



Spring 2023 Updates on Reston Development and Transportation Projects

Reston Transportation Service District Advisory Board

March 9, 2023

Michael Cuccias and Tom Biesiadny, Department of Transportation



Presentation Overview

- Agenda
- Reston Transportation Project Updates
- Road Fund Rate Adjustments and Collections
- Project Prioritization
- Next Meeting/Questions/Requests for Additional Information

Transportation Project Updates





Dulles Rail Silver Line Phase II

Completed Items

- Safety Certification Received

Project Schedule

- Service is operational November 15, 2022
- Fairfax Connector service changed November 16, 2022

General Activities

- Project closeout and bus service adjustments
- Facility maintenance transfer
- Marketing efforts

<https://www.fairfaxcounty.gov/transportation/projects/silver-line.gov>

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Dulles Rail Silver Line Phase II

Herndon Station



Reston Town Center Station



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Dulles Rail Silver Line Phase II

Innovation Center Station



Dulles Airport Station



Dulles Airport Rail Yard



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Dulles Rail Silver Line Phase II



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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:

- ~\$235 million - Project is currently fully funded

Current Status:

- Environmental stage.
- Public Information Meeting (PIM) held in summer 2022.
- The Section 4(f) Evaluation is currently being reviewed by FHWA to issue the Finding of No Significant Impact (FONSI)
 - Anticipated - Spring 2023

Tentative Schedule:

- 2017 - 2025: environmental, engineering, design
- 2024 - 2026: land acquisition
- 2027 - Construction begins

<https://www.fairfaxcounty.gov/transportation/projects/soapstone-connector>

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



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 and is **fully funded**

Status/Schedule:

- Construction began Spring 2019
- Colvin Run Stream relocated in 2021
- Significant noise barrier construction in last year
- Most of the project is in the final construction phase
- Bridge work a priority in 2023
- Land ROW acquisition complete
- Estimated completion is Summer 2024
- Project is over 75% complete



For more information visit
www.connectroute7.org



Route 7 Widening (DTR to Reston Avenue)



November 16, 2022

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Wiehle Avenue and W&OD Trail

Project Status:

- Relocation of Dominion Energy Virginia (DEV) transmission line was completed in August 2021.
- Construction Bid Award:
 - Contract awarded to Allan Myers
 - Contract executed Feb. 8
- Relocation of other utilities is ongoing
- Groundbreaking ceremony March 9 @ 10am

Project Cost:

- \$14.9 million and it is fully funded

Schedule:

- Other Utility Relocation:
 - Completed before project completion
- Construction:
 - Began on Feb 27, 2023
 - Completion currently scheduled for July 2024

Project Website:

<https://www.fairfaxcounty.gov/transportation/projects/wiehle-wod-trail>



Wiehle Ave and W&OD Trail Groundbreaking Ceremony





Wiehle Avenue and W&OD Trail



Proposed Pedestrian Bridge Over Wiehle Avenue North View



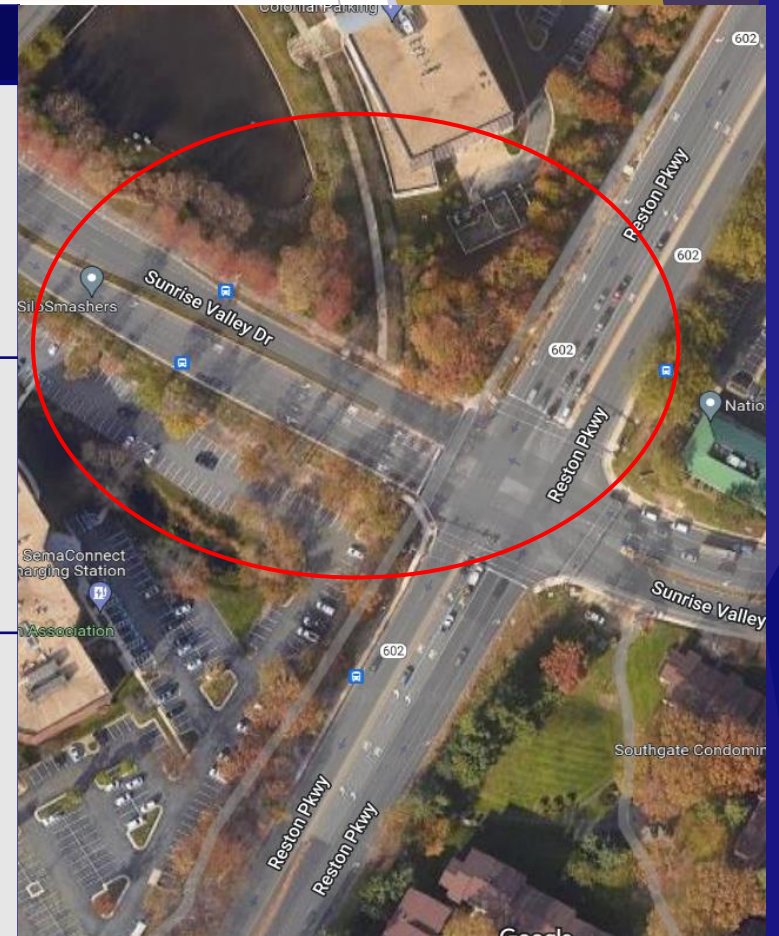
Intersection Improvements

Projects	Proposed Funding	Status
Fairfax County Parkway at Sunrise Valley Drive Includes modifying lane configurations on NB and WB approaches and extending turn lanes on the SB approach. The design incorporates the Cycle Track improvements on Sunrise Valley Drive, updating to 30% design. Total estimated cost: \$0.24 million (study)	Service District	Traffic Analysis Report approved. Local environmental review completed. Project will be incorporated into Sunrise Valley Drive cycle track projects and is expected to be forwarded for design in spring 2023.
Reston Parkway at Baron Cameron Avenue Modify intersection to include a second left turn lane from WB Baron Cameron Avenue to SB Reston Parkway. Total estimated cost: \$2.5 million	Service District	The conceptual design has been completed. Additional alternatives are being evaluated including dual left turns on all approaches. Study expected to be completed by August 2023.



Intersection Improvements

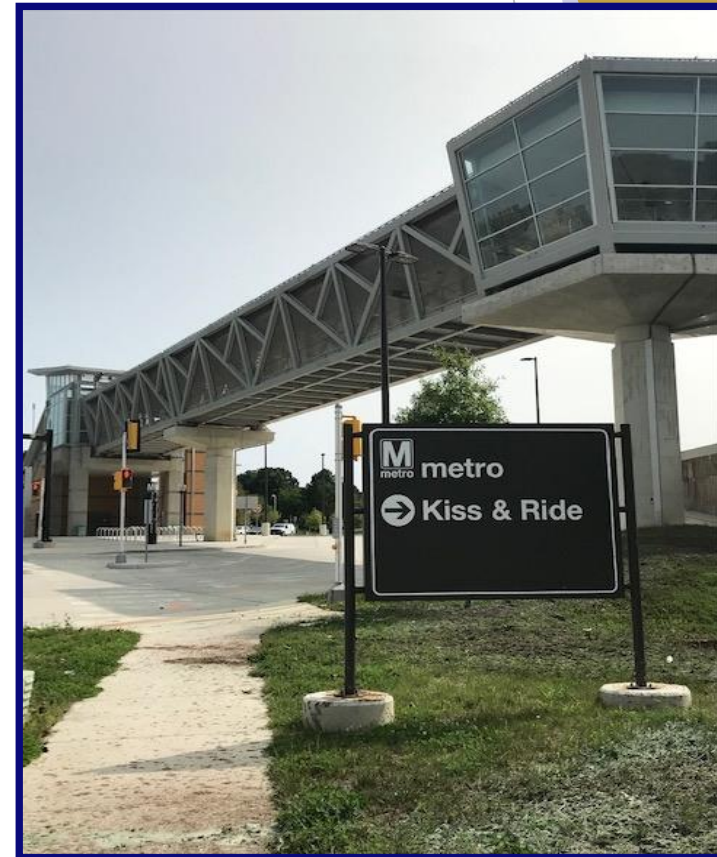
Projects	Status
<p>Reston Parkway at Sunrise Valley Drive: Widen EB approach to create dual lefts, a thru lane, and a thru-right. Extend the NB left turn lane on to Reston Parkway.</p>	Complete
<p>Sunrise Valley Drive at Herndon Station Site/Roark Drive: Widen EB approach to create dual lefts. Add a 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>	Complete. Awaiting secondary street acceptance for Edmund Halley.





Intersection Improvements

Projects	Status
Sunset Hills Road at Reston Town Center Station: Add a signal for the new entrance to the Reston Station Kiss-and-Ride lot. Add new EB right turn lane into the new entrance.	Complete
Fairfax County Parkway at Sunrise Valley Drive: Extend one of the EB left turn lanes from 240 feet to 400 feet to help improve capacity.	Complete
Sunrise Valley Cycle Track: Reconstruct Sunrise Valley Drive to include a one-way separated bike lane in each direction from Fairfax County Parkway to Innovation Metrorail Station. Project will narrow existing travel lanes, gutters and medians, remove medians where necessary, tighten wide intersections, adding additional pedestrian crossings, and upgrading existing pedestrian crossings	Preliminary Engineering





Reston Metrorail Access Group (RMAG)

- 33 Complete
- 10 Underway, 3 projects scheduled for completion in the next year:
 - Explorer Street/New Dominion Parkway Signal Installation;
 - Sunrise Valley Drive/Reston Association Entrance crosswalk; and
 - Bluemont Way Sidewalk from Discovery Street Pedestrian Bridge Walkway to Reston Parkway)

RMAG Improvement Projects:

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



Reston Metrorail Access Group (RMAG)

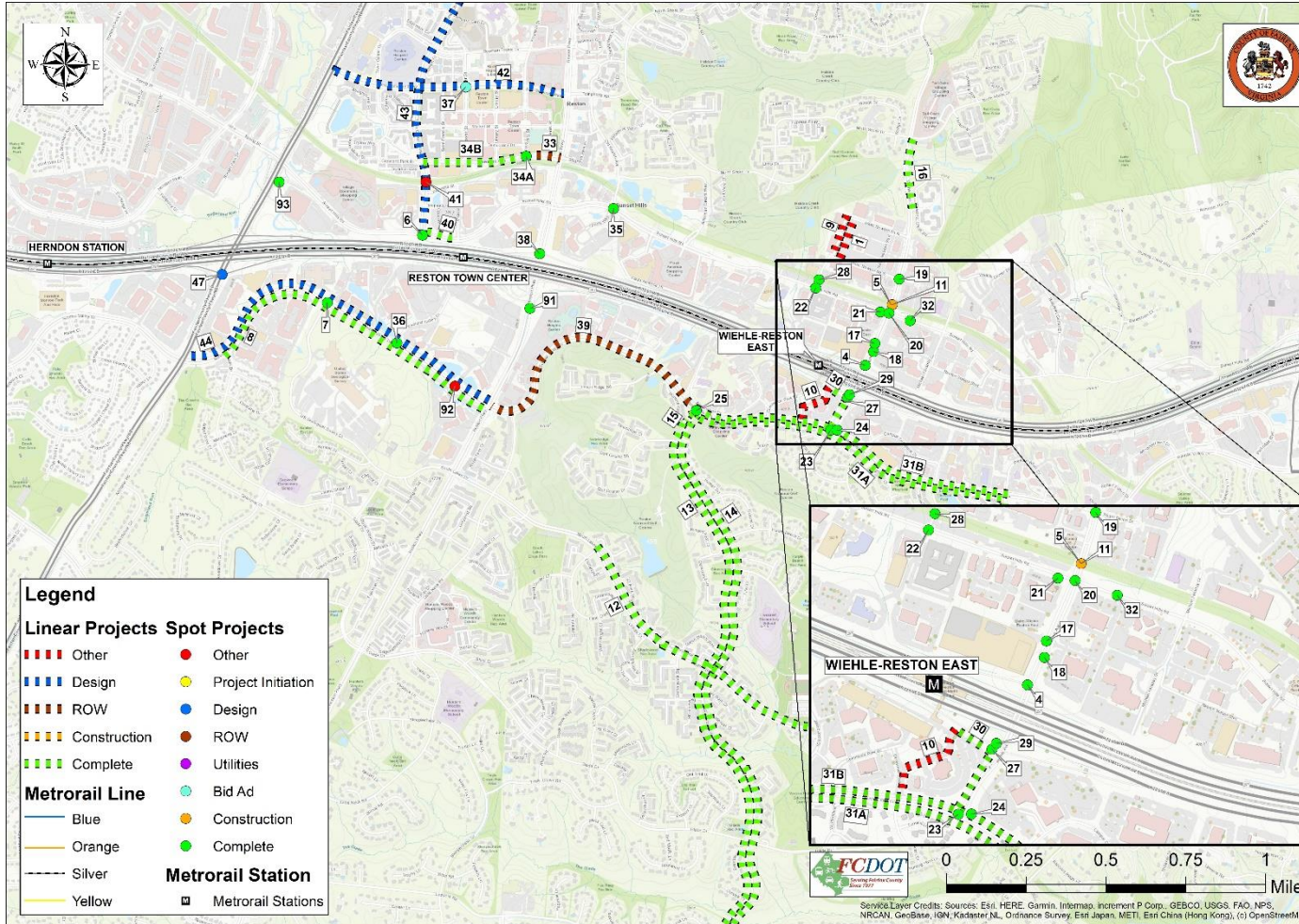
- Capital Bikeshare Updates:
 - Under Reston Transportation Alternatives Program grant
 - Installed 18 Capital Bikeshare stations in summer 2021
 - Installed 19th station in January 2023
 - Installed two stations at Reston Town Center Metrorail Station which now generate 10% of Reston trips 11/15/22-3/7/23
 - Wiehle-Reston East Metrorail Station generated 8%
 - Some stations to move within Reston to improve ridership and revenue
 - Reston's 36 stations generated 58% of Countywide 2022 trips (7,572 of 12,980)
 - Launching 45 of the next generation electric bicycle in late March-April



November 16, 2022



Reston Area Metrorail Access Improvement Projects

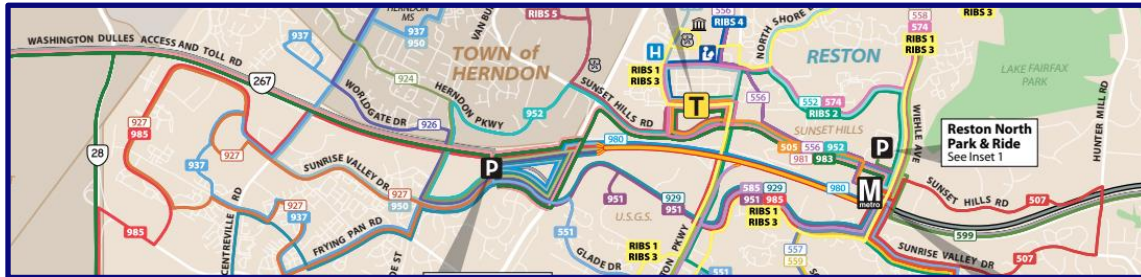


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Fairfax Connector Improvements



- Significant transit service improvements have occurred since the Silver Line Phase II Metrorail stations were opened.

FAST FACTS: EXISTING SERVICE VS. NEW SERVICE

TRAVEL TIME BETWEEN KEY ORIGINS AND DESTINATIONS

	EXISTING SERVICE	NEW SERVICE	PERCENT CHANGE
Average Travel Time	57.3 Minutes	49.4 Minutes	-14%

POPULATION AND HOUSEHOLDS SERVED WITHIN A QUARTER-MILE OF SYSTEM

	EXISTING SERVICE	NEW SERVICE	PERCENT CHANGE
Population	157,400	189,600	+20%
Minority Population	79,000	98,200	+24%
Households	59,300	70,100	+18%
Low-Income Households (At or Below \$50,000)	9,100	11,200	+23%

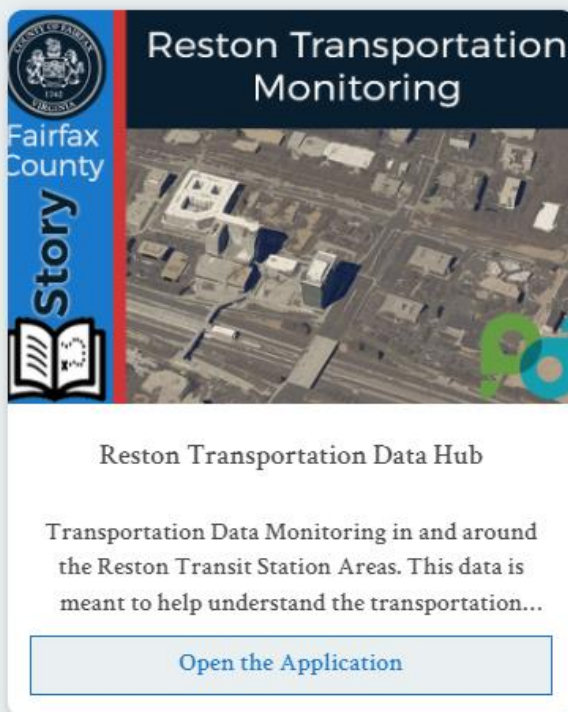
POPULATION AND JOBS SERVED WITHIN A QUARTER-MILE OF PEAK SERVICE

	EXISTING SERVICE		NEW SERVICE		PERCENT CHANGE	
	Population	Jobs	Population	Jobs	Population	Jobs
0-20 Minutes	71,900	65,600	114,100	96,700	+59%	+47%
21-30 Minutes	71,600	80,000	113,800	124,300	+59%	+56%
31+ Minutes	126,000	139,000	54,300	74,800	-57%	-46%

About the Site

Reston is an evolving community of great variety and opportunities. The Reston Data Dashboard tracks changes to land development in a creative and transparent manner. This site uses an interactive interface and map applications to demystify the data associated with development and infrastructure improvements, and information about transportation data, park implementation, and zoning activity in the Reston area.

The site currently conveys data collected in late 2019. Regular updates will reflect the most current information available to the community. The story map provided is in beta format, provide feedback using the contact information is located at the bottom of the page.



Reston Transportation Monitoring

Reston Transportation Data Hub

Transportation Data Monitoring in and around the Reston Transit Station Areas. This data is meant to help understand the transportation...

[Open the Application](#)

This card features a vertical sidebar on the left with the Fairfax County logo at the top, the word 'Story' in a blue box with an open book icon, and a '3' in a circle. The main image is an aerial view of a city street grid with a green and blue circular graphic in the bottom right corner.



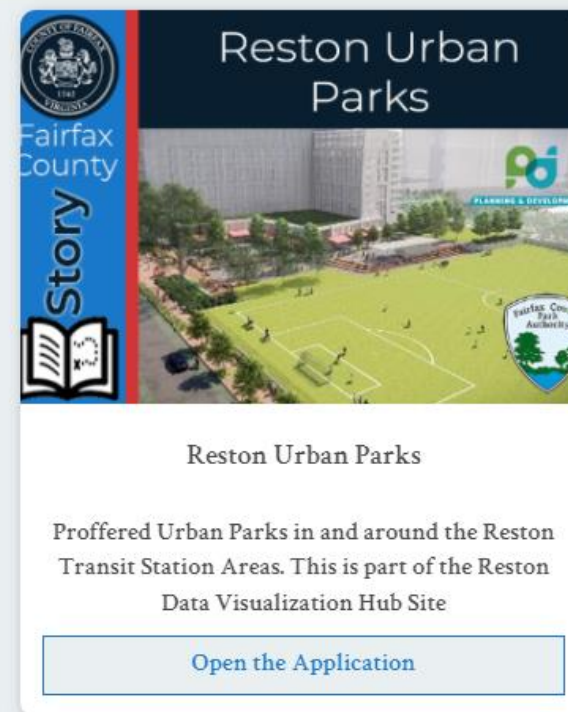
Reston Zoning Activity

Reston Zoning Activity Data Hub

Reston Zoning Activity - Interactive map featuring approved and proposed zoning applications within the Reston Transit Station...

[Open the Application](#)

This card features a vertical sidebar on the left with the Fairfax County logo at the top, the word 'App' in a blue box with a smartphone icon, and a '3' in a circle. The main image is a street-level view of a modern urban area with colorful flowers in the foreground and a green and blue circular graphic in the bottom right corner.



Reston Urban Parks

Reston Urban Parks

Proffered Urban Parks in and around the Reston Transit Station Areas. This is part of the Reston Data Visualization Hub Site

[Open the Application](#)

This card features a vertical sidebar on the left with the Fairfax County logo at the top, the word 'Story' in a blue box with an open book icon, and a '3' in a circle. The main image is an aerial view of a park area with a green field and buildings in the background, with logos for Fairfax County Planning & Development and Fairfax County Park Authority in the bottom right corner.



Reston Transportation Data Hub

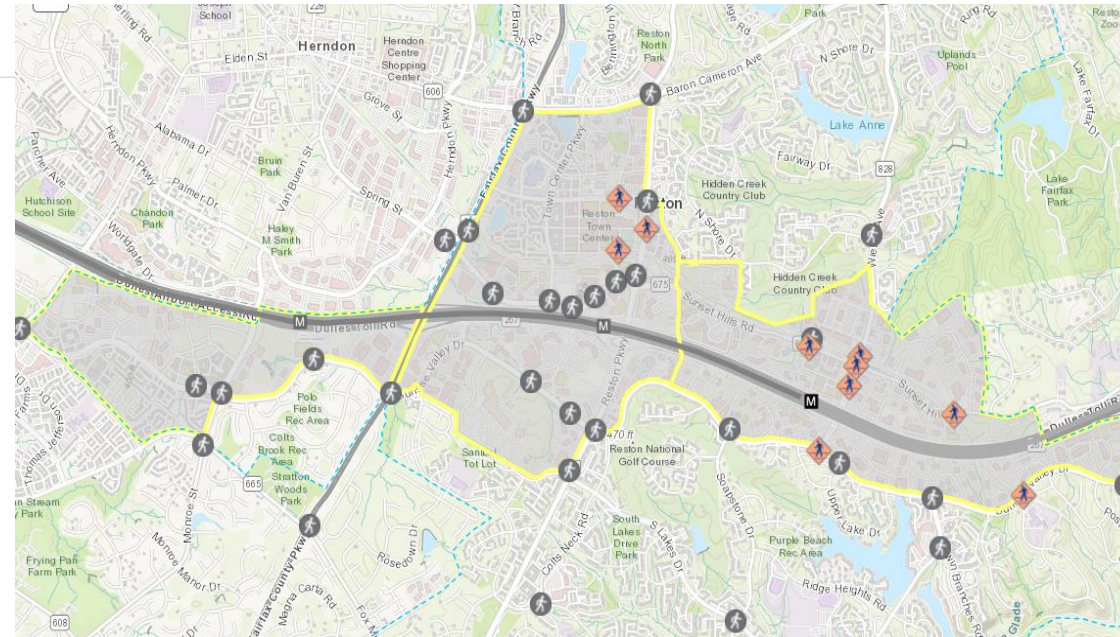
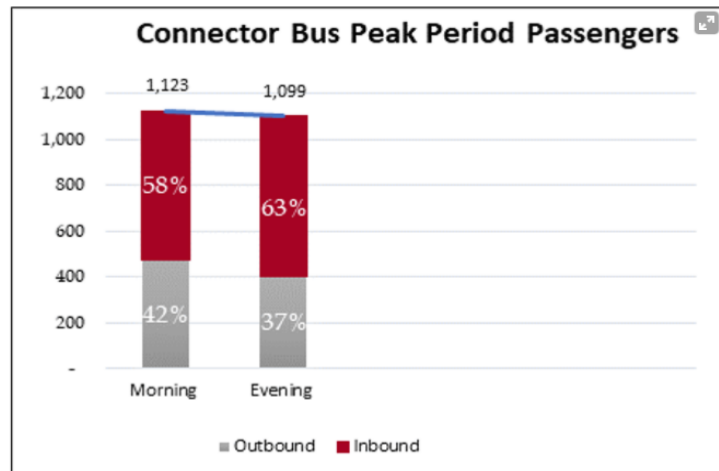
Reston Data Visualization

Reston Transportation Data Hub

- Introduction
- Travel Monitoring
- Transit Monitoring
- Pedestrian and Bike Monitoring
- Infrastructure Improvements
- Transportation Projects Costs

Transit Monitoring
(Fairfax Connector)

Figure 3: Bus Peak Period Passengers (Fall 2019)



[Reston Transportation Data Hub](#) | [Reston Data Visualization \(arcgis.com\)](#)



Reston Service District and Road Fund Rate Adjustments and Collections

FY 2024 Rate Recommendation



Role of Advisory Board

- **The Responsibilities of the advisory board include providing input on the following:**
 - The annual tax rate for the service district.
 - Project priorities of projects funded all or in part by the service district, and implementation schedule.
 - Occasional update of the Reston Transportation Funding Plan (RTFP).
 - The annual adjustment of road fund rates related to generating revenue for the local street network and intersection improvements.



County of Fairfax, Virginia

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	\$1,699,118		
Road Fund	2019	N/A	\$131,724		
Road Fund	2020	N/A	\$2,309,582		
Road Fund	2021	N/A	\$3,408,011		
Road Fund	2022	N/A	\$13,179,145		
Road Fund	2023	N/A	\$13,424		
Total Road Fund Collections			\$20,832,964	\$211,000,000	9.9%
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	\$2,308,810	\$2,306,308		
Service District	2022	\$2,308,810	\$2,378,237		
Service District	2023		\$2,590,681		
Total Service District Collections (includes interest)			\$12,452,204	\$139,895,725	8.9%
Total Received FY 2022			\$33,285,168	\$350,895,725	9.5%
Approved Projects		Total Project Estimate	Approved Amount	Funding Source	
Fairfax County Parkway and Sunrise Valley Drive Interim Improvement		\$2,000,000	\$2,000,000	Service District	
Reston Parkway at Baron Cameron Avenue - Intersection Improvement		\$2,500,000	\$2,500,000	Service District	
Total Approved Projects			\$4,500,000		
Balance of Road Fund and Service District Collections			\$28,785,168		



Road Fund Rate Adjustment

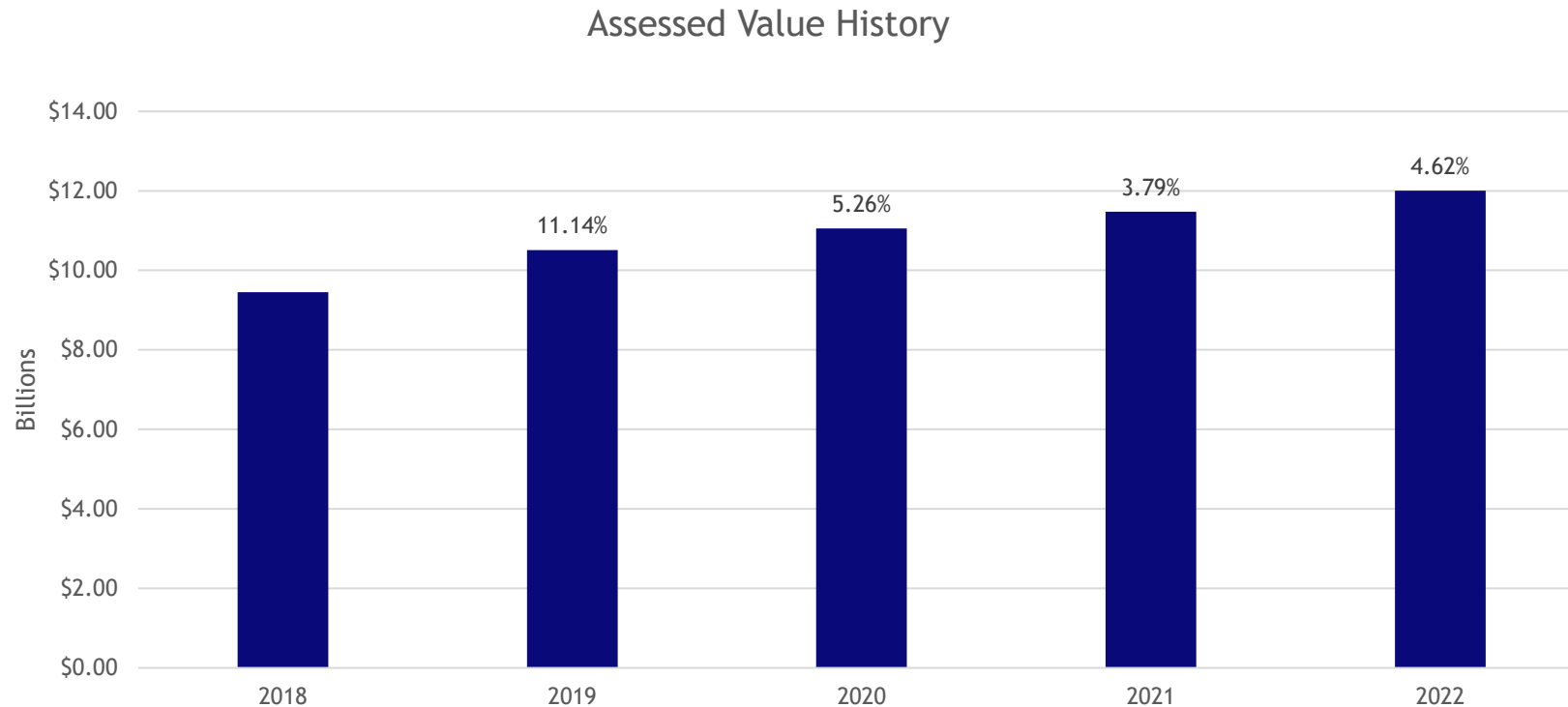
- County Road Fund rates are adjusted annually by the annual rate of inflation, as calculated by referring to the Consumer Price Index for all urban consumers (CPI-U), 1982-1984=100 (not seasonally adjusted) as reported by the United States Department of Labor, or Bureau of Labor Statistics.
- Proposed Rate Adjustment is 6.4% based on the CPI-U increase over the last 12 months for the month ended January 2023.
- The Board will vote on proposed rates on March 21, 2023.

Road Fund Area	Type	2022 Rate	Proposed 2023 Rate
Tysons	non-residential	\$5.20	\$5.54
	residential	\$1,154.47	\$1,228.36
Tysons-Wide	non-residential	\$7.02	\$7.47
	residential	\$1,244.41	\$1,324.06
Tysons-Grid of Streets	non-residential	\$8.01	\$8.52
	residential	\$1,244.41	\$1,324.06
Fairfax Center	non-residential	\$7.07	\$7.52
	residential	\$1,566.62	\$1,666.88
Centreville	non-residential	\$7.60	\$8.09
	residential	\$3,002.30	\$3,194.45
Reston	non-residential	\$11.16	\$11.87
	residential	\$2,438.73	\$2,594.81





Assessed Value History



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

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Project Prioritization

Reston Projects	TPE
Reston Roadway Projects	
Soapstone Road Extension (DTR Overpass)	\$235,000,000
Town Center Parkway Extension (DTR Underpass)	\$260,000,000
Reston Parkway Widening (South Lakes Drive to DTR)	\$27,300,000
Fairfax County Parkway HOV (DTR to West Ox Widening)	\$87,400,000
Fairfax County Parkway at Sunrise Valley Dr Interchange	\$437,100,000
South Lakes Drive Extension (DTR Overpass)	\$179,070,000
Fox Mill Road Widening (Reston Parkway to Monroe Street)	\$63,700,000
West Ox Rd Widening (Lawyers Road to Centreville Road)	\$109,300,000
Monroe Sreet Widening (West Ox Road to Town of Herndon)	\$87,400,000
Pinecrest Road Extension (South Lakes Drive to Sunrise Valley Drive)	\$27,300,000
Total Reston Roadway Projects	\$1,513,570,000
Reston Intersection Improvements	
Fairfax County Parkway at Sunrise Valley Drive (Interim)	\$2,121,800
Reston Parkway/ Baron Cameron Avenue	\$2,813,772
Reston Parkway/ Sunrise Valley Drive	\$16,882,632
Reston Parkway/ DTR WB on/off ramps	\$5,500,000
Reston Parkway/ Bluemont Way	\$4,400,000
Reston Parkway/ New Dominion Parkway	\$5,304,000
Centreville Road at Sunrise Valley Drive	\$10,900,000
Centreville Road/ DTR EB on/off ramps	\$1,500,000
Wiehle Avenue/ DTR EB on/off ramps	\$660,000
Hunter Mill Road/ Sunset Hills Road	\$3,500,000
Sunset Hills Road Realignment	TBD
Total Intersection Improvements	\$53,582,204

***Highlight indicates proposed project prioritization by Advisory Board Member**



Meeting Wrap Up/Looking Ahead

- The Board will hold public hearings on the FY2024 budget and tax rates on April 11-13, 2023
 - Will vote on Budget on May 9, 2023
 - On March 8, 2023, Board voted to advertise a \$0.021 rate for the Reston Service District
- Next Meeting will be in Fall 2023



Meeting Wrap Up/Looking Ahead (Contd.)

- Discussion of Project suggestions



Questions/Discussion