
DPWES CAPITAL PROJECT SUMMARY REPORT
December 2022

Mason

Fund 300-C30010
Project Number HS-000021-001
Project Name Patrick Henry Shelter

Project Description

Demolition of the existing design and construction of a new facility to provide permanent supportive housing, located at 3080 Patrick Henry Drive, Falls Church.

Total Project Estimate \$12,000,000
Future Funding TBD
Project Phase Design
Construction Award Winter - 2023
Project Complete Fall - 2024

Remarks

The site and building plans are currently under permit review by Land Development Services. Building Design Branch is coordinating with A/E consultants on the preparation of the bid documents and with the Building Construction Branch on the invitation to pre-qualification of bidders prior to bid advertisement scheduled for spring 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
December 2022

Mason

Fund 300-C30030
Project Number LB-000016-001
Project Name George Mason Library

Project Description

Renovation and expansion of the existing George Mason Regional Library located at 7001 Little River Turnpike, Annandale. A feasibility study is currently underway to evaluate potential additional collocated uses.

Total Project Estimate \$15,000,000
Future Funding TBD
Project Phase Pre-Design

Construction Award

Project Complete

Remarks

Due to the existing Resource Protection Area on site, VMDO Architects (VMDO) recommended a wetlands delineation study to proceed further with concept options. Building Design Branch (BDB) approved the proposal for a wetlands delineation study in 11/22. VMDO submitted the wetlands report prepared by the environmental engineering consultants on 12/19/22. The civil consultants are scheduled to submit the report to the U.S. Army Corps of Engineers for jurisdictional determination in 1/23.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2022

Mason

Fund 300-C30070
Project Number FS-000057-001
Project Name West Annandale Volunteer Fire Station
Project Description
Replace the two-bay fire station located at 8914 Little River Turnpike, Annandale, VA.

Total Project Estimate \$15,000,000
Future Funding TBD
Project Phase Design
Construction Award Fall - 2023
Project Complete Fall - 2025

Remarks

FGM Architects (FGMA) design team continues to develop and refine the design for the permanent station. Per the Zoning Evaluation Division, a Special Exception Amendment (SEA) is required for the relocation of the communications equipment at the permanent site. FGMA is continuing to prepare exhibits required for the special exception amendment (SEA) application. The County Attorney's office is in the process of reviewing the draft SEA application .

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 2022

Mason

Fund 300-C30070
Project Number PS-000011-001
Project Name Operational Support Bureau
Project Description

Construction of a new, replacement Police Operational Support Bureau located at 3911 Woodburn Road, Annandale and associated site improvements.

Total Project Estimate \$37,500,000
Future Funding TBD
Project Phase Construction
Construction Award 06/06/2022 (A)
Project Complete Spring - 2025

Remarks

Temporary parking for DPSC west of the existing buildings completed. Stormwater and sanitary work on south and east portion of the site in progress. Demolition of existing metal garage structure completed. Selective demolition in areas of OSB building in progress. Haz mat removal at the lobby entrance canopy from the secure parking lot completed. Dominion Energy has removed all light poles on site. Temporary lighting installed to provide lighting in the parking area.

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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Mason

Fund 300-C30070
Project Number PS-000026-001
Project Name Mason Police Station
Project Description

Renovation, expansion, and site improvements to the Mason District Police station at 6507 Columbia Pike in Annandale.

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

Remarks

Interior finishes were approved after review by the Building Design Branch and the Police Department. The Architect submitted the Design Development document on 12/12/22. Cost estimates are due on 01/09/23.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2022

Mason

Fund 690-C69300
Project Number WW-000001-014
Project Name Pumping Stations - Holmes Run Pump Station Rehabilitation
Project Description
Rehabilitation of the Holmes Run Pump Station located at 6623 Dearborn Drive in Falls Church, VA.

Total Project Estimate \$20,326,509
Future Funding \$18,218,867
Project Phase Construction
Construction Award 09/19/2022 (A)
Project Complete Spring - 2024

Remarks

The construction contract was awarded to Kiewit Infrastructure South Co. on 9/19/22 and Notice-to-Proceed was issued on 11/1/22. The contractual substantial completion date is 6/10/24. The Contractor has been working on critical submittals and mobilization of the site is expected in January 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
December 2022

Mason

Fund 690-C69300
Project Number WW-000001-022
Project Name Pumping Stations - Lake Barcroft Odor Control
Project Description

Construction of Odor Control system for approximately a mile of sewer along Holmes Run near 3800 Powell Lane in Falls Church.

Total Project Estimate \$5,637,430
Future Funding \$5,103,989
Project Phase Design
Construction Award Fall - 2023
Project Complete Fall - 2024

Remarks

The A/E has completed the field survey and wetland delineation to support the design of the facilities. In addition to this, the A/E completed dispersion study to determine the relative optimum stack height and diameter. The floodplain evaluation, to determine the location for the vapor-phase odor control system was completed.

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 2022

Mason

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 49 sanitary sewer flow metering vaults. These metering vaults are located throughout Fairfax County and neighboring jurisdictions.

Total Project Estimate \$8,493,036
Future Funding \$7,774,691
Project Phase Design
Construction Award Winter - 2024
Project Complete Spring - 2025

Remarks

The A/E submitted the 70% Design on 12/30/22 and the 70% Design Review Workshop is scheduled for 1/17/23.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
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Mason

Fund 690-C69300
Project Number WW-000028-002-C
Project Name Gravity Sewers - Slipline Replacement #3 (Celadon Lane)

Project Description

The project involves the replacement of approximately 1,700 linear feet of defective 6-inch slip-lined sanitary sewer pipes. Relocation of approximately 900-linear feet of sewer main from backyards to the street and re-routing of 13 sewer service lines is also included.

Total Project Estimate \$5,378,478
Future Funding \$887,037
Project Phase Construction
Construction Award Fall - 2021
Project Complete Winter - 2024

Remarks

The Construction Notice to Proceed was issued on 10/26/22, with an anticipated completion date of 1/19/24.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
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Mason

Fund 690-C69300
Project Number WW-000028-002-F
Project Name Gravity Sewers - Indian Run Gravity Sewer

Project Description

Previously buried sewer pipes and manholes are now fully exposed to the stream flows due to stream erosion. This project will remove this stream crossing by re-routing sewer segments. A bank stabilization effort to protect sewer assets will also take place as part of this project .

Total Project Estimate \$3,661,347
Future Funding \$3,415,734
Project Phase Design
Construction Award Spring - 2022
Project Complete Winter - 2023

Remarks

The bid advertisement was on 11/ 29/22. The bid opening is expected on 1/17/23.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2022

Mason

Fund 690-C69300
Project Number WW-000028-007
Project Name Gravity Sewers - Small Diameter Sewer Replacement #2 (Sewer Sag #2)

Project Description
Design for replacement of 7 small-diameter defective sewer pipes.

Total Project Estimate \$8,479,951
Future Funding \$8,069,312
Project Phase Design
Construction Award Winter - 2023
Project Complete Winter - 2024

Remarks

The A/E addressed all comments and delivered the revised bid ready documents. Waiting for VDOT and Land Disturbance permits.

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 2022

Mason

Fund 690-C69300
Project Number WW-000028-023
Project Name Gravity Sewers - Crooks Branch Gravity Sewer
Project Description

Replace two 8-inch sewer lines crossing Crook Branch (approx. 436 LF) and rehabilitate four manholes.

Total Project Estimate \$152,500
Future Funding \$135,471
Project Phase Post-Construction
Construction Award 11/13/2021 (A)
Project Complete 06/14/2022 (A)

Remarks

This is a Utilities Design and Construction Division project. All lines have been accepted by Wastewater Collection Division. Hopke's subcontractor finished lining all four manhole structures. Waiting for the final Closed Circuit Television (CCTV) Reports for the newly accepted lines at the end of the project. The contractor is finishing the stream bed grade and stream restoration efforts in the area.

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 2022

Mason

Fund 690-C69300
Project Number WW-000028-035
Project Name Gravity Sewers - Spring Valley Emergency Gravity Sewer Project

Project Description

The Spring Valley Emergency Gravity Sewer Repair project is located at 6599 Spring Valley Road in Alexandria. This 15" asbestos pipe is approximately 100 linear feet and is an areal crossing over Indian Run Stream Valley. There is currently an elevated risk of this pipe to fail due to future wet weather and stream flooding which will cause a sanitary sewer overflow.

Total Project Estimate \$1,541,000
Future Funding \$1,524,063
Project Phase Post-Construction
Construction Award
Project Complete 11/29/2022 (A)

Remarks

Wastewater Design and Construction Division and Wastewater Collection Division (WCD) held a meeting on 11/29/2022 where it was determined that due to a lack of easement for the gravity sewer additional stream would not be currently installed. WCD would monitor the crossing during the Spring of 2023. It was agreed this stream needed a full stream restoration by the SWMD. The project was substantially completed on 11/29/2022.

Legend

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

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

DPWES CAPITAL PROJECT SUMMARY REPORT
Dec 2022

Mason

Fund 400-C40101

Project Number/SubProject Number SD-000031-166 0

Project Name Stream & Water Quality Improvements Coon Branch @ Annandale Park (AC82-0002)

Project Description
Restore ~1,900 linear feet of Coon Branch using natural channel design for improved water quality.

Total Project Estimate (\$k) 6,080

Future Funding (\$k)

Current Status Construction

Construction Award Fall - 2022

Project Complete Spring - 2024

Remarks

Final permits were obtained on 9/13/22. Construction pre-bid meeting is scheduled for 12/22/22, and bid opening for 1/10/23.

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

DPWES CAPITAL PROJECT SUMMARY REPORT
Dec 2022

Mason

Fund 400-C40101

Project Number/SubProject Number SD-000031-185 0

Project Name Stream & Water Quality Improvements Backlick Run@Bren Mar Drive Seg2(CA9205A)

Project Description

Stabilize ~2,360 linear feet of Backlick Run to mitigate channel lateral migration and improve water quality

Total Project Estimate (\$k) 10,825

Future Funding (\$k) 8,400

Current Status Land Acquisition

Construction Award TBD

Project Complete TBD

Remarks

Final design deliverable from Wetland Studies and Solutions, Inc. is on hold pending easement acquisition from Norfolk Southern Corp.

DPWES CAPITAL PROJECT SUMMARY REPORT
Dec 2022

Mason

Fund 400-C40101

Project Number/SubProject Number SD-000031-211 0

Project Name Stream & Water Quality Improvements Coon BR & TRIB @Annandale Pk AC82-00002AB

Project Description
Restore ~2,500 linear feet of Coon Branch using natural channel design for improved water quality.

Total Project Estimate (\$k) 4,083

Future Funding (\$k) 3,035

Current Status Land Acquisition

Construction Award TBD

Project Complete TBD

Remarks

Design by Stantec Consulting Services, Inc. is currently on hold while Land Acquisition Division works to obtain all necessary easements.

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

DPWES CAPITAL PROJECT SUMMARY REPORT
Dec 2022

Mason

Fund 400-C40101

Project Number/SubProject Number SD-000031-216 0

Project Name Stream & Water Quality Improvements Crook Br @ Prosperity Ave (AC82-0013)

Project Description

Restore ~1,700 linear feet of stream channel using natural channel design to improve water quality.

Total Project Estimate (\$k) 3,470

Future Funding (\$k) 2,500

Current Status Land Acquisition

Construction Award TBD

Project Complete TBD

Remarks

Design by Wetland Studies and Solutions, Inc. is currently on hold while Land Acquisition Division works to obtain all necessary easements.

DPWES CAPITAL PROJECT SUMMARY REPORT

Dec 2022

Mason

Fund 400-C40101

Project Number/SubProject Number SD-000031-232 0

Project Name Holmes Run Village Sec 2
(AC9171/0106DP)

Project Description
Retrofit detention basin for improved water quality.

Total Project Estimate (\$k) 993

Future Funding (\$k) 699

Current Status Design

Construction Award TBD

Project Complete TBD

Remarks

A. Morton Thomas & Associates, Inc. submitted the 95% design plan on 12/14/22. Comments for 95% design are scheduled to be returned by 1/20/23.

DPWES CAPITAL PROJECT SUMMARY REPORT
Dec 2022

Mason

Fund 400-C40101

Project Number/SubProject Number SD-000031-233 0

Project Name Lafayette Village Sec 1
(AC9170/0314DP)

Project Description
Retrofit detention basin to improve water quality and stabilize ~1000 lf of stream channel.

Total Project Estimate (\$k) 2,371

Future Funding (\$k) 1,943

Current Status Land Acquisition

Construction Award TBD

Project Complete TBD

Remarks

Concept Design by Stantec Consulting Services, Inc. is currently on hold while Land Acquisition Division works to obtain all necessary easements.

DPWES CAPITAL PROJECT SUMMARY REPORT
Dec 2022

Mason

Fund 400-C40101

Project Number/SubProject Number SD-000031-242 0

Project Name Turkeycock Creek @ Brookside Office
Park

Project Description
Stabilization of 340 linear feet of stream channel downstream of a road culvert. Design and installation of a retaining wall.

Total Project Estimate (\$k) 1,454

Future Funding (\$k)

Current Status Construction

Construction Award Spring - 2023

Project Complete Winter - 2024

Remarks

The building permit package was approved on 5/12/22, and the bid package is being finalized.