
DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 400-C40000

Project Number/SubProject Number TF-000014-001 0

Project Name Fairfax Connector – Huntington
Operating Facility

Project Description

Includes the addition of 2 maintenance bays, a service area, site upgrades, & limited building upgrades to the existing Huntington facility located at 8101 Cinder Bed Rd., Lorton.

Total Project Estimate (\$k) 6,000

Future Funding (\$k)

Current Status Construction

Construction Award 8/3/2015 (A)

Project Complete Winter - 2017

Remarks

Final treatment of concrete hardener installation on slab-on-grade at Maintenance Bays and Storage Area is scheduled for the end of 10/16. Installation of equipment in the new maintenance bays is continuing. Pre-Manufactured Metal Storage Building erection is completed. Remaining work to complete is the interior renovations in the locker rooms which will start shortly. Overhead door installation is nearing completion.

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

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 400-C40011

Project Number/SubProject Number TF-000023-001 0

Project Name Lorton VRE Parking Lot Expansion

Project Description

Addition of approximately 150 parking spaces and associated site work to the existing Lorton VRE Parking Lot.

Total Project Estimate (\$k) 2,031

Future Funding (\$k)

Current Status Construction

Construction Award 7/13/2016 (A)

Project Complete Fall - 2016

Remarks

The contractor has completed the curb and gutter, base paving, and most of the sidewalk installation. The contractor is currently coordinating with its landscaper and Dominion Virginia Power to complete landscaping and streetlight installation.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 400-C40101

Project Number/SubProject Number SD-000037-001 0

Project Name Huntington Flood Mitigation

Project Description

Design and construction of a 2,800 foot-long levee and pumping station to mitigate flooding from Cameron Run in the Huntington neighborhood.

Total Project Estimate (\$k) 30,225

Future Funding (\$k)

Current Status Design

Construction Award Fall - 2016

Project Complete Spring - 2019

Remarks

The project was advertised for bid on 8/11/16. Bids were received and opened on 10/06/16. The low bid is currently being reviewed. Contract award is scheduled for 12/16 with construction beginning in 1/17.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 300-C30010

Project Number/SubProject Number 2G25-085-001 0

Project Name Workhouse Arts Foundation Museum

Project Description
Interior renovation of the 8,433 square feet Prison Museum Buildings W-2 and W-2A.

Total Project Estimate (\$k) 1,692

Future Funding (\$k) 1,442

Current Status Design

Construction Award Fall - 2016

Project Complete Winter - 2017

Remarks

The Building Design and Construction Division is working with the Workhouse Arts Foundation (WAF) to review the construction documents, the construction contract, and provide oversight of the construction process. Fairfax County and the WAF are currently working on a Memorandum of Understanding to define the requirements for the design and construction of the museum.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 300-C30010

Project Number/SubProject Number 2G25-098-000 0

Project Name Laurel Hill Adaptive Reuse

Project Description

Shared infrastructure to support the adaptive reuse of the historical facilities & new development at Laurel Hill. The project includes Phase I and Phase II construction.

Total Project Estimate (\$k) 12,765

Future Funding (\$k) 12,765

Current Status Construction

Construction Award 7/28/2015 (A)

Project Complete Summer - 2019

Remarks

Utility connections for stormwater, sanitary, & water service is about 80% complete. Roads curb and gutter and paving is underway. The adaptive reuse renovations of existing building by Alexander Co. are underway and model units will open in late October/early November 2016. The overall phase 1 infrastructure work is 75% complete.

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

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 300-C30010

Project Number/SubProject Number GF-000019-000 0

Project Name Events Center

Project Description

Renovation of the approximately 36,000 square feet Events Center, Building W-1, on the Workhouse Arts Foundation complex at 9500 Work House Way, Lorton.

Total Project Estimate (\$k) 10,000

Future Funding (\$k) 7,000

Current Status Pre-Design

Construction Award

Project Complete

Remarks

The Building Design Branch (BDB) selected LeMay Erickson Willcox Architects (LEWA) from the Architectural/Engineering Basic Ordering Agreement to provide design services for the project. A meeting with the Fairfax County Park Authority, Workhouse Arts Foundation, Department of Management and Budget, BDB, and LEWA was held on 9/15/16, to discuss the scope and potential uses for the facility.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 300-C30070

Project Number/SubProject Number FS-000011-001 0

Project Name Lorton Volunteer Fire Station

Project Description

Demolition of the existing fire station and construction of a new fire station located at 7701 Armistead Road, Lorton, and associated site improvements.

Total Project Estimate (\$k) 13,765

Future Funding (\$k)

Current Status Design

Construction Award Spring - 2017

Project Complete Fall - 2019

Remarks

Comments on 50% construction document (CD) submission was coordinated with LDS on 09/02/16. Off site easement plat has been prepared and the code modification agreement for building on multiple lots have been submitted in 09/16. The 100% CDs are scheduled to be submitted in 10/16.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 300-C30070

Project Number/SubProject Number FS-000015-001 0

Project Name Penn Daw Fire Station

Project Description

Renovation/expansion of the Fire Station and associated site improvements. The project requires a temporary facility during construction.

Total Project Estimate (\$k) 10,000

Future Funding (\$k)

Current Status Pre-Design

Construction Award TBD

Project Complete TBD

Remarks

The Not-In-Package (NIP) documentation for architectural and engineering services with BKV Group, Inc. for the project is finalized and is being routed for approval.

A meeting is scheduled with the Building Design Branch, Fire and Rescue, Site Owner, and Department of Planning and Zoning to discuss site specifics on 10/21/16.

A project kick off meeting is scheduled for 10/24/16.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 300-C30070

Project Number/SubProject Number FS-000016-001 0

Project Name Woodlawn Fire Station

Project Description

Renovation/expansion of the Fire Station and associated site improvements. The project requires a temporary facility during construction.

Total Project Estimate (\$k) 10,000

Future Funding (\$k)

Current Status Pre-Design

Construction Award TBD

Project Complete TBD

Remarks

Approval of the design Firm occurred on 5/24/16. A delayed start date of 9/16 was planned to stagger work on the five fire stations that were awarded at that time. In 8/16, the Building Design Branch (BDB) met with the Using Agency to define the project scope. Based on the discussion, the BDB forwarded a draft contract and Request for Proposal to BKV Architects on 9/30/16.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 400-C40101

Project Number/SubProject Number SD-000031-128 0

Project Name Stream & Water Quality Improvements Gunston Corner Wet Pond at Laurel Hill

Project Description

Stabilize the wet pond embankment/spillway to enhance water quality.

Total Project Estimate (\$k) 1,810

Future Funding (\$k) 1,430

Current Status Pre-Design

Construction Award TBD

Project Complete TBD

Remarks

The feasibility study is complete. A design task order is under negotiation with Dewberry Consultants LLC and scheduled for approval by 10/28/16.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 400-C40101

Project Number/SubProject Number SD-000031-152 0

Project Name Stream & Water Quality Improvements Lower Potomac Ballpark (1549DP)

Project Description

Retrofit detention basin with high and low marsh for improved water quality and stabilize 150 lf of outfall channel.

Total Project Estimate (\$k) 790

Future Funding (\$k) 635

Current Status Design

Construction Award TBD

Project Complete TBD

Remarks

The 95% plan review comments are due to Bowman Consulting Group by 10/28/16. Final design plan is due by 12/10/16.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 400-C40101

Project Number/SubProject Number SD-000031-168 0

Project Name Stream & Water Quality Improvements Hunting Creek @ Fairchild (BE82-0002)

Project Description

Restore/stabilize 1,200 lf of outfall channel and enhance the riparian corridor to improve water quality.

Total Project Estimate (\$k) 1,825

Future Funding (\$k) 1,275

Current Status Pre-Design

Construction Award TBD

Project Complete TBD

Remarks

Design task order with Wetland Studies and Solutions Inc. was authorized 9/16/16. The conceptual design is scheduled to be delivered 1/13/17.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 300-C30090

Project Number/SubProject Number SD-000002-002 0

Project Name Bell Haven Watershed West Potomac HS (BE9100)

Project Description

Retrofit detention basin with high and low marsh for improved water quality.

Total Project Estimate (\$k) 710

Future Funding (\$k)

Current Status Construction

Construction Award 9/19/2016 (A)

Project Complete Winter - 2017

Remarks

Annual construction task order to Pitt Construction was approved on 9/19/16. Notice-to-proceed is scheduled to be issued by 11/1/16.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 690-C69300

Project Number/SubProject Number WW-000001-00 0

Project Name Pumping Stations Pumping Stations Emergency Bypass

Project Description

Installation of emergency force main bypasses at Accotink Creek and Little Hunting Creek pump stations.

Total Project Estimate (\$k) 1,000

Future Funding (\$k)

Current Status Design

Construction Award Winter - 2017

Project Complete Winter - 2018

Remarks

Pure Technologies submitted a report on the type of pipe entering the pump station. The A/E is reviewing the report and will finalize design. Construction documents are being finalized for 11/16.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 690-C69300

Project Number/SubProject Number WW-000001-01 0

Project Name Pumping Stations Giles Run Pumping Station Rehab

Project Description

Rehabilitation of Giles Run Pump Station to replace existing equipment in need of upgrades, modify control building, and increase design capacity to 2.0 MGD.

Total Project Estimate (\$k) 2,101

Future Funding (\$k) 2,001

Current Status Construction

Construction Award 8/1/2016 (A)

Project Complete Summer - 2017

Remarks

Notice-to-proceed for construction occurred on 8/1/16. Shop drawing submittals for long-lead equipment have been approved and the contractor has submitted a cost-loaded schedule. The project is on track to be completed by 8/17.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 690-C69300

Project Number/SubProject Number WW-000001-01 0

Project Name Pumping Stations Little Hunting Creek Pump Station Rehabilitation

Project Description

Rehabilitation of the Little Hunting Creek Pump Station. This pump station went online in 1984, and most of the equipment is original and in vital need of replacement.

Total Project Estimate (\$k) 0

Future Funding (\$k)

Current Status Pre-Design

Construction Award TBD

Project Complete TBD

Remarks

Project is currently in the study phase to determine the extent of design scope. Final Preliminary Engineering Report is due by 10/26/16. Dewberry has been selected to provide design for this project utilizing its Basic Ordering Agreement.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 690-C69300

Project Number/SubProject Number WW-000008-00 0

Project Name Force Main Rehabilitation Accotink/LHC Force Main

Project Description

Spot repair of a 20-foot section of existing 42 inch diameter Accotink force main and two 20-foot sections of 30 inch diameter Little Hunting Creek force main.

Total Project Estimate (\$k) 1,842

Future Funding (\$k)

Current Status Construction

Construction Award 9/29/2015 (A)

Project Complete Winter - 2017

Remarks

Little Hunting Creek force main retesting was completed to pinpoint the location of the sections containing the wire breaks. The contractor remobilized at the Wessynton site on 9/15/16, & excavated at the section identified by the retesting. Section was successfully located & the Fiber Wrap work was completed on 10/10/16. Contractor is restoring & demobilizing & plans to mobilize at the Good Shepherd Church location next.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 690-C69300

Project Number/SubProject Number WW-000009-00 0

Project Name Noman Cole Treatment Plant Renewal Motor Control Center and Distribution Center Replacements

Project Description

Replacement, refurbishment, and/or modification of electrical distribution centers and motor control centers plant-wide and related work.

Total Project Estimate (\$k) 103,000

Future Funding (\$k) 81,870

Current Status Construction

Construction Award Spring - 2016

Project Complete Spring - 2022

Remarks

Construction is in progress. Building V has been demolished and Dominion Virginia Power is installing primary duct banks.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 690-C69300

Project Number/SubProject Number WW-000009-01 0

Project Name Noman Cole Treatment Plant Renewal Raw Wastewater Pumping Rehabilitation

Project Description

Evaluation for rehabilitation of B & B2 sewage pump stations and condition assessment of the utilities related to these pump stations at NCPCP.

Total Project Estimate (\$k) 77,800

Future Funding (\$k) 76,773

Current Status Pre-Design

Construction Award TBD

Project Complete TBD

Remarks

A/E contract has been executed and study is in progress.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 690-C69300

Project Number/SubProject Number WW-000009-01 0

Project Name Noman Cole Treatment Plant Renewal Facility Optimization Program

Project Description

Preparation of a detailed space needs assessment and master plan for nine non-process buildings, as well as other related services.

Total Project Estimate (\$k) 76,907

Future Funding (\$k) 76,907

Current Status Pre-Design

Construction Award TBD

Project Complete TBD

Remarks

A/E contract has been executed. A draft space program and code analysis report were completed and submitted for review.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 690-C69310

Project Number/SubProject Number WW-000009-00 0

Project Name Noman Cole Treatment Plant Renewel Primary and Secondary Processes Rehabilitation

Project Description

Rehabilitation of the primary and secondary treatment processes which includes primary clarifiers, sludge tanks, and other major equipment upgrades.

Total Project Estimate (\$k) 237,400

Future Funding (\$k) 237,400

Current Status Pre-Design

Construction Award TBD

Project Complete TBD

Remarks

A/E contract has been executed and study is underway.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 690-C69310

Project Number/SubProject Number WW-000016-00 0

Project Name Noman Cole Treatment Plant Upgrade ENR Package 5 - Filters Rehabilitation Phase II

Project Description

Rehabilitation of the gravity filtration & backwash system at building DD, waste backwash pumps & tanks at building EE.

Total Project Estimate (\$k) 30,716

Future Funding (\$k)

Current Status Design

Construction Award Spring - 2017

Project Complete Summer - 2019

Remarks

The 95% Design review comments are being addressed and the site and building permit applications have been submitted for review by LDS.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 690-C69310

Project Number/SubProject Number WW-000016-00 0

Project Name Noman Cole Treatment Plant Upgrade Equalization Basins- Rehabilitation

Project Description

Scope of work includes lining QQ1, minor rehabilitation of QQ2 and QQ3, associated pump stations, and construction of a floodwall along the Creek.

Total Project Estimate (\$k) 13,809

Future Funding (\$k) 13,809

Current Status Construction

Construction Award 9/14/2016 (A)

Project Complete Fall - 2018

Remarks

The Not-In-Package (NIP) for construction contract award has been submitted for review and approval.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 690-C69310

Project Number/SubProject Number WW-000017-00 0

Project Name Noman Cole Treatment Plant Renovation Solids Processing Rehabilitation – Phase I

Project Description

Replacement of the air pollution control systems for the 4 multiple hearth incinerators at the NCPCP.

Total Project Estimate (\$k) 11,578

Future Funding (\$k)

Current Status Construction

Construction Award 3/18/2015 (A)

Project Complete Spring - 2017

Remarks

Construction is in progress and 78% complete. Project is on track to be completed in spring 2017.

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 690-C69310

Project Number/SubProject Number WW-000017-00 0

Project Name Noman Cole Treatment Plant Renovation Solids Processing Rehabilitation – Phase II

Project Description

Rehabilitation/replacement of solids processing facilities to include the primary and secondary scum collection systems and dissolved air flotation thickening process.

Total Project Estimate (\$k) 35,000

Future Funding (\$k) 25,000

Current Status Design

Construction Award Winter - 2017

Project Complete Winter - 2019

Remarks

The 100% submission is being prepared and building permit application is being reviewed. Bid advertisement is scheduled for mid 11/16.

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

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 690-C69310

Project Number/SubProject Number WW-000017-00 0

Project Name Noman Cole Treatment Plant Solids Processing Rehabilitation – Phase III
Renovation

Project Description

Rehabilitation of solids processes including incineration, sludge storage, ash collection, scum concentration, ancillary processes, and supporting facilities.

Total Project Estimate (\$k) 110,000

Future Funding (\$k) 20,000

Current Status Design

Construction Award Fall - 2017

Project Complete Summer - 2023

Remarks

The 70% design comments are being addressed and the 95% design submission is due in 12/16.

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

DPWES CAPITAL PROJECT SUMMARY REPORT
Oct 2016

Mount Vernon

Fund 690-C69310

Project Number/SubProject Number WW-000017-00 0

Project Name Noman Cole Treatment Plant Disinfection System Replacement/Rehabilitation
Renovation

Project Description

Replacement/rehabilitation of the disinfection system at the NCPCP.

Total Project Estimate (\$k) 74,100

Future Funding (\$k) 74,100

Current Status Design

Construction Award

Project Complete

Remarks

Phase I design is 95% complete and the Phase II design is 70% complete. Working with Fort Belvoir regarding acquisition of an easement for a new outfall.

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