



# **Dulles Corridor Metrorail Project**

## **Silver Line Phase 2 Implementation**

Board Transportation Committee Update  
September 10, 2019

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# Project Status

## *Phase 1*

- Old Meadow Road Realignment – 100% design complete.
  - Utility relocation underway. Construction completion scheduled for the end of 2019.
- VDOT punch list ongoing – MWAA to complete
- Phase 1 close out - \$2.982B (no change)

## *Phase 2*

- Overall Phase 2 – 96% complete
- Package A (Rail line, system, and stations) – 96%
- Package B (Rail yard at Dulles) – 97%



## Project Status

### *Phase 2 (continued)*

- Dynamic testing and safe braking testing – ongoing
- Property Conveyances and Maintenance Agreements – Dec 2019
- Site inspections, turnover, and walkdowns – ongoing
- Wiehle Reston East Station scheduled shutdowns for testing of Phase 2
  - October 5-7 (approved)
  - November 9-12 (scheduled but not approved)
  - November 30 – December 2 (scheduled but not approved)
- Crossover cross-level (difference in elevation between top of 2 rails)– WMATA still evaluating remediation recommendations
- Remediation of cracks in precast panels at rail yard – WMATA accepted the coating recommendation. Working on an escrow account for future reapplication of the coating.

# Project Status

## *Phase 2 (continued)*

- **Construction Status**
  - Civil - Paving operations, stormwater management ponds, fencing, storm drains, and utilities relocation work ongoing
  - Stations – Interior finishes, station clean up, elevator and escalator testing, pedestrian bridge ceiling panel installation, and lighting installation
  - Track – Installation of cable trough lids on aerial and west section of at grade guideway
  - Systems – Traction Power Substations (TPSS) and station equipment testing and final connections, all TPSS have been energized providing power to the contact rails, communications cabling installation and testing, testing of train control systems, preparing track for dynamic testing, working on tie in of Phase 1 track and control systems with Phase 2, and running test trains for safe braking and dynamic testing on various section of the track
  - Rail Yard – Punchlist work ongoing for all building at the yard, testing Train Wash Facility equipment, site grading, and installation of hoist equipment
- Package A completion – April 2020 (target date)
- Package B completion – February 2020 (target date)
- WMATA Board to establish Revenue Operations Date – TBD

## Phase 2 – Cost Summary

- Budget

- Total Budget \$2.778B
- Total Forecast \$2.778B
- Total Expenditures \$2.144B

- Contingency Utilization

- Total Contingency \$551.5M
- Total Contingency Utilized \$299.1M
- Remaining Contingency \$252.4M

# Herndon Station

Installing Monitoring Equipment in Herndon Station Kiosk



Installing Pavers at Herndon North Pavilion



# Reston Town Center Station

Installing Speakers in Ceiling Panels at Reston Station



Excavating for Underground Utility Relocation  
Near Reston Parkway



# Innovation Center Station



# Dulles Airport Station



# Rail Yard Dulles Airport



## Installing Bridge Crane Rails in Service and Inspection Building (SIB)



## Adjusting TWF Drain Grating



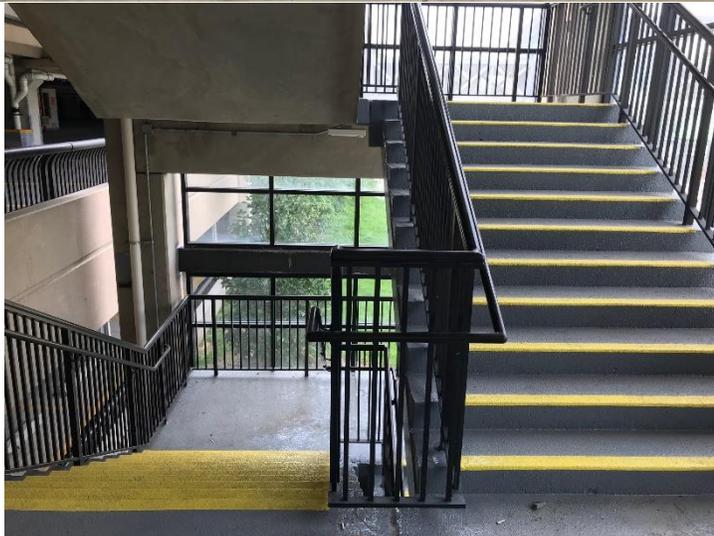
## Herndon Station Garage

- Total Project Estimate: \$44.5M
- Construction Progress: 100% complete
  
- New garage received its occupancy permit April 4, 2019
- Opened to the public on April 8, 2019, to facilitate work on existing garage.
- Existing garage repair work initiated in November 2018
  - Completion - September 7, 2019

# Herndon Station Garage



# Herndon Station Existing Garage (repairs)



## Innovation Center Station Garage

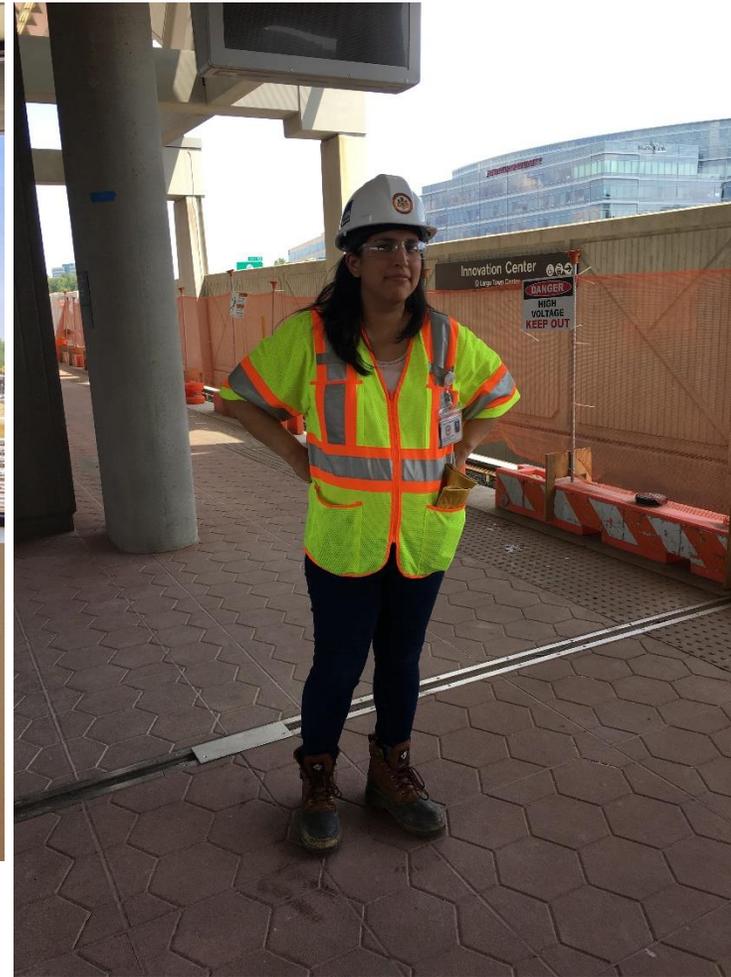
- Total Project Estimate: \$52 million
- Construction Progress: 83% complete

## Schedule

- Construction Award: March 2017
- Construction Start: April 2017
- Precast Erection: Completed
- Projected Completion: January 2020

# Innovation Center Station Garage





**QUESTIONS?**