



# **Dulles Corridor Metrorail Project**

## **Silver Line Phase 2 Implementation**

Board Transportation Committee Update

May 14, 2019

Mark Canale, Fairfax County Project Manager  
Fairfax County Department of Transportation

# Project Status

## *Phase 1*

- Old Meadow Road Realignment – 100% design complete.
  - Utility relocation underway. Construction completion scheduled for the end of 2019.
- VDOT punch list ongoing – MWAA to complete
- Phase 1 close out - \$2.982B (no change)

## *Phase 2*

- Overall Phase 2 – 94% complete
  - Package A (Rail line, system, and stations) – 94%
  - Package B (Rail yard at Dulles) – 96%
  - Contractual Substantial Completion – August 2019
    - WMATA Board to establish Revenue Operations Date
- \* Dynamic testing ongoing for the western portion of the track



## Phase 2 – Cost Summary

- Budget

- Total Budget \$2.778B
- Total Forecast \$2.778B
- Total Expenditures \$2.060B

- Contingency Utilization

- Total Contingency \$551.5M
- Total Contingency Utilized \$295.1M
- Remaining Contingency \$256.4M

## Phase 2 – Current Station and Guideway Activities

- *Pulling cables from the guideway to TPSS, Automatic Train Control and Communications rooms on the western side of the project*
- *Stations – Continue installing trim and ceiling panels as inspections are passed. Plumbing, ceramic tile work, and elevator and escalator trim is ongoing.*
- *Civil – Preparing for roadwork at Herndon South and Reston North and South*



## Phase 2 – Current Station and Guideway Activities

- *Track – Cable trough lids installed along the aerial and west at-grade guideway. Switches in the west were aligned to their final position.*
- *Testing – Dynamic testing ongoing between Dulles Airport and Innovation. Safe braking tests to be completed this spring.*

First Test Trains for Dynamic Testing on Phase Two Guideway



Guideway East of Innovation Station Ready for Testing



## Phase 2 – Rail Yard at Dulles Airport

- Interior and punchlist work continues on Maintenance of Way Building, Service and Inspection Building, Transportation Building, and Warehouse Building.
- Trainwash Facility equipment installation ongoing.
- Ongoing work on landscaping and stormwater quality structure.
- Security fencing installation ongoing.

Lubrication Tank Room in MWB



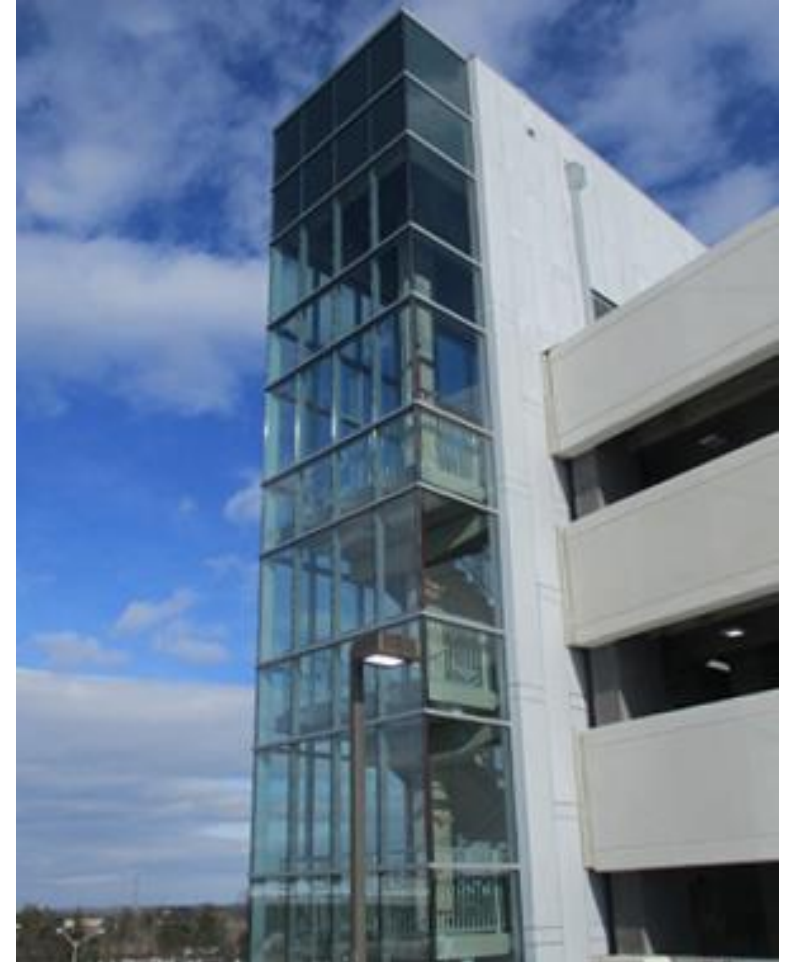
Installing Hydraulic Elevator Pump in MWB



## Herndon Metrorail Garage

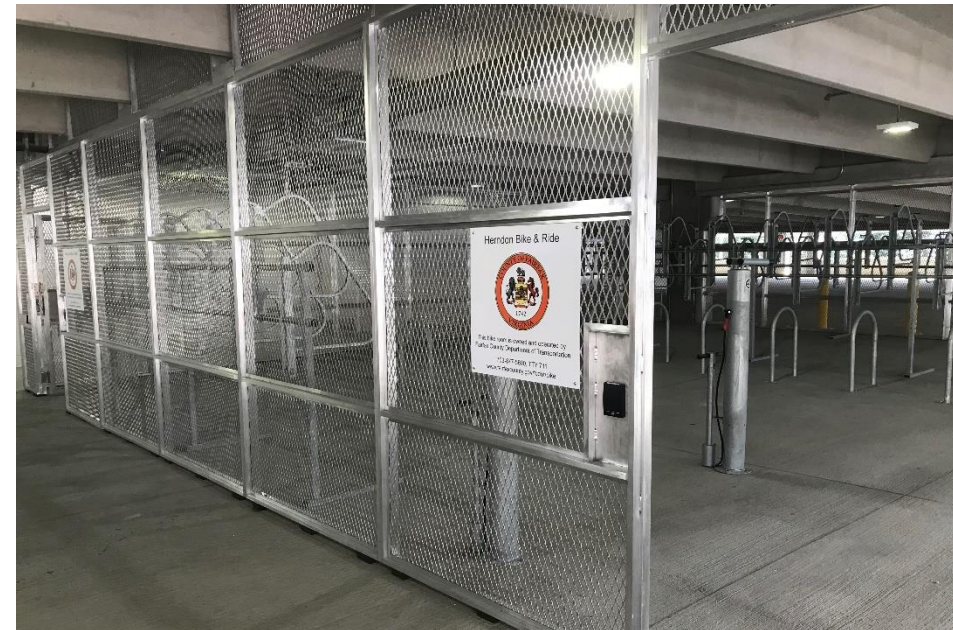
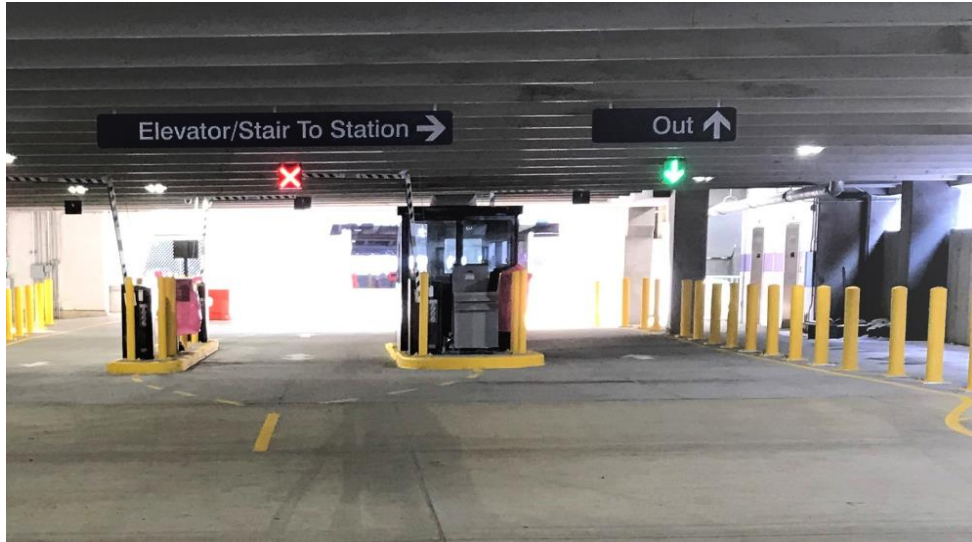
- Total Project Estimate: \$44.5M
- Construction Progress: 100% complete
  
- Opened to the public on April 8, 2019, to facilitate work on existing garage.
- Existing garage repair work initiated in November 2018
- New garage received its occupancy permit April 4, 2019

# Herndon Metrorail Garage





# Herndon Metrorail Garage



## Innovation Metrorail Garage

- Total Project Estimate: \$52 million
- Construction Progress: 70% complete

## Schedule

- Construction Award: March 2017
- Construction Start: April 2017
- Precast Erection Start: April 5, 2018
- Projected Completion: End of 2019
  
- Construction resumed March 1, 2019 after completion of all remediation

# Innovation Metrorail Garage



# Reston Town Center Station

## Reston Elevator Glass Panel Installation



## Set Pavers at Reston Station Platform Light Poles



## Finishing Trim Installation on the Reston Station Vault Roof



# Herndon Station



# Innovation Center Station

Installing Beam Cladding at Innovation Station



Casting Innovation North Sound Wall



# Dulles Airport Station



Test Trains for Dynamic Testing at Dulles Station



Dulles Station Pedestrian Tunnel



# Rail Yard Dulles Airport



MWB Upper Mezzanine Office Carpet Installation



Painting Fire Mains in the SIB





# QUESTIONS