



Reston Transportation Service District Advisory Board

2021 Spring Meeting

March 22, 2021

Tom Biesiadny, Ray Johnson, and Mei Fang –FCDOT



Topics

- Reston Transportation Project Updates
- FY 2022 Reston Service District Tax Rate, Road Fund Rate Adjustments, and Collections
- Next Meeting/Questions/Requests for Additional Information



Transportation Updates



Dulles Rail Silver Line Phase 2

Description:

11.2 mile Silver Line extension from Wiehle Ave to Route 772 in Ashburn. Includes six new rail stations: three in Fairfax County, one at Dulles Airport, and two in Loudoun.

Total Project Estimate:

\$2.78 billion

Schedule:

- Overall Phase 2 – 99% complete
- Rail line, system, and stations – 99%
- Rail yard at Dulles – 99%
- Substantial Completion targeted for Spring 2021
- Opening of revenue service established by WMATA Board.



Dulles Rail Silver Line Phase 2

Project Status

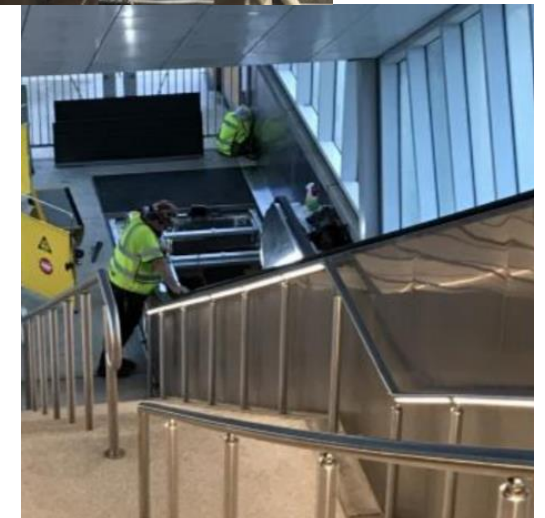
- Cleanup at stations, wayside facilities, and guideway
- Code inspections
- Interior station finishes and touchup
- Punchlist activities at the Rail Yard

Current Activities

- Dynamic testing and Phase 1 tie-in
- Adjusting cross bond spacing
- Addressing outstanding WMATA quality concerns



Sanitation lift inspection at the Yard



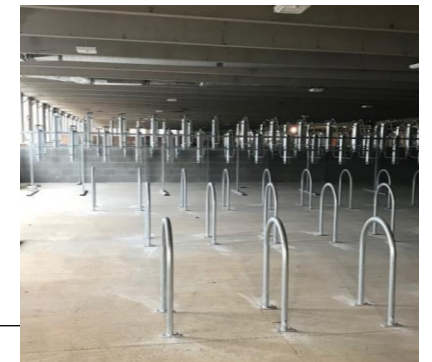
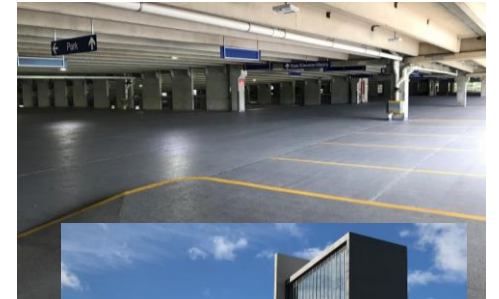
Herndon escalator maintenance



County of Fairfax, Virginia

Fairfax County Parking Garages

- Herndon Station
 - Project Estimate: \$44.5M: Org. TPE \$56.7M
 - New Garage is 100% complete.
 - Existing garage repair work completed over a year ago, and reopening expected before Silver Line Phase 2 service opens.
 - Bus loop was repaved and reopened to the public in January 2020.
- Innovation Center Station
 - Project Estimate: \$52M: Org. TPE \$57M
 - Garage is 98% complete.
 - Substantial completion was June 2020.
 - Punch list is ongoing





Dulles Rail Phase 2 Stations



Herndon Station



Innovation Station



Reston Town Center Station



Package A (Rail Line, Systems, Stations) Photos

Landscaping installation along the Toll Road



Stormwater Management Pond Near Rt. 28



Testing at Reston Town Center Station



Dulles Station Louvered Screen Wall

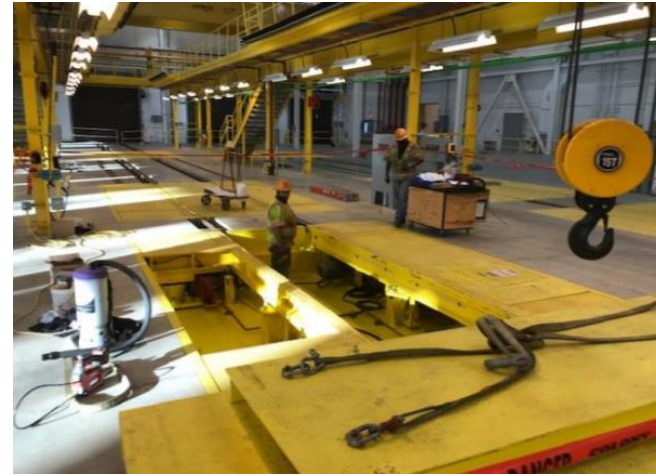




Package B (Rail Yard) Photos



Work on Car Hoist in Service and Inspection Building (SIB)



Ballast Re-tamping





Dulles Corridor Metrorail Projects Intersection Improvements

Projects	Status
<p>Reston Parkway at Sunrise Valley Drive: Widen EB approach to create dual lefts, a thru lane, and a thru-right. Extend the NB left turn lane on to Reston Parkway.</p>	Complete
<p>Sunrise Valley Drive at Herndon Station Site/Roark Drive: Widen EB approach to create dual lefts. Add a right-in/right-out entrance for existing Herndon-Monroe garage, with a new right turn lane from Sunrise Valley Drive.</p>	Complete
<p>Sunrise Valley Drive at Edmund Halley Drive: Extend the WB right turn lane and EB left turn lane on Sunrise Valley Drive. Upgrade Edmund Halley Drive, so that it may be accepted into the state system.</p>	Construction complete. Working on permit closeout.



Dulles Corridor Metrorail Projects Intersection Improvements (cont)

Projects	Status
<p>Sunset Hills Road at Reston Town Center Station: Add a signal for the new entrance to the Reston Station Kiss and Ride. Add new EB right turn lane into the new entrance.</p>	Complete
<p>Fairfax County Parkway at Sunrise Valley Drive Dulles Rail Phase 2 is planning to extend one of the EB left turn lanes from 240 feet to 400 feet to help improve capacity.</p>	Complete



Soapstone Connector

Description:

Extension of Soapstone Drive from Sunrise Valley Drive over the Dulles Toll Road (DTR) to Sunset Hills Road. Provides additional multimodal capacity on a new north-south alternative.

Total Project Estimate:

~\$216 million

Current Status:

Environmental stage. Currently working on federal requirements to identify and mitigate any potential impacts.

Expected completion of environmental is early 2022

Tentative Schedule:

- 2017 – 2025: environmental, engineering, design
- 2024 – 2026: land acquisition
- 2026: CN begins

SOAPSTONE CONNECTOR
Fairfax County Project No. 2G40-078
From: Sunrise Valley Drive
To: Sunset Hills Road
Reston, VA
August 16, 2017

ENVIRONMENTAL ASSESSMENT

In Coordination With
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
and
VIRGINIA DEPARTMENT OF TRANSPORTATION



Soapstone Connector – Funding Progress

Funding agreement between the County and VDOT for implementation of the project executed December 19, 2017.

Current Funding:

- \$ 154 million available.
- \$ 62 million needed.

Grant Applications Submitted:

- \$69.00 million requested from NVTAs FY20-25 regional SYP.
 - NVTAs awarded \$15.00 million in Summer 2020.
- \$62 million requested Smart Scale FY22-27 SYIP.
 - CTB should act in Summer 2021.



Route 7 Widening (DTR to Reston Avenue)

Description:

Widen Route 7 from 4 to 6 lanes from Jarrett Valley Drive to Reston Avenue. Includes intersection improvements, shared use trails, and upgraded bus stops.

Estimate:

Total Project Estimate \$314 million.



For more information visit
www.connectroute7.org

Status/Schedule:

- CTB awarded NTP in July 2018.
- Design plans complete and approved.
- Third left turn lane from WB Route 7 to Baron Cameron complete.
- ROW acquisition ongoing.
- Construction start was Spring 2019, and estimated completion is Summer 2024.
- Preparing for temporary realignment of Colvin Run Road.
- Project is 42% complete.



Intersection Improvements

Projects	Proposed Funding	Status
<p>Fairfax County Parkway at Sunrise Valley Drive Traffic Analysis Report completed. New lane assignments on the Parkway approved by VDOT. Design includes Cycle Track on Sunrise Valley Drive. Planning to advance design from 15% to 30%. Includes modifying lane configurations for WB and NB right turn on Sunrise Valley Drive.</p>	Service District	Initial stage
<p>Reston Parkway at Baron Cameron Avenue Modify intersection to include a second left turn lane from WB Baron Cameron Avenue to SB Reston Parkway.</p>	Service District	Initial stage



Wiehle Avenue At W&OD Trail

Schedule

- Land Acquisition:
 - Started in July 2020
 - Completion by April 2021
- Final Design:
 - Completed in December 2020
 - VDOT Permit submission in May 2021
- VDOT Construction Authorization:
 - Submission in December 2021
- Utility Relocation:
 - DEV transmission facilities relocation completion by September 2021
 - Other utility relocation design ongoing
 - All relocations completion by Spring 2022
- Construction:
 - Begin in Summer 2022
 - Completion by Summer 2023

Stakeholders

- NOVA Parks
- Dominion Energy VA
- Reston Fire Station
- APA Properties
- VDOT

Current/Ongoing Underground Utility

Coordination

Water, Gas, Electric, Communication Lines,
Dominion Energy Transmission Facilities

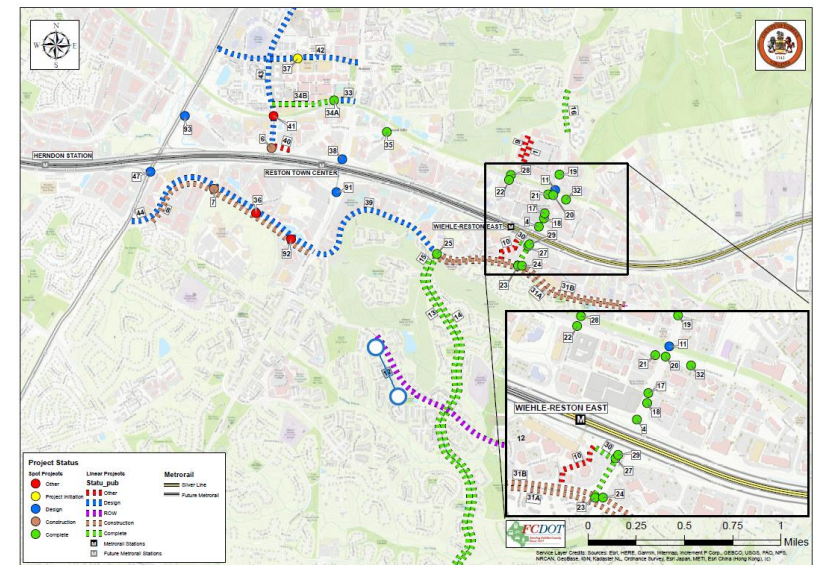


Active Transportation (RMAG)

- 28 Complete
- 14 Underway
 - 2-5 projects scheduled for completion in the next year (the 3 in question are Explorer Street/New Dominion Parkway Signal Install, Sunrise Valley Drive/Reston Association Entrance crosswalk, and Sunset Hills Road northside sidewalk from Town Center Parkway to Reston Town Center Station Entrance)

Bike Share Updates: FCDOT aiming to install **19** new stations as part of a federal grant, installation in early 2021.

Please refer to the Hunter Mill District Project Report (August 2020) status updates for active transportation projects. These have been included in the agenda packet immediately after the presentation.



RMAG Improvement Projects: <https://www.fairfaxcounty.gov/transportation/projects/silver-line/restonimp>



Reston Service District and Road Fund Rate Adjustments and Collections

FY 2022 Rate Recommendation



Road Fund and Service District Collections

Source	Fiscal Year	Estimate	Actuals	Estimated Plan Total (40 Years, in 2017 \$)	% of Plan Amount Received
Road Fund	2017	N/A	\$91,960		
Road Fund	2018	N/A	\$104,812		
Road Fund	2019	N/A	\$131,724		
Road Fund	2020	N/A	\$1,498,138		
Road Fund	2021 (YTD)	N/A	\$3,216,283		
Total Road Fund Collections			\$5,042,917	\$211,000,000	2.4%
Service District	2018	\$910,727	\$910,414		
Service District	2019	\$1,984,998	\$2,027,159		
Service District	2020	\$2,042,485	\$2,242,683		
Service District	2021(YTD)	\$2,308,810	\$2,306,308		
Total Service District Collections (includes interest)			\$7,486,564	\$139,895,725	5.3%
Total Received FY 2021 YTD			\$12,529,481	\$350,895,725	7.7%
Approved Projects	Fiscal Year	Total Project Estimate	Approved Amount	Funding Source	
Fairfax County Parkway and Sunrise Valley Drive Interim Improvement	2019	\$2,000,000	\$500,000	Service District	
Reston Parkway at Baron Cameron Avenue – Intersection Improvement	2019	\$2,500,000	\$500,000	Service District	
Total Approved Projects			\$1,000,000		
Balance of Road Fund and Service District Collections			\$11,529,481		



Road Fund Rates and Adjustments

- **County Road Fund rates are adjusted annually by the annual rate of inflation**, as calculated by referring to the Consumer Price Index for all urban consumers (CPI-U), 1982-1984=100 (not seasonally adjusted) as reported by the United States Department of Labor, or Bureau of Labor Statistics.
- Proposed Rate Adjustment is **1.4%** based on the CPI-U increase over the last 12 months for the month ended January 2021.
- The Board will consider proposed rates on March 23, 2021. If approved, they will be effective on April 1, 2021.

Road Fund Area	Type	2020 Rate	Inflationary Increase	Proposed Rate 2021
Tysons	non-residential	\$4.77	1.014	4.84
	residential	\$1,059.10	1.014	1073.93
Tysons-Wide	non-residential	\$6.44	1.014	6.53
	residential	\$1,141.61	1.014	1157.59
Tysons-Grid of Streets	non-residential	\$7.35	1.014	7.45
	residential	\$1,141.61	1.014	1157.59
Fairfax Center	non-residential	\$6.49	1.014	6.58
	residential	\$1,437.20	1.014	1457.32
Centreville	non-residential	\$6.97	1.014	7.07
	residential	\$2,754.28	1.014	2792.84
Reston	non-residential	\$10.24	1.014	10.38
	residential	\$2,237.27	1.014	2268.59



Assessed Value History



- Although actual AV growth has been greater than projected, continued growth at that magnitude is not guaranteed.



Service District Rate Recommendation

- The Reston Transportation Service District tax rate has been set at \$0.021/\$100 AV in the FY 2021 Advertised Budget.
- Once the Board approves an Advertised tax rate, the rate can only be adjusted down, or left set at the Advertised rate.
- **Staff recommends holding the rate flat at \$0.021 in FY 2022.**



Questions/Next Meeting/Requests for Info

Questions or items for inclusion next meeting
(November 2021)?



County of Fairfax, Virginia

Thank You

Reston Transportation Service District Advisory Board



Reston Funding Plan Review



Reston Funding Plan Review

Current Funding Plan Improvements:

The funding plan is monitored and reviewed annually to respond to areas of growth and change within the Reston TSAs.

Major Roadway Improvements

\$1.200 billion

Intersection Improvements

\$0.048 billion

Grid of Streets Network

\$1.021 billion

Total Planning Level Project Estimates

\$2.269 billion

*These projects were added to the funding plan in FY 2019.

Projects	Project Estimate	Project Category
Reston Roadway Projects		
Soapstone Road Extension (DTR Overpass)	\$170,000,000	Roadway
Town Center Parkway Extension (DTR Underpass)	\$170,000,000	Roadway
Reston Parkway Widening (South Lakes Drive to DTR)	\$25,000,000	Roadway
Fairfax County Parkway HOV (DTR to West Ox Widening)	\$80,000,000	Roadway
Fairfax County Parkway at Sunrise Valley Dr Interchange	\$400,000,000	Roadway
South Lakes Drive Extension (DTR Overpass)	\$90,000,000	Roadway
Fox Mill Road Widening (Reston Parkway to Monroe Street)	\$60,000,000	Roadway
West Ox Rd Widening (Lawyers Road to Centreville Road)	\$100,000,000	Roadway
Monroe Sreet Widening (West Ox Road to Town of Herndon)	\$80,000,000	Roadway
Pinecrest Road Extension (South Lakes Drive to Sunrise Valley Drive)	\$25,000,000	Roadway
Total Reston Roadway Projects	\$1,200,000,000	Roadway
Reston Intersection Improvements		
Fairfax County Parkway at Sunrise Valley Drive (Interim)*	\$500,000	Intersection
Reston Parkway/ Baron Cameron Avenue*	\$2,500,000	Intersection
Reston Parkway/ Sunrise Valley Drive	\$15,000,000	Intersection
Reston Parkway/ DTR WB on/off ramps	\$5,000,000	Intersection
Reston Parkway/ Bluemont Way	\$4,000,000	Intersection
Reston Parkway/ New Dominion Parkway	\$5,000,000	Intersection
Centreville Road at Sunrise Valley Drive	\$10,000,000	Intersection
Centreville Road/ DTR EB on/off ramps	\$1,500,000	Intersection
Wiehle Avenue/ DTR EB on/off ramps	\$600,000	Intersection
Hunter Mill Road/ Sunset Hills Road	\$3,500,000.00	Intersection
Sunset Hills Road Realignment*	TBD	Intersection
Total Intersection Improvements	\$47,600,000	Intersection
Total Grid of Streets	\$1,021,000,000	Grid
Total Intersection + Grid	\$1,068,600,000	Intersection + Grid
Grand Total Projects (Roadway + Intersection + Grid)	\$2,268,600,000	



Reston Funding Plan Review

Summary of Projects, Revenue Sources, and Allocations

Funding Plan Projects	Revenue Source	Public or Private Source	Amount	Percent of Plan
Major Roadway Improvements	Fed/State/Regional/Local Funds	Public	\$1,201,704,275	53.00%
Grid of Streets	Developer Construction	Private	\$716,000,000	31.60%
Grid of Streets	Reston Road Fund	Private	\$211,000,000	9.30%
Intersections/Grid of Streets	Service District	Private	\$139,895,725	6.10%
Total			\$2,268,600,000	100%



THANK YOU!