



Dulles Corridor Metrorail Project

Silver Line Phase 2 Implementation

Board Transportation Committee Update

March 26, 2019

Mark Canale, Fairfax County Project Manager
Fairfax County Department of Transportation

Project Status

Phase 1

- Old Meadow Road Realignment – 100% design complete.
 - Construction completion scheduled for Summer 2019.
- VDOT punch list ongoing – MWAA and Bechtel to complete
- Phase 1 close out - \$2.982B (no change)

Phase 2

- Overall Phase 2 – 92% complete
- Package A (Rail line, system, and stations) – 92%
- Package B (Rail yard at Dulles) – 96%
- Contractual Substantial Completion – August 2019
 - WMATA Board to establish Revenue Operations Date

* Dynamic testing ongoing for the western portion of the track



Phase 2 – Cost Summary

- Budget

- Total Budget \$2.778B
- Total Forecast \$2.778B
- Total Expenditures \$1.868B

- Contingency Utilization

- Total Contingency \$551.5M
- Total Contingency Utilized \$272.6M
- Remaining Contingency \$278.8M

Phase 2 – Current Station and Guideway Activities

- *Pulling cables from the guideway to TPSS, Automatic Train Control and Communications rooms on the western side of the project*
- *Stations – Continue ceiling, electrical, plumbing, escalator and elevator installation and testing. Ceiling panels being installed for all stations and bridges as inspections are passed.*



Phase 2 – Current Station and Guideway Activities

- *Track – At grade track being adjusted on the west and cable trough lids are to be installed once cables are pulled.*
- *Testing – Dynamic testing ongoing between Dulles Airport and Innovation. Safe breaking tests to be completed this spring.*

First Test Trains for Dynamic Testing on Phase Two Guideway



Installing Cable Trough Covers on Aerial Guideway



Phase 2 – Rail Yard at Dulles Airport

- Interior work continues on Maintenance of Way Building and Service and Inspection Building. Hensell Phelps conducting walk throughs in preparation of final punchlist.
- Trainwash Facility equipment and track installation ongoing.
- Ongoing work on landscaping and stormwater quality structure.
- Salt dome and security fencing nearing completion.



Herndon Metrorail Garage

- Total Project Estimate: \$44.5M
- Construction Progress: 98% complete
- Existing garage repair work initiated in November 2018

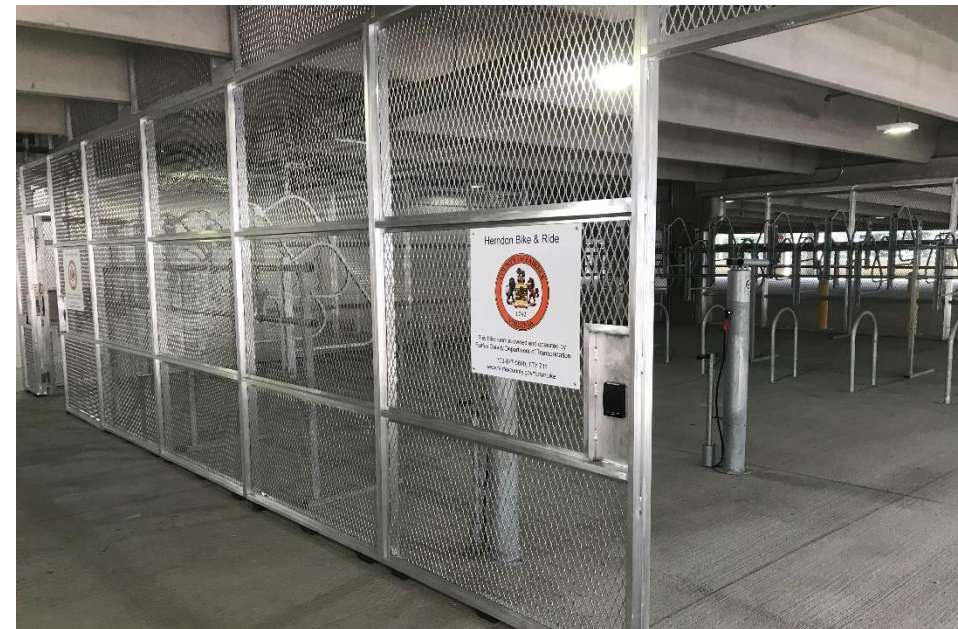
Schedule

- Construction Award: October 2016
- Construction (new garage): November 2016 – March 2019
- Construction (existing garage): October 2018 – Summer 2019
- Ready for Occupancy: April 2019

Herndon Metrorail Garage



Herndon Metrorail Garage



Innovation Metrorail Garage

- Total Project Estimate: \$52 million
- Construction Progress: 68% complete

Schedule

- Construction Award: March 2017
- Construction Start: April 2017
- Precast Erection Start: April 5, 2018
- Ready for Occupancy: Prior to Revenue Operation

- Construction resumed March 1, 2019 after completion of all remediation

Innovation Metrorail Garage



Reston Town Center Station

Reston Elevator Glass Panel Installation



Finishing Trim Installation on the Reston Station Vault Roof



Reston Station Platform Paver Installation



Herndon Station



Finishing Sidewalks at Herndon South Pavilion



Assemble Elevator Cabs at Herndon North

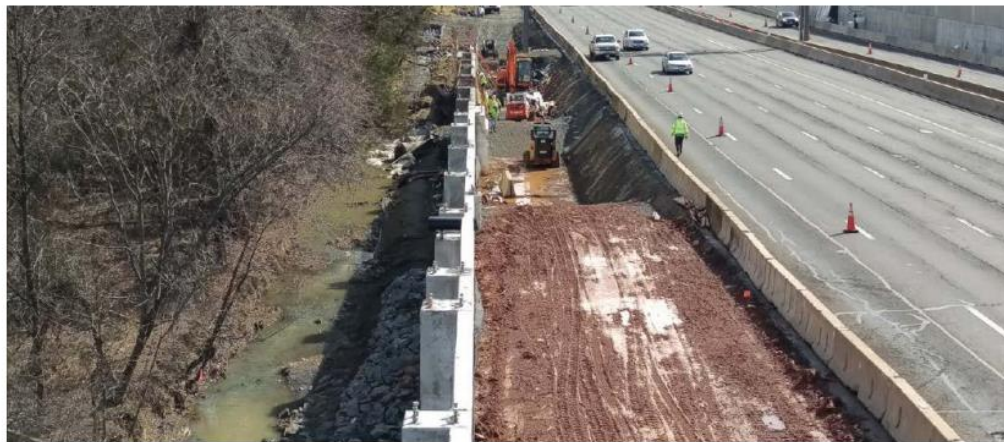


Innovation Center Station

Installing Beam Cladding at Innovation Station



Backfilling Innovation North Sound Wall



Dulles Airport Station



Installing Framing and Panels
Over Gates at Dulles Station



Dulles Station Pedestrian Tunnel



Rail Yard Dulles Airport



MWB Upper Mezzanine Office Carpet Installation



Painting Fire Mains in the SIB



QUESTIONS?