



County of Fairfax, Virginia

Silver Line Update

Committee for Dulles

March 2, 2017

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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

- Package A (Rail line and stations)– 57%
- Package B (Rail yard at Dulles) – 45%
- Revenue Operations Date – March/April 2020 (est.)

Station Construction

- Reston Town Center Station - Concrete foundations, pile cap formwork, and casting
- Herndon Station – Precast panels and foundation tubs, pouring of concrete foundations, columns, and walls
- Innovation Station - Masonry, precast, electrical rough-in, plumbing, ped bridge assembly
- Dulles Airport Station – Station walls, precast, tunnel tie-in
- Loudoun Gateway Station – Station foundation work and preparation for precast
- Ashburn Station - Station foundation work

Aerial Guideway

- Columns – 100%
- Pier Caps – 99%
- Deck Spans Poured – 72%
- Trackway Spans
 - Pier caps, girder, aerial track supports, and deck pours work ongoing

Rail Yard at Dulles Airport

- 100% Design Plans Submitted
- Installation of stormwater, sanitary, duct bank structures, and retaining wall ongoing
- Final grading, utilities and yard layout continues
- Foundation work for Police and maintenance buildings

Phase 2 Cost Summary

Budget

- Total Budget - \$2.778B
- Total Forecast - \$2.778B
- Total Expenditures - \$1.1B

Phase 2 Contingency Utilization

- Total Contingency - \$551.5M
- Total Contingency Utilized - \$103.4M
- Remaining Contingency - \$448M



Fairfax County Garages

- Herndon and Innovation Center Garages will be constructed by Fairfax County (DPWES and FCDOT)
- Garages fully funded – \$75M bond sale completed in Feb 2017
- Garage operations – SmarTrip, credit card, hours of operations similar to existing garages in the system (use of WMATA fare collection system)
- Bike racks, lockers/bike room provided at both garages
- Infrastructure provided for electric vehicle charging stations
- Innovation will have a ice melting machine for the roof parking
- Herndon new and existing garages will include a vehicle and pedestrian connection



Fairfax County Garages

Garage	MWAA Estimate	County Original Estimate April 2011	Approved TPE	Post Bid TPE Update
Herndon Station	\$73.4m	\$59.4	\$56.7m (September 2014 @AE Contract)	\$44.9m
Innovation Center Station	\$73.4m	\$60.9m	\$57.4m (August 2014 @AE contract)	\$52.0m
Total	\$146.721m	\$119.8m	\$114.10m	\$96.9m



Herndon Station Garage

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

Schedule

Design: June 2014 – December 2015
Permitting: September 2015 – September 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





Innovation Center Station Garage

Total Project Estimate: \$57 million (revised \$52 million)

Schedule

Design: Aug 2014 - Nov 2016

Permitting: Jan 2016 - Nov 2016

Bid Opening: December 2016 - February 2017

Construction Award: March - April 2017

Construction: April 2017

Ready for Occupancy: April/May 2019





Silver Line Road Improvements



1. Reston Pkwy & Sunrise Valley
 - Extension of existing NB left
 - Restripe to provide dual EB lefts
 - New dedicated EB right
 - Curb adjustment on WB approach
2. Edmund Halley
 - Improve to public street with bike lanes
3. Sunset Hills
 - EB right turn lane for new K&R



4. FFX Co Pkwy & Sunrise Valley
 - Additional capacity for existing WB dual lefts

5. Sunrise Valley & Roark/Herndon P&R
 - New WB right turn lane
 - Dual EB lefts
 - New right-in/right-out entrance to Sunrise Valley for existing garage



6. Innovation Avenue
- Realignment of Rock Hill Road
and new WB left into K&R

* Carta Way and future grid via
Nugget Joint Venture and FFX Co
public-private partnership



Silver Line Construction Photos



Reston Town Center Station



North Pavilion Columns



Station Foundation Walls



Herndon Station



Station Interior



Station Barrier Walls and Exterior



Herndon South Entry Pavilion



Innovation Center Station



Station Mezzanine Interior



Station Exterior



Unfinished platform and interior station wall



Dulles Airport Station



Station Exterior



Aerial structure



Pedestrian Tunnel to Terminal



West Segment



Aerial Guideway at Dulles Airport



Questions?