



Soapstone Drive Extension from Sunset Hills Road to Sunrise Valley Drive

NVTA FY2020-2025
SIX YEAR PROGRAM
Updated: 7/15/2020

Project Description

The Soapstone extension is a new roadway, approximately one-half mile long between Sunrise Valley Drive and Sunset Hills Road. The project is located just west of the Wiehle-Reston East Metrorail Station and would include a new (bridge) crossing over the Dulles Corridor. On the south, the proposed new road would be an extension of the existing north-south oriented Soapstone Drive where it intersects with Sunrise Valley Drive. After crossing the Dulles Corridor, the new roadway would terminate at a new intersection with Sunset Hills Road. The typical section of the new roadway features a three-lane cross-section (one travel lane in each direction and a two-way, left-turn-only lane); 5-foot wide on-road bicycle lanes on each side; a 5-foot wide concrete sidewalk on the west side; and a 10-foot wide shared use path on the east side, for a total width of about 100 feet. The proposed roadway would provide an additional crossing to supplement two existing crossings of the Dulles Corridor in Reston: Reston Parkway and Wiehle Avenue. The project would provide additional capacity across the Dulles Corridor, reduce congestion and delay at intersections along Wiehle Avenue, and improve accessibility and mobility to and within the area surrounding the Wiehle-Reston East Metrorail Station. By including bike lanes, sidewalks and an additional facility for local and regional transit operators to utilize, the project improves multimodal connectivity to the Wiehle-Reston East Metrorail Station.

Primary Mode(s)

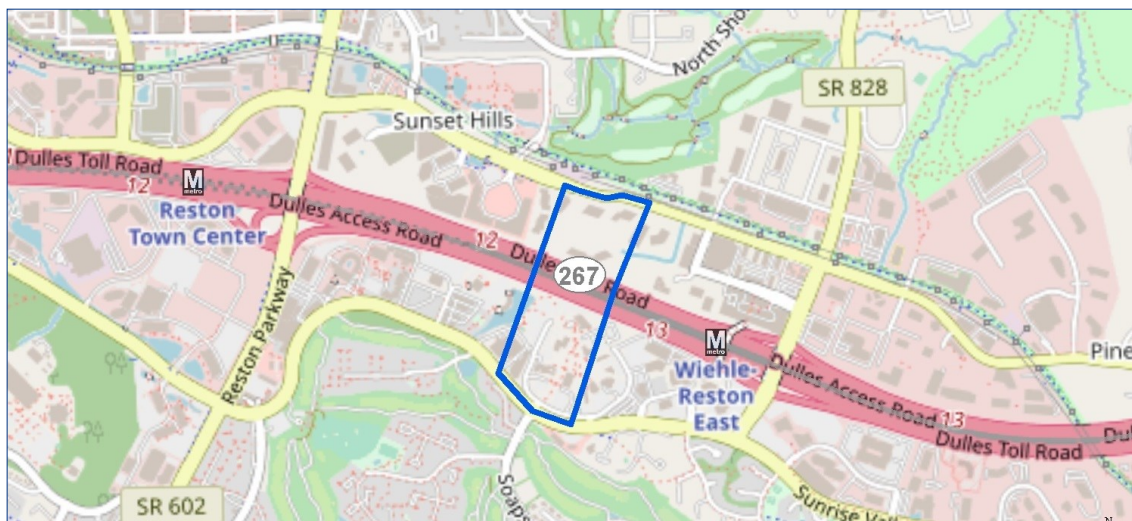


Secondary Mode(s)



Application Number	FFX-106
SPA Number	
TransAction ID Number	7
Submitting Jurisdiction/Agency	Fairfax Co
Location	Between Sunset Hills Rd and Sunrise Valley Dr.
Requested NVTA Funds	\$69,000,000
NVTA Funds Approved	\$15,000,000
Previous NVTA Funds Received	\$0
Total Cost to Complete Project	\$214,000,000

Project Location



Project Milestone

	Earlier	FY21	FY22	FY23	FY24	FY25	FY26	FY27	Beyond
Study									
Design, Engineering, Environmental Work		X	X	X	X	X			
Right of Way Acquisition						X	X	X	
Construction								X	2028 - 2030
Capital Asset Acquisitions									

Project Funding

	Requested NVTA Funds	NVTA Funds Approved	Previously Approved NVTA Funds	Other funding	Gap	Total Cost by Phase
Study	\$0	\$0	\$0	\$0	\$0	\$0
Design, Engineering, Environmental Work	\$1,000,000	\$1,000,000	\$0	\$8,200,000	\$0	\$9,200,000
Right of Way Acquisition	\$13,200,000	\$13,200,000	\$0	\$122,800,000	\$0	\$136,000,000
Construction	\$54,800,000	\$800,000	\$0	\$14,000,000	\$54,000,000	\$68,800,000
Capital Asset Acquisitions	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL	\$69,000,000	\$15,000,000	\$0	\$145,000,000	\$54,000,000	\$214,000,000

Fairfax County will apply for funding through future Smart Scale and NVTA SYP processes in the future if needed.

Project Analysis Highlights

	Rating	Rank
Congestion Reduction Relative to Cost (CRRC)	8.86	29
TransAction Project Performance	57.41	19
Project's Past Performance (Percentage of expected funds that was reimbursed by 12/31/2019)		Not applicable
Jurisdiction/Agency's Past Performance on All Projects (Percentage of expected funds that was reimbursed by 12/31/2019)		59.40%
Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA		68.00%
Local Priority		4
Number of Supporting Resolutions (does not include resolution from applicant's own Board/Council)		0
NVTA-Funded Project(s) Nearby	Number	NVTA Funds Allocated
	0	\$0

Notes: None.