



County of Fairfax, Virginia

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# Silver Line Update

Board Transportation Committee

October 4, 2016

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Fairfax County Department of Transportation



# County of Fairfax, Virginia

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## **Phase 1 Summary**

- Old Meadow Road Realignment – design work proceeding, construction to be completed by the end of 2018
- VDOT punchlist ongoing
- Phase 1 close out - \$2.982B

## **Phase 2 Summary**

### Total Project Status (all bid packages as of July 2016)

- Overall Project – 38.7%
- Design – 99.6%
- Construction – 30.9%

### Station Construction

- Reston Town Center Station - Concrete foundations, 34.5kv electric
- Herndon Station – Precast, pouring of concrete foundations, columns, and walls
- Innovation Station - Precast, support walls, columns, masonry work, and electric rough in
- Dulles Airport Station – Station walls, columns, and cross-girders
- Loudon Gateway Station - Site clearing and excavation
- Ashburn Station - Design, site preparation work

### Aerial Guideway

- Caisson Foundations – 100%
- Columns – 97%
- Pier Caps – 93%
- Trackway Spans – 56%
  - Column, pier caps, girder, aerial track supports, and deck pours work ongoing

### Rail Yard at Dulles Airport

- 100% Design Plans Submitted
- Installation of stormwater, sanitary, and duct bank structures
- Final grading, utilities and yard layout continues

## **Phase 2 Cost Summary**

### Budget

- Total Budget - \$2.778B
- Total Forecast - \$2.778B
- Total Expenditures - \$833.8M

### Phase 2 Contingency Utilization

- Total Contingency - \$551.5M
- Total Contingency Utilized - \$92.7M
- Remaining Contingency - \$458.7M



# Herndon Station Garage

**Total Project Estimate: \$56.7M (revised est. \$44.5M)**

## Schedule

Design: June 2014 – December 2015  
Permitting: September 2015 – August 2016  
Bid Opening: July 2016  
Construction Award: October 2016  
Construction (new garage): November 2016 – January 2019  
Construction (existing garage): February 2019 – March 2019  
Ready for Occupancy: April 2019

Herndon Station Garage Design – Elevations



Sunrise Valley Drive - looking West

Dulles Toll Road - looking South







## County of Fairfax, Virginia

# Innovation Center Station Garage

**Total Project Estimate:** \$57 million (bids \$8.5M under est.)

### Schedule

**Design:** Aug 2014 - Oct 2016

**Permitting:** Jan 2016 - Oct 2016

**Bid Opening:** November 2016 - March 2017

**Construction Award:** March - April 2017

**Construction:** April 2017

**Ready for Occupancy:** April/May 2019







County of Fairfax, Virginia

# Innovation Center Station Garage





# Silver Line Construction Photos



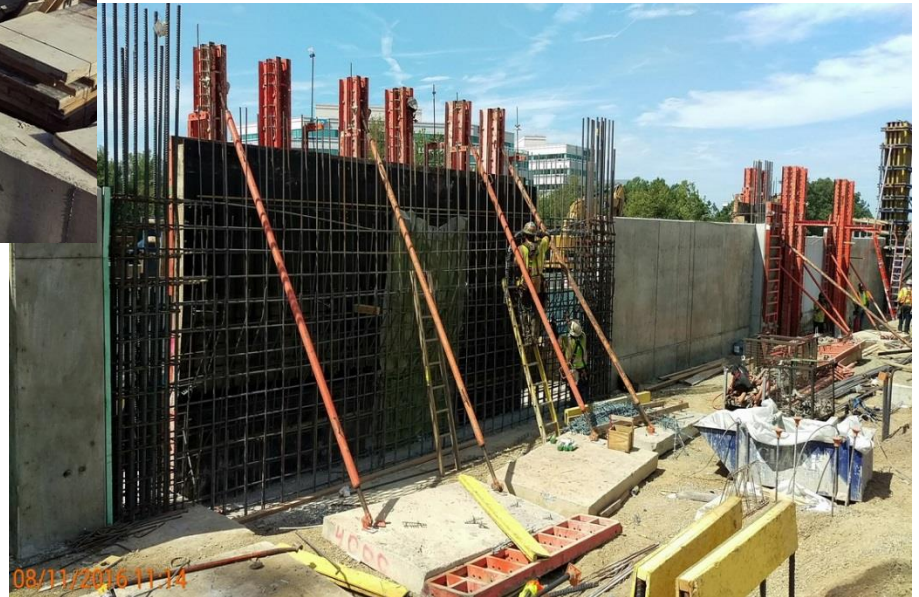


# Reston Town Center Station



Station Foundation Tubs

Station Foundation Walls





# Herndon Station



Excavation for Herndon South Entry Pavilion



Station Wall Panels and Exterior





# Innovation Center Station



Unfinished platform and interior station wall



Elevator frames



# Innovation Center Station



South Pavilion Piers and Foundation

North Pavilion Foundation Work







# Dulles Airport Station



Aerial structure

Pedestrian Tunnel to Terminal







# West Segment



Aerial Guideway and Yard Lead

Site Preparation at Loudoun Gateway





# Questions?