executed and the pre-construction meeting had been scheduled for October 12, 2023.

Legend

(A) Actual

Winter - January, February, March

Spring - April, May, June

Summer - July, August, September

Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
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Hunter Mill

Fund 400-C40101
Project Number SD-000031-236
Project Name Old Courthouse Spr Br Ph 2

Project Description

Stabilize/restore ~ 1,900 lf of stream using natural channel design and riparian corridor enhancements for improvement of water quality. Replace stream culvert under the Ashgrove Lane Trail.

Total Project Estimate \$2,775,000
Future Funding \$2,769,769
Project Phase Design
Construction Award Fall - 2023
Project Complete Fall - 2024

Remarks

Stantec Consulting Services, Inc. submitted the revised 100% design plan on 09/19/2023. The design plan is scheduled to be authorized for construction by 10/10/2023.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
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Hunter Mill

Fund 400-C40101

Project Number SD-000031-252

Project Name Piney Trib @ Lamplighter Way

Project Description

Restore ~1,600 linear feet of stream using natural channel design and riparian corridor enhancements for improved water quality.

Total Project Estimate \$1,349,000

Future Funding \$1,341,392

Project Phase Design

Construction Award

Project Complete

Remarks

Staff from Fairfax County Stormwater and Reston Association met with community residents at the Pink Trail entrance at Center Harbor Road on 8/26/23 to talk about project design, community concerns and schedule. McCormick Taylor is scheduled to submit a 65% revised design by 10/16/23. Both a virtual and an onsite meetings will be scheduled for November 2023 to review the revised design with the community.

Legend

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DPWES CAPITAL PROJECT SUMMARY REPORT
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Fund 400-C40101
Project Number SD-000031-267
Project Name Monterey Section 3
Project Description

Decommissioning an existing storm water pond

Total Project Estimate \$330,000
Future Funding \$193,000
Project Phase Pre-Design

Construction Award

Project Complete

Remarks

Preliminary design was submitted 9/11/2023 and is under review. Project and access have existing easements.

Legend

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Winter - January, February, March
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Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
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Hunter Mill

Fund 400-C40101
Project Number SD-000031-271
Project Name Piney Branch Trib @ Freda Drive

Project Description

Stabilize ~2000 LF of stream on HOA property using natural channel design . Project will involve acquiring easements along the stream but construction access easements are already in place.

Total Project Estimate \$3,998,000
Future Funding \$3,997,151
Project Phase Pre-Design

Construction Award

Project Complete

Remarks

Proposal was submitted by Stantec on 9/13/2023 and is under review. The proposal is for a 35% concept design that includes archaeology and easement plats.

Legend

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DPWES CAPITAL PROJECT SUMMARY REPORT
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Fund 400-C40101

Project Number SD-000032-060

Project Name Sunset Hills Rd Drainage Improvements

Project Description

Construct a new culvert under the WO&D Trail and restore Colvin Run downstream for ~3,400 linear feet to convey increased storm flows, protect downstream property and improve water quality.

Total Project Estimate \$14,732,000

Future Funding \$14,732,000

Project Phase Design

Construction Award

Project Complete

Remarks

The project focus is shifting to include construction of a new culvert under the W& OD Trail and restoration of the Colvin Run below the trail down to Wiehle Avenue. Stantec, Inc. will begin design in Fall 2023.

Legend

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DPWES CAPITAL PROJECT SUMMARY REPORT
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Fund 690-C69300
Project Number WW-000005-004
Project Name Integrated Sewer Metering - Integrated Sewer Metering Project 4
Project Description

Project #4 includes the rehabilitation of 30 sanitary sewer flow metering vaults. These metering vaults are located throughout Fairfax County and neighboring jurisdictions.

Total Project Estimate \$8,447,819
Future Funding \$7,703,320
Project Phase Design
Construction Award Fall - 2024
Project Complete Fall - 2025

Remarks

The 95% design based on the reduced scope was submitted by the Architect/Engineer on 7/18/23. Title searches were completed by Land Acquisition Division on 9/26/23.

Legend

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DPWES CAPITAL PROJECT SUMMARY REPORT
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Fund 690-C69300
Project Number WW-000032-007
Project Name Gravity Sewer Capacity Improvements - Accotink Gravity Sewer Improvements
Project Description

The Accotink Interceptor (AI) is a 30 to 36-inch-diameter reinforced concrete pipe installed in 1978. Improvements will increase the wastewater carrying capacity of AI to convey 2045 peak flows.

Total Project Estimate \$61,023,896
Future Funding \$57,207,210
Project Phase Design
Construction Award Spring - 2024
Project Complete Summer - 2026

Remarks

70% design has been submitted and is currently under review by staff. Permit applications are currently being drafted.

Legend

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Winter - January, February, March
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DPWES CAPITAL PROJECT SUMMARY REPORT
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Hunter Mill

Fund 690-C69310
Project Number WW-000034-001
Project Name Wastewater Collection Division Expansion - Tysons East PS/GS/FM
Project Description

The project will include a new 10 MGD pump station, a new force main, and new gravity sewer. The actual location of the station has not been determined.

Total Project Estimate \$124,945,347
Future Funding \$124,110,841
Project Phase Pre-Design
Construction Award Winter - 2028
Project Complete Winter - 2030

Remarks

The Land Aquisition Division continues to work with the current owner on acquisition.

Legend

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Winter - January, February, March
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Fall - October, November, December

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Fund 690-C69310
Project Number WW-000034-004
Project Name Gravity Sewer Capacity Improvements - Tysons West
Project Description

The project (located in Tysons Corner) consists of a new 25 million gallons per day (MGD) wastewater pump station, five miles of 30" DIP forcemain, three miles of 48" gravity sewer, demolition of the existing pump station.

Total Project Estimate \$197,395,777
Future Funding \$183,874,425
Project Phase Design
Construction Award Winter - 2026
Project Complete Winter - 2029

Remarks

Demolition at the pump station site is substantially complete. The 95% design level submittals for the pump station were submitted and preparation for permit submittals is underway. Gravity sewer 70% design is underway. Force main alignment 35% design is underway. Geotechnical surveys continue.

Legend

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