Update on Transportation Activities

Transportation Round Table
Dulles Area Transportation Association
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Ongoing Project Implementation

- Silver Line phase II and county garages:
  - Herndon and Innovation Center Stations
- Pedestrian and Bicycle Connections:
  - Reston Metrorail Assess Group
  - Herndon Metrorail Station Access and Mobility Study
- Improvements to Route 28.
- Route 28 and Dulles Toll Road.
- Davis Drive Bridge.
- Soapstone Connector.
- Town Center Parkway underpass.
- Silver Line phase 2 bus service planning.
- Other Reston transportation projects.
Silver Line Status

Phase 1
- Old Meadow Road realignment – 100% design:
  - Utility relocation underway
  - Construction completion scheduled for end of 2019
- VDOT punch list ongoing – MWAA to complete.

Phase 2
- Overall phase 2 – 94%
- 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 western portion of track

Department of Transportation
Silver Line Phase II Garages

New Herndon Metrorail Station Garage

- Total project estimate: $44.5M
- Construction progress: 100% complete

Schedule

- New garage occupancy permit: April 4, 2019
- New Garage opened to public: April 8, 2019.
- Existing garage refresh work initiated: November 2018.
- Complete work on existing garage: Summer 2019.
Herndon Metrorail Station Garage
Herndon Metrorail Station Garage
Silver Line Phase II Garages

Innovation Metrorail Station Garage

- Total project estimate: $52M
- Construction progress: 70% complete

Schedule

- Construction award: March 2017
- Construction start: April 2017
- Precast erection start: April 5, 2018
- Projected completion: End of 2019
County of Fairfax, Virginia

Innovation Metrorail Station Garage

Department of Transportation
Pedestrian and Bicycle Connections

Reston Metrorail Access Group Recommendations Phases I and II

• More than 40 pedestrian and bicycle projects approved.
• Implementation continues:
  – 20 projects completed
  – 3 projects under construction
  – 5 projects in land acquisition
  – 12 projects under design
  – 2 projects in scoping

https://www.fairfaxcounty.gov/transportation/projects/silver-line/restonimp
Pedestrian and Bicycle Connections

Herndon Metrorail Station Access Management Study

- Area around Herndon and Innovation Center Metrorail Stations.
- Multimodal challenges and possibilities around stations identified.
- Missing links and needed pedestrian and bicycle connections:
  - 14 bicycle and pedestrian projects approved
  - 2 projects under construction
  - 2 projects in land acquisition
  - 6 projects in design
  - 2 projects being studied
  - 6 project in scoping

https://www.fairfaxcounty.gov/transportation/projects/silver-line/herndonimp
Improvements to Route 28

- Northern Virginia Transportation Authority allocated HB2313 funding to multiple projects in the Route 28 corridor.
- FY 2014 priorities included two construction projects on Route 28:
  - Widen from 6 to 8 Lanes SB (Dulles Toll Road to Rt. 50) – completed
  - Widen from 6 to 8 Lanes NB (McLearen Road to Dulles Toll Road) – completed
- Funding strategy developed for remaining Fairfax segment (NB Rt. 50 to McLearen).
- FY 2015-2023 priorities include design funds for widening Route 28 from Prince William line to New Braddock Road:
  - Design, environmental, and traffic work underway
  - RFQ responses received
  - RFP for design-build contract to be issued September
Route 28 and Dulles Toll Road

- VDOT, MWAA, Fairfax County, Loudoun County, and the Dulles Greenway have funded study of interchange at Route 28 and the Dulles Toll Road/Dulles Greenway.
- VDOT conducting the study.
- Potential improvements:
  - Ramp relocation, ramp widening, ramp reconfiguration, new ramp construction, eastbound Dulles Toll Road toll plaza relocation, elimination of eastbound Dulles Toll Road toll plaza cash payment option, roadway connectivity improvements, and/or collector-distributor lanes
- Expected study completion:
  - Late 2019 to early 2020
Davis Drive Bridge

• New bridge connection across the Dulles Toll Road between Sunrise Valley Drive in Fairfax County and Innovation Avenue in Loudoun County.

• Northern Virginia Transportation Authority has provided $20M for the project. Counties equally sharing $1M expense.

• Counties have contracted with VDOT to undertake the conceptual design work.

• VDOT is currently working on the feasibility study:
  – Draft report expected late 2019 to early 2020
Soapstone Connector

- Phase I Reston Comprehensive Plan Amendment adopted by the Board of Supervisors in 2014:
  - Includes three new connections across the Dulles Toll Road: Soapstone Drive, Town Center Parkway, and South Lakes/Davis Drive
- Fairfax County complete an alternatives analysis for the Soapstone Connector.
- Currently working on the environmental assessment:
  - Additional work on heritage resources required
- Approximately $120M has been identified for the project.
- Anticipate construction to begin 2024.
- Estimated completion by 2027.
Town Center Parkway Underpass

- Town Center Parkway Underpass will connect Sunset Hills Road and Sunrise Valley Drive beneath the Dulles Toll Road.
- Fairfax County funding improvement to the Silver Line track in the crossing area to allow future construction without disrupting rail traffic.
- Fairfax County requested VDOT to conduct feasibility study.
- Estimated completion by 2032.
Other Transportation Projects

• As of February 2014:
  – Network analysis/prioritization completed
  – Board adopted funding plan
  – Board adopted a comprehensive plan realignment of Sunset Hills Road
  – Route 7 widening (Reston to Tysons) construction bid awarded
  – Board approved $500,000 for Sunrise Valley/Fairfax County Parkway intersection improvements
  – Board approved $500,000 for improvements at Baron Cameron/Reston Parkway
  – W&OD Bridge over Wiehle advancing
  – Bike share Phase I implemented. Phase 2 implementation to begin soon.
Reston-Herndon Area Transit Service Overview

• Number of routes: 32
• Route types:
  – Commuter: 1
  – Circulator: 5
  – Local: 11
  – Feeder: 15
• Peak-hour level of service:
  – 70 buses
Transit Services Planning in Reston-Herndon for Silver Line Phase II

- Purpose is to enhance bus services in the Reston-Herndon area while capitalizing on Metrorail Silver Line Phase II.
- Process will encourage public input, examine past and existing transit conditions and future needs, and develop service change recommendations.
- Proposed service changes will include route efficiencies, new route designs, and improved access and mobility.
County of Fairfax, Virginia

Planning Timeline

July 2018 – January 2019
- Service review
- Data collection
- Public outreach

January 2018 – Sept 2019
- Identification of issues
- Development of route alternatives
- Obtain and review public input

Sept - November 2019
- Selection of preferred service adjustments
- Public review
- Revise adjustments per public input

December 2019 – February 2020
- Board approval
- Marketing outreach

Silver Line Phase II (2020)
- Implementation of rail service
- Implementation of bus service
Questions?