Dulles Corridor Metrorail Project
Silver Line Phase 2 Implementation
Board Transportation Committee Update
September 10, 2019

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Fairfax County Department of Transportation
Project Status

Phase 1

- Old Meadow Road Realignment – 100% design complete.
- 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?