



Dulles Corridor Metrorail Project

Board Transportation Committee Update

July 18, 2017

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Fairfax County Department of Transportation

Phase 1

- Old Meadow Road Realignment – in design, construction completion scheduled for the end of 2018 (contract award Oct. 2017)
- Remaining VDOT punchlist ongoing
- Phase 1 close out - \$2.982B

Phase 2

- Overall Phase 2 – 64%
- Package A (Rail line, system, and stations)– 69%
- Package B (Rail yard at Dulles) – 60%
- Contractual Substantial Completion – August 2019
 - WMATA to establish Revenue Operations Date

Phase 2 – Station Construction

- *Reston Town Center Station* – Precast erection and structural steel
- *Herndon Station* – Structural steel, precast detailing, and south pavilion construction
- *Innovation Station* – Precast detailing, structural steel painting, electrical and plumbing, pedestrian bridge assembly for north and south pavilions
- *Dulles Airport Station* – Precast and structural steel erection, station mechanical/electrical/plumbing rough in work, tunnel tie-in
- *Loudoun Gateway Station* – Station precast erection
- *Ashburn Station* - Station foundation, support walls, and start of precast erection

Phase 2 – Aerial Guideway

- Columns and Pier Caps – 100%
- Deck Spans Poured – 86%
- Trackway Spans
 - Precast girders have been erected and deck pours work ongoing

Phase 2 – Rail Yard at Dulles Airport

- 100% Design Plans Submitted
- Installation of stormwater, sanitary, duct bank structures, and retaining wall is ongoing
- Final grading, utilities and yard layout continues
- Structural steel, precast panels, and industrial equipment installation for Service and Inspection
- Structural steel progressing on Maintenance Building
- Foundation work for Transit Police and Train Wash Facility buildings is ongoing

Phase 2 – Cost Summary

- Budget

- Total Budget \$2.778B
- Total Forecast \$2.778B
- Total Expenditures \$1.199B

- Contingency Utilization

- Total Contingency \$551.5M
- Total Contingency Utilized \$173.2M
- Remaining Contingency \$378.3M

Herndon Metrorail Garage

- Total Project Estimate: \$44.5M
- Construction Progress – appx 29% complete

Schedule

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

Herndon Metrorail Garage



Innovation Metrorail Garage

- Total Project Estimate: \$52 million
- Construction Progress – appx 11% complete

Schedule

- Construction Award: March - April 2017
- Construction: April 2017
- Ready for Occupancy: April/May 2019

Innovation Metrorail Garage



Reston Town Center Station

Electrical Rough In at Reston Station



Herndon Station

Ironworkers Detailing Structural Steel at Herndon Station



Innovation Center Station

Assemble Pedestrian Bridges for Innovation Station

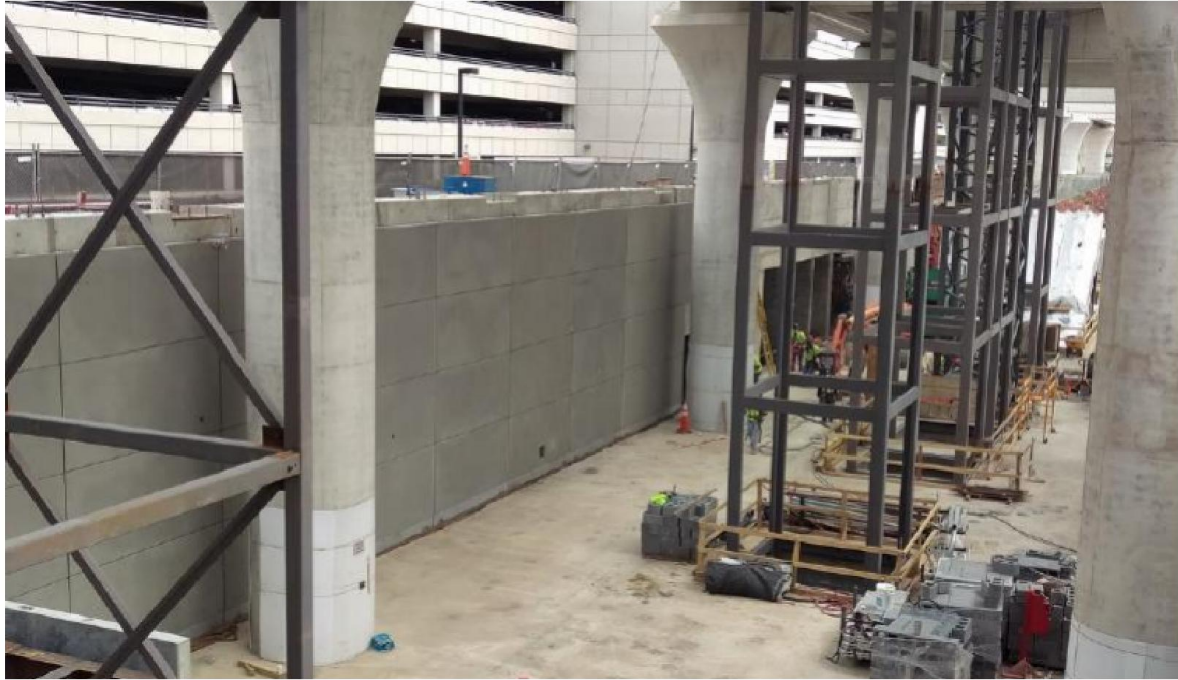


Set Concrete Ties and Rail for Innovation Station Outbound Track



Dulles Airport Station

Setting Precast Architectural Wall Panels at Dulles Station



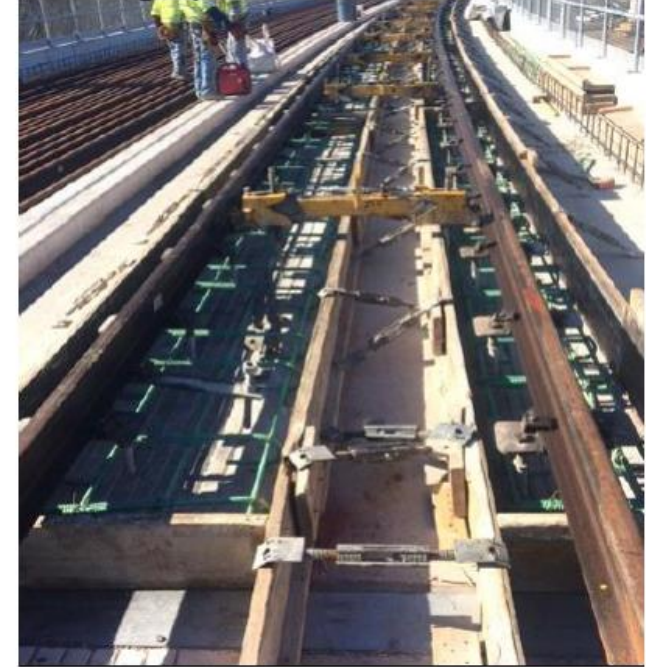
Install Overhead Conduits and Feeders to AC Switch Gear in Dulles Station



West Segment



Prepare for Concrete Pours and Set Rails on Elevated Guideway



QUESTIONS?