



Dulles Corridor Metrorail Project

Silver Line Phase 2 Implementation

Board Transportation Committee Update

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



Project Status

Phase 2 (continued)

- **General Activities**
 - Dynamic testing and safe braking testing – ongoing
 - Property Conveyances and Maintenance Agreements – Dec 2019
 - Site inspections and walkdowns – ongoing
 - Wiehle Reston East Station scheduled shutdowns for testing of Phase 2
 - October 5-7 (completed)
 - November 23- 25 scheduled
 - Additional December dates TBD
- **MWAA and WMATA identified concerns - Discussions on remediation are ongoing**
 - Concrete Panel Deficiencies
 - Fouled Ballast at Dulles Rail Yard
 - Concrete Ties/ Cross-Level Deficiencies

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 \$2.162B

- Contingency Utilization

- Total Contingency \$551.5M
- Total Contingency Utilized \$307.8M
- Remaining Contingency \$243.7M

Herndon Station



Installing Pavers at Herndon North Pavilion



Installing Monitoring Equipment in Herndon Station Kiosk



Reston Town Center Station



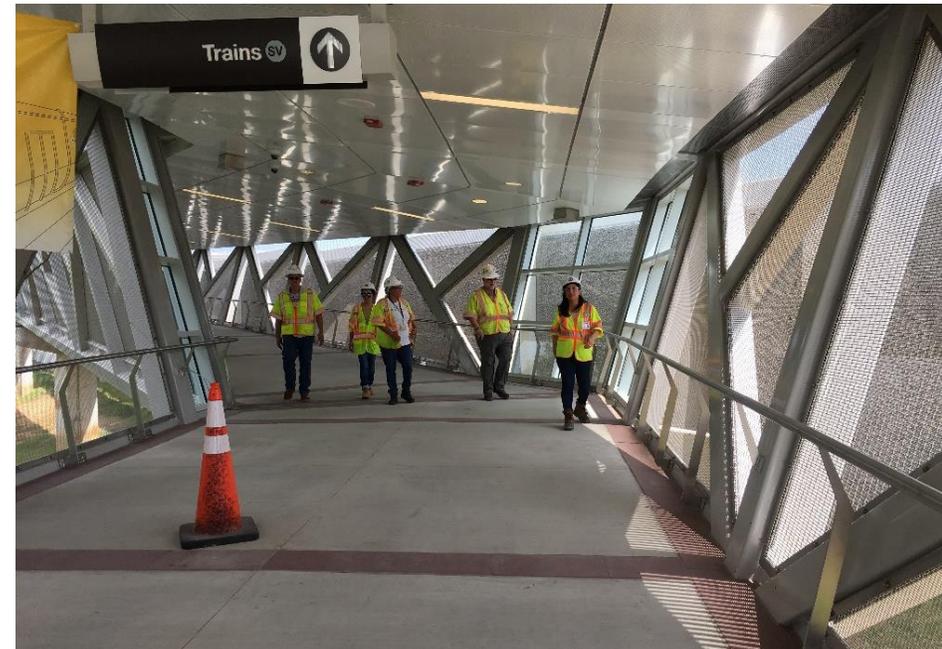
Installing Speakers in Ceiling Panels at Reston Station



Excavating for Underground Utility Relocation
Near Reston Parkway



Innovation Center Station



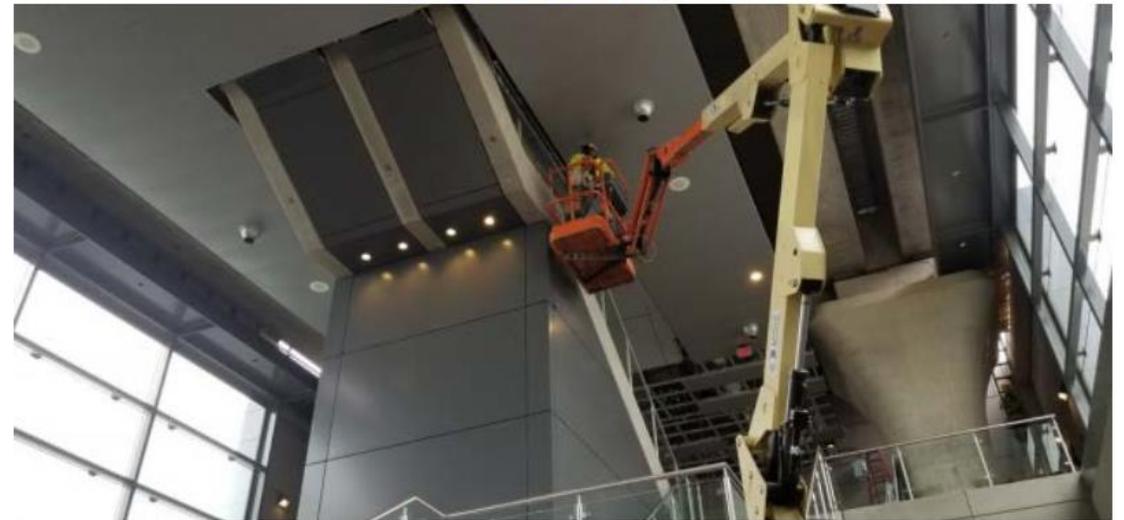
Dulles Airport Station



Escalators at Dulles Station



Placing Cladding Panels Under Stair Opening at Dulles Station



Rail Yard Dulles Airport



Moving Bridge Crane Girder Into SIB



Power Distribution Panel in Control Tower



Overhead Platform in SIB

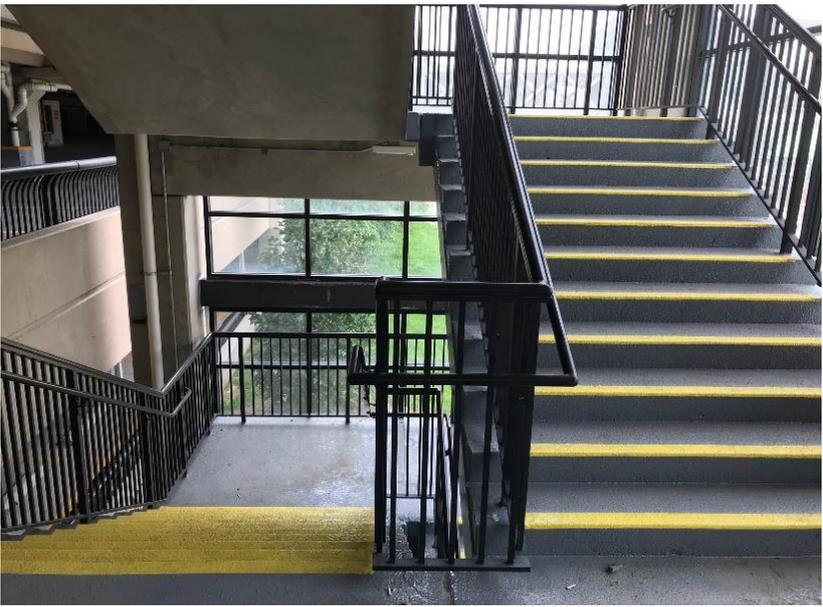


Herndon Station Garage

- 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 completed September 30, 2019. Reopening expected after loop repaving complete.

Herndon Station Existing Garage (repairs)



Innovation Center Station Garage

- Total Project Estimate: \$52 million
- Construction Progress: 85% complete

Schedule

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

Innovation Center Station Garage



QUESTIONS?