

DPWES CAPITAL PROJECT SUMMARY REPORT
September 2023

Providence

Fund 300-C30010
Project Number CF-000008-001
Project Name Historic Courthouse Wings Demolition

Project Description

The demolition of the two 1950's wings and Sallyport at the rear of the Historic Courthouse building and restoration of the affected building , systems, and site areas per the approved 2019 Judicial Complex Master Plan.

Total Project Estimate \$7,500,000
Future Funding TBD
Project Phase Construction

Construction Award

Project Complete

Remarks

The bid was advertised on 7/10/2023, pre-bid meeting was held on 7/18, and bid was opened on 9/6. Bids were received from W. M. Schlosser Company Inc. and Henley Construction Co. W.M. Schlosser Company Inc. is the apparent lowest bidder.
NIP items are currently being processed. Contract Award will follow NIP approval.

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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Providence

Fund 300-C30010
Project Number GF-000066-001
Project Name Judicial Complex Building One
Project Description

A proposed mixed-use building to include the replacement of the Police Evidence Storage and the relocation of several supporting programs as part of Phase I of the Judicial Complex Master Plan.

Total Project Estimate \$195,000,000
Future Funding \$176,050,000
Project Phase Design
Construction Award
Project Complete
Remarks

The Design Development (DD) submission was received on 7/28/23. DD comments were sent on 8/25/2023, & responses were received on 9/8/2023. Value Engineering (V/E) session was held through the week of 8/7/2023. V/E recommendation and acceptance coordination under way. The site design as it relates to the alignment of West Street was resolved between the County, Fairfax City and Fairfax County Department of Transportation.

Legend

(A) Actual
Winter - January, February, March
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DPWES CAPITAL PROJECT SUMMARY REPORT
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Providence

Fund 300-C30010

Project Number HS-000038-001

Project Name The Bulova Center Renovations (Merrifield)

Project Description

Phased renovations to The Bulova Center (Merrifield) Lower Level to accommodate additional requirements for the Community Response Team and the new Medical Clearance Program.

Total Project Estimate \$4,030,000

Future Funding TBD

Project Phase Design

Construction Award

Project Complete

Remarks

First Submission comments from Land Development Services (LDS) for Phase 1 were received on 7/27/23, and comments for Phase 2 were received on 7/28/23. Second Submission drawings are scheduled to be submitted to LDS on 9/27/23. Permit approval is anticipated by mid-October with the authorization of a Job Order Contract (JOC) by late October.

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 2023

Providence

Fund 300-C30070
Project Number 2G25-103-002
Project Name Tysons Urban Police Station Feasibility

Project Description
Feasibility Study for an urban police station in the Tysons area.

Total Project Estimate \$150,000
Future Funding TBD
Project Phase Pre-Design

Construction Award

Project Complete

Remarks

The Building Design Branch assessed the 8608 Leesburg Pike, Vienna site as a co-located facility with the proposed Wastewater Pump Station and presented preliminary findings to the Using Agency in February 2023. Alternate sites will need to be evaluated due to limited space and access. The project is expected to be part of the 2030 Bond Referendum.

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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Providence

Fund 300-C30070
Project Number AD-000002-002
Project Name Adult Detention Center-2018; Security Upgrades
Project Description

Upgrade of security systems at the Adult Detention Center . This is a sub-project to the Adult Detention Center - 2018 project. This sub-project includes a new Control Booth, new cameras and intercoms, replacement or upgrades to security doors and replacement of fire alarm system. The project will be completed in phases.

Total Project Estimate \$41,700,000
Future Funding \$8,300,000
Project Phase Construction
Construction Award 09/01/2022 (A)
Project Complete Summer - 2025

Remarks

Package B, East Building new CB-1 program space envelope is completed. CB-1 A/E Punch list has been issued and 50% completed. CB-1 custom Furniture package installation is completed. Package N Change Order # 008 work to replace the North Building Air Handlers 3 & 8 has been approved, Branch Builds and is currently developing the detailed schedule for this work.

Legend

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

DPWES CAPITAL PROJECT SUMMARY REPORT

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Providence

Fund 300-C30070
Project Number AD-000002-003
Project Name Adult Detention Center - 2018 - Capital Renewal
Project Description

CAPITAL RENEWAL - Replacement of priority mechanical and electrical systems at the Adult Detention Center . This sub-project is part of the Adult Detention Center - 2018 Project. This sub-project includes replacement of hot water systems in North building, air handlers in the West and North buildings and miscellaneous electrical upgrades.

Total Project Estimate \$35,100,000
Future Funding \$18,500,000
Project Phase Design
Construction Award Summer - 2025
Project Complete Summer - 2027

Remarks

Design Development documents for all Packages G-M (North HVAC & HW Plant, East Rooftop Units, East/West Air Handlers, and CB-1 Conversion) have been completed. Design of two air handlers in the North (3 & 8) has been expedited. Package N change order has been approved to be included with Electronic Security contract. Packages G-H (North Building) is in the Construction Document phase (8590% complete). All work is scheduled for construction in 2025 after completion of Electronic Security.

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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Providence

Fund 300-C30070
Project Number FS-000042-001
Project Name Tysons Fire Station

Project Description

Redevelopment of transit site located at 8300 Jones Branch Drive, McLean, VA, to incorporate a permanent approximately 20,000 SF, five-bay fire station and seven-bay bus transit facility, associated buildings and roadway improvements.

Total Project Estimate \$21,000,000
Future Funding \$15,600,000
Project Phase Design
Construction Award Fall - 2024
Project Complete Summer - 2026

Remarks

The coordination with the Construction Manager at Risk began with the start of the Design Development (DD) phase on 6/2/23. Grimm + Parker Architects issued the completed DD package on 8/30/23. The Value Engineering workshop took place on the week of 9/18/23. The zoning application passed the acceptance review on 9/15/23 and is now in zoning review.

Legend

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Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
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Providence

Fund 400-C40101
Project Number SD-000031-135
Project Name Crook Branch @ Mantua Elementary

Project Description

Restore ~3,900 linear feet of stream channel using natural channel design to improve water quality. Remove and replace gravity sanitary sewer. Remove and replace water main. Remove and replace a pedestrian bridge

Total Project Estimate \$5,266,100
Future Funding \$660,868
Project Phase Construction
Construction Award 10/01/2021 (A)
Project Complete Summer - 2023

Remarks

Construction is 95% complete and substantial completion is pending.

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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Providence

Fund 400-C40101
Project Number SD-000031-219
Project Name Long Branch North @ Arlington Blvd & Robin Rdg
Project Description
Restore ~4,500 linear feet of stream channel and enhance the riparian corridor to improve water quality

Total Project Estimate \$5,879,800
Future Funding \$5,116,145
Project Phase Design
Construction Award
Project Complete
Remarks

A 65% design review meeting was held on 6/15/23. Wetland Studies and Solutions, Inc. is scheduled to submit the 95% plan on 10/20/23.

Legend

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

DPWES CAPITAL PROJECT SUMMARY REPORT
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Providence

Fund 400-C40101
Project Number SD-000031-226
Project Name Pimmit Run @ George C Marshall HS
Project Description
Restore ~2,000 linear feet of stream channel and enhance the riparian corridor to improve water quality

Total Project Estimate \$3,996,000
Future Funding \$3,060,439
Project Phase Design
Construction Award
Project Complete
Remarks

A concept design plan was received from Wetland Studies and Solutions, Inc. on 8/7/20. Easement plats were prepared and provided to Land Acquisition Division. Development of the 65% design plan is on hold pending land acquisition.

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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Providence

Fund 400-C40101
Project Number SD-000031-238
Project Name Rocky Branch @ Hickory Hollow
Project Description
Restore ~3,430 lf of stream channel and enhance the riparian corridor to improve water quality.

Total Project Estimate \$6,482,000
Future Funding \$5,903,108
Project Phase Design
Construction Award Fall - 2023
Project Complete Winter - 2025

Remarks

A final design plan from Wetland Studies and Solutions, Inc. (WSSI) was received on 9/8/23. The plan is being reviewed for completeness..

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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Providence

Fund 400-C40101
Project Number SD-000031-239
Project Name Rocky Br Trib @ Ashlawn Park
Project Description
Restore ~1,740 lf of stream channel and enhance the riparian corridor to improve water quality.

Total Project Estimate \$2,449,000
Future Funding \$525,320
Project Phase Construction
Construction Award 04/21/2023 (A)
Project Complete Spring - 2024

Remarks

NTP was issued and work started on 8/15/23. The construction is 5% 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
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Providence

Fund 400-C40101

Project Number SD-000031-250

Project Name Scotts Run @ Dolley Madison Blvd (SC82-0004)

Project Description

Restoration of ~2400 LF of stream channel between Scotts Crossing Road and Dulles Toll Road and enhance the riparian corridor to improve water quality.

Total Project Estimate \$4,862,000

Future Funding \$4,317,223

Project Phase Design

Construction Award

Project Complete

Remarks

The concept design plans were submitted by McCormick Taylor, Inc. (MT) on 7/7/23. Staff met with MT on 9/13/23 to review design comments. MT working to submit 65% design on 12/13/23.

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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Providence

Fund 400-C40101
Project Number SD-000033-106
Project Name Circle Woods Sec 2 (0217DP) Pond Improvement

Project Description

- Facility maintenance and repairs:
 - Repair of the dams and tree removal
 - Repair of the outfall and outfall channel
 - Repair of failing inflow pipes
 - Removal of accumulated sediment
- Facility Improvements:
 - Installation of inflow plunge pools
 - Armoring the pond floor low flow path
 - Replacement of the riser structure and Principal Spillway Pipe

Total Project Estimate TBD
Future Funding TBD
Project Phase Construction
Construction Award 10/14/2022 (A)
Project Complete Fall - 2023

Remarks

Project was previously on hold due to stop work for Hawk's nest and resumed July 10, 2023. The project is about 95% 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
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Providence

Fund 690-C69300
Project Number WW-000001-017
Project Name Pumping Stations - Oak Marr Pump Station Rehabilitation
Project Description
Built in 1986, pump station has capacity of 0.25 MGD. Project will rehabilitate the pump station.

Total Project Estimate \$4,506,521
Future Funding \$261,750
Project Phase Construction
Construction Award 05/30/2023 (A)
Project Complete Summer - 2024

Remarks

Preconstruction activities are underway. The A/E is reviewing submittals. RFIs are being addressed.

The construction phase has 0 percent of the work in place.

Construction activities will start in Mid-October 2023.

Legend

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

DPWES CAPITAL PROJECT SUMMARY REPORT
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Providence

Fund 690-C69300

Project Number WW-000001-028

Project Name Pumping Stations - Penderbrook and Wesley House Pump Station

Project Description

Rehabilitation of two pump stations (Penderbrook and Wesley House), consisting of replacement of major equipment and necessary upgrades to accommodate flow increase.

Total Project Estimate \$6,035,489

Future Funding \$5,448,785

Project Phase Design

Construction Award

Project Complete

Remarks

AE worked on completing the Wesley House Pump Station design changes. AE submitted 70% design documents and County.

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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Providence

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

(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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Providence

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 \$6,697,082
Future Funding \$6,272,034
Project Phase Design
Construction Award Winter - 2023
Project Complete Winter - 2024

Remarks

Contractor is working on Alternate Bid and additional comments to bid ready documents.

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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Providence

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

(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

Providence

Fund 690-C69300
Project Number WW-000032-008
Project Name Gravity Sewer Capacity Improvements - Lakevale Estates Collection Improvements
Project Description

A Preliminary Engineering Report (PER) is needed for the hydraulic improvements to the Lakevale Estates Pump Station and the existing gravity sewer system upstream and downstream of the Lakevale Estates Pump Station to identify the improvements needed to address sewer surcharging downstream of the existing pump station.

Total Project Estimate \$6,623,929
Future Funding \$5,745,696
Project Phase Design
Construction Award Winter - 2024
Project Complete Spring - 2025

Remarks

The consultant the SOW is being updated to incorporate the findings of the VE study. The design phase has 35% of the work in place.

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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Providence

Fund 690-C69300
Project Number WW-000032-009
Project Name Gravity Sewer Capacity Improvements - Merrifield Gravity Sewer Capacity Upgrade
Project Description

This project aims to upsize approximately 600 LF of 12-inch diameter gravity sewer serving the Merrifield area.

Total Project Estimate \$6,000,436
Future Funding \$5,279,347
Project Phase Design
Construction Award Winter - 2023
Project Complete Fall - 2023

Remarks

Three out of four easements were acquired via negotiations. The last property was acquired via condemnation at the September 12, 2023, BOS hearing. Bid documents are being adjusted with updated survey data.

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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Providence

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

(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

Providence

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

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

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