

Dulles Corridor Metrorail Project

Board Transportation Committee
December 14, 2021

Martha Elena Coello, Special Projects Division
Fairfax County Department of Transportation

Phase 1

- VDOT Punch List
 - Dulles Connector Road (DCR) Shoulder Repairs
 - Design approved by VDOT and work to be completed in 2022.
 - Remaining Manhole/Structure Repairs
 - Work is ongoing.
 - Remaining work is expected to be completed in Spring 2022.
- Phase 1 Close out - \$2.982B (no change)

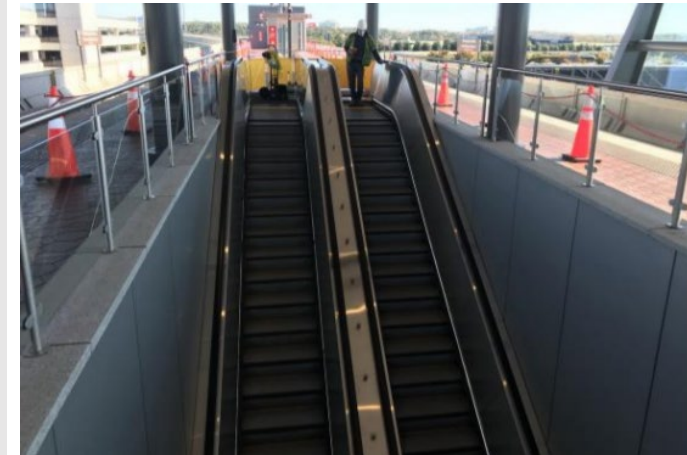


Phase 2

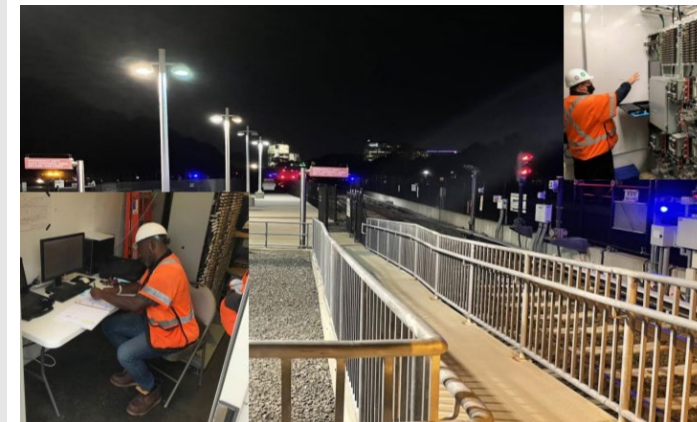
- Overall Phase 2 – 99% complete
- Budget
 - Total Budget \$2.778B
 - Total Expenditures \$2.489B
 - Total Contingency \$551.4M
 - Total Contingency Used \$415.3M
 - Remaining Contingency \$136.1M
- Key Milestones
 - Package A (stations, systems, and track) – substantial completion announced November 4, 2021
 - Package B (rail yard) – substantial completion announced December 1, 2021



Fare Card Machine Installation

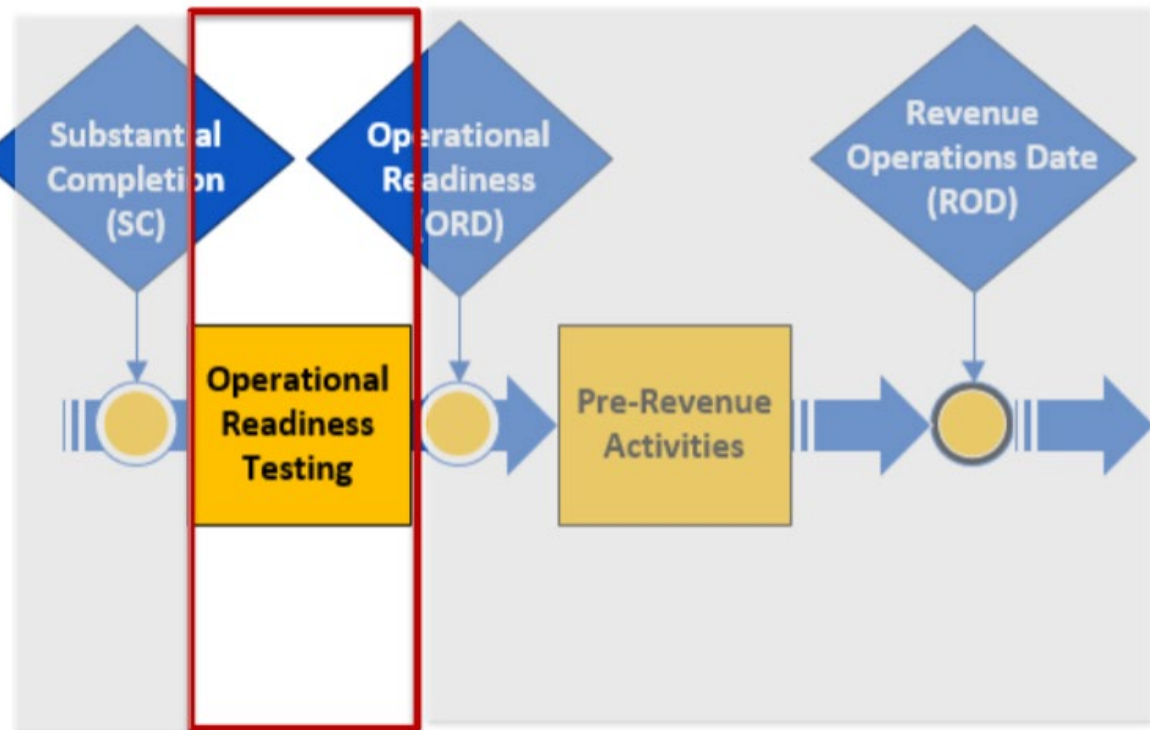


Performing Maintenance on Escalators



Phase 1 and 2 Tie-In Completion

Current Activities – Operational Readiness Testing



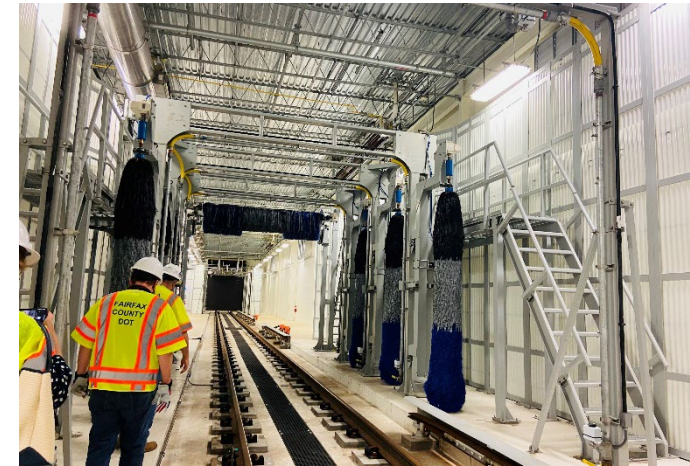
	Activities	Completion/Duration
Operational Readiness Testing	<ul style="list-style-type: none">WMATA conducts operational tests, simulated service, etc.MWAA and contractor continue completion of punchlist.	<ul style="list-style-type: none">No fixed durationContingent upon WMATA testing and completed when WMATA declares Operational Readiness.
Pre-Revenue Activities	<ul style="list-style-type: none">WMATA asset inventory, warranty management, document transfer, staff and first responder familiarization, final documents, policy and procedure updates, final station mobilization, etc.	<ul style="list-style-type: none">Approximately 90 daysEnds with the start of revenue service

Current Activities – Continued

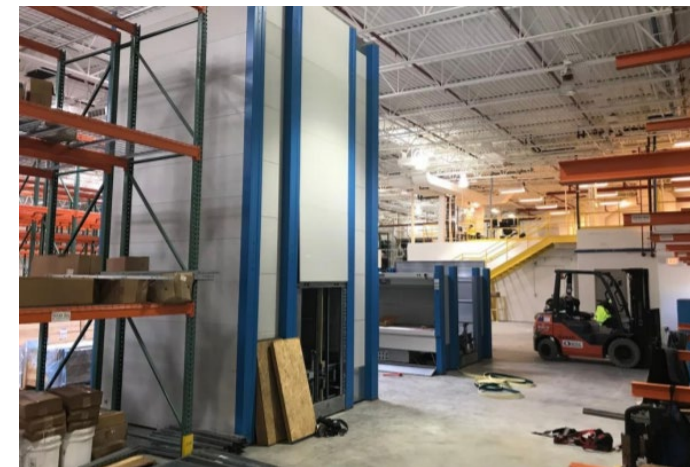
- Metro Operational Readiness Testing to be Completed:
 - Package A - 86 items; 37% completed
 - Package B - 69 items; 40% completed
- Safety and Security Certification Process is ongoing
- Ongoing Issues to Be Resolved Prior to Operational Readiness:
 - 12 issues 'Underway'
 - 1 issue remains 'Unresolved' – Uninterruptable Power System exhaust fans (Yard)



7000 Series Cars
at the Rail Yard



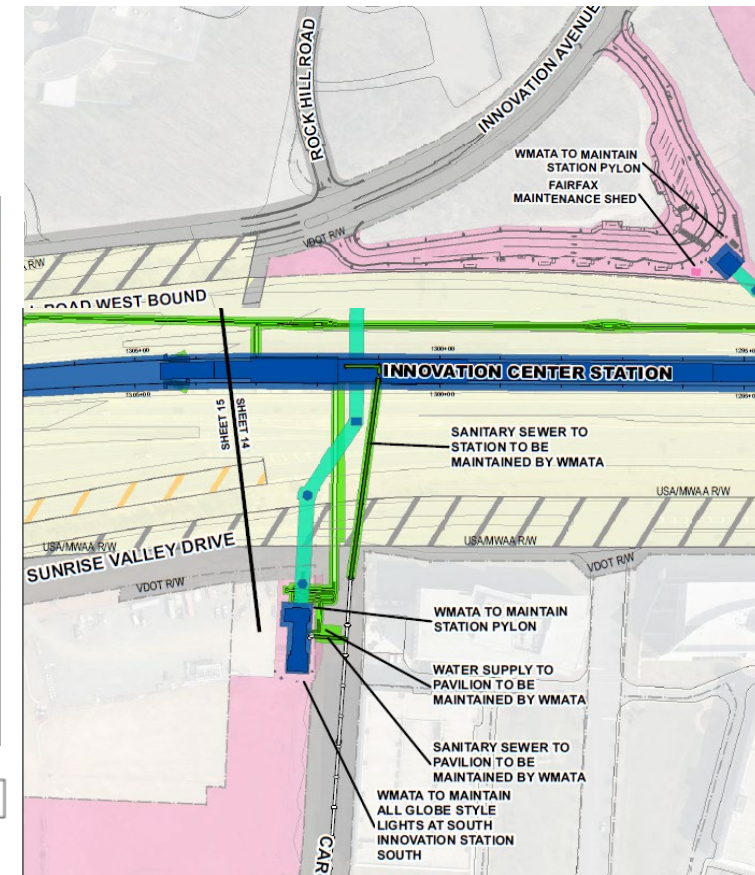
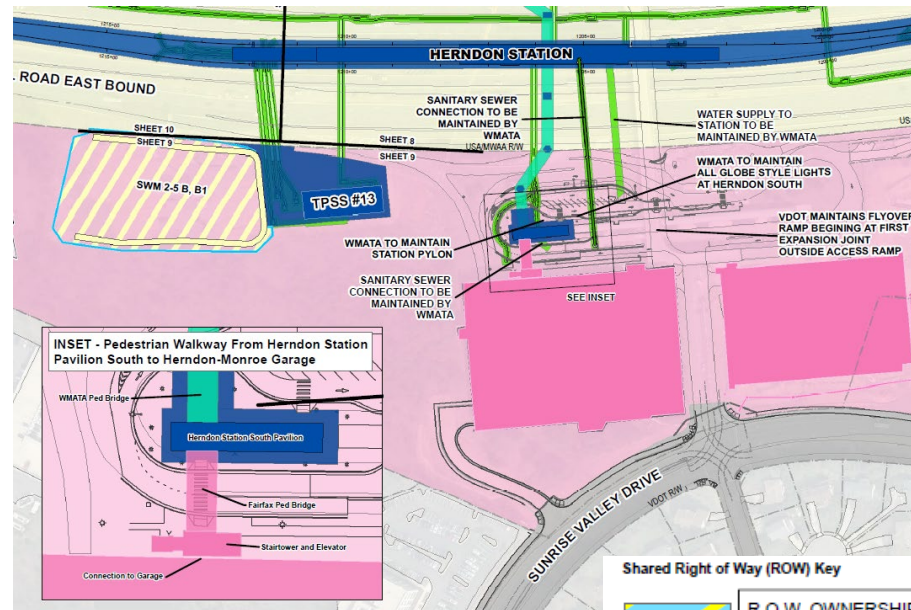
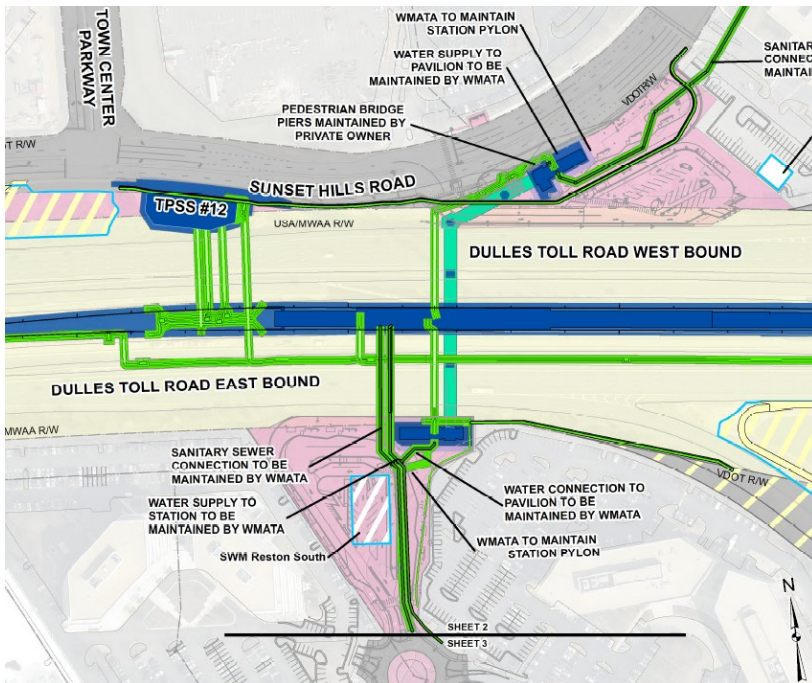
Train Car Wash
Facility



Equipment
Installation at the
Warehouse
Building

Fairfax County Activities

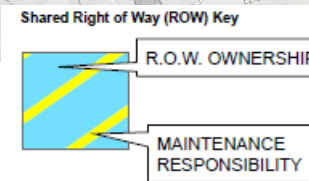
- Fairfax County punchlist verification
- Parking Agreement with WMATA on revenue collection for Silver Line garages completed
- Maintenance and Operations Agreement, Land Conveyance
 - Similar to Phase 1 agreement
 - Fairfax retains ownership of Kiss and Rides
 - WMATA ownership of tracks, station pedestrian bridges, traction power substations, and tiebreaker stations; easements around entrance pavilions.
 - Board consideration and approval winter/spring 2022



Maintenance Responsibility

Surface Owner: WMATA, Loudoun, Fairfax, Town of Herndon, TRIP II, MWAA, VDOT, Private Property/Other

WMATA Facilities: WMATA Building/Trackway, WMATA Access, WMATA Aerial, WMATA Utility, WMATA Traction Power Comm/Electric, WMATA Water/Sewer



Fairfax County Parking Garages

Herndon Station Garage – Completed April 2019

- Total Project Estimate: \$44.5M (org. \$56.7M)
- Bus loop repaving was completed in July 2020.
- Architectural panel replacement is complete.



Herndon Bus Loop

Innovation Center Station Garage – Completed June 2020

- Total Project Estimate: \$52M (org. \$57M)
- One-year warranty items are underway by the contractor.

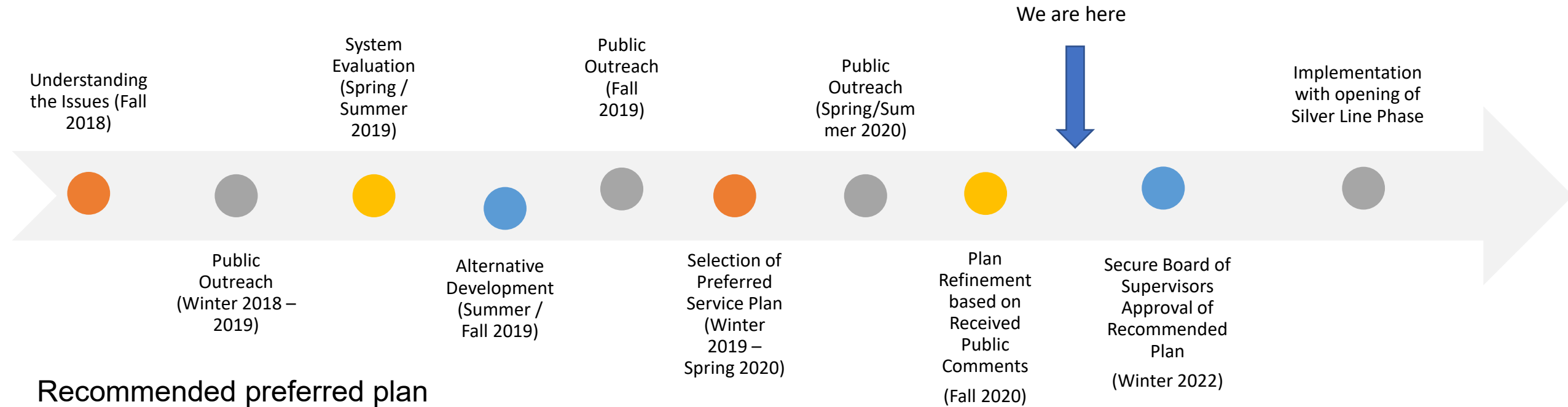


Innovation Garage



Bioretention pond & boardwalk

Silver Line Phase 2 Bus Service Plan



Recommended preferred plan

- Reflects the completion of Silver Line Phase II
- New connections and routes
 - Chantilly/Centreville to Dulles Corridor; NVCC (Loudoun Campus); Sterling to Herndon
- Creates more direct connections; Shortens travel time
 - Increases access to transit dependent population and employment
 - Maintains significant bus stop coverage
- Title VI analysis:
 - Evaluated impacts of proposed changes on minority and low-income riders

Public outreach

- Various stakeholder and working group briefings, June 2020
- Conducted virtual public meeting in July 2020
- Online survey, with 200+ comments received
- Resolving outstanding comments
- Board consideration of recommended plan in winter 2022

Action Items

- FCDOT has initiated internal discussions on preparation for revenue service.

Does the Board have any suggestions for additional areas of coordination prior to revenue service?

Is there any additional information the Board would like about the project?

Questions/Discussions