



Northern Virginia Transportation Authority FY2022-2027 Six Year Program

Date Submitted: 10/01/2021

Soapstone Drive Extension

APPLICATION #: FFX-121

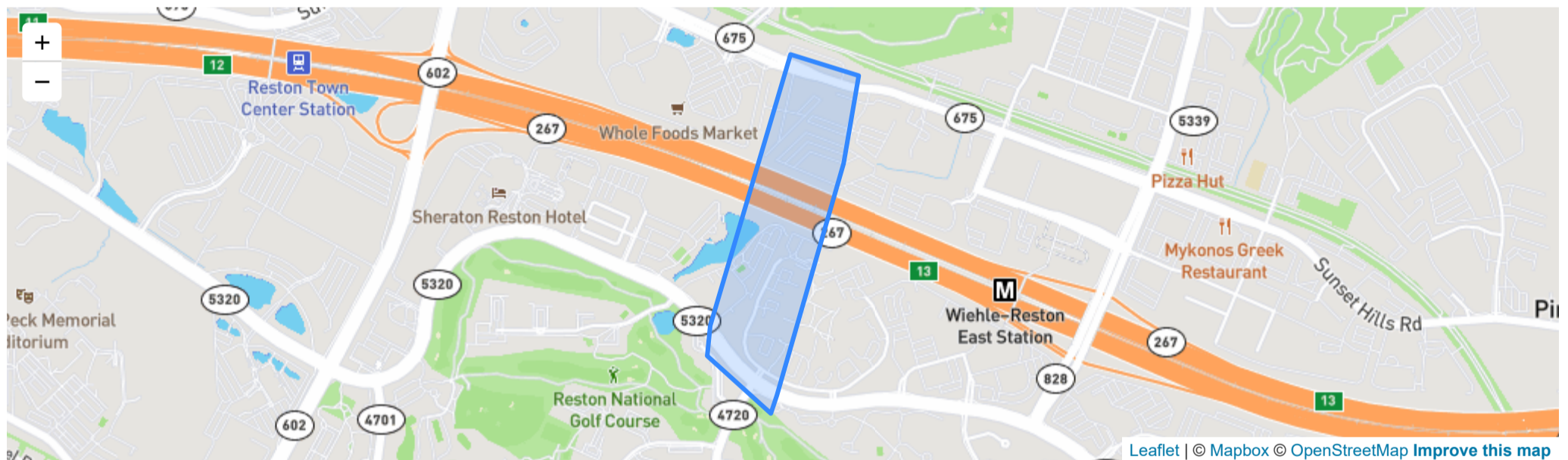
Soapston Drive Extension from Sunset Hills Road to Sunrise Valley Drive

Project Description

The Soapstone 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); on-road bicycle lanes on each side; a concrete sidewalk on the west side; and a shared use path on the east side. 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-121
Primary TransAction ID Number	7
Submitting Jurisdiction/Agency	Fairfax County
Location	Extension of Soapstone Drive over the Dulles Toll Road in the Hunter Mill District. The extension spans from Sunrise Valley Drive in the south, to Sunset Hills Road in the north.
Requested NVTA Funds	\$73,793,037.00
NVTA Funds Approved	N/A
Previous NVTA Funds Received	\$15,000,000.00
Total Cost to Complete Project	\$235,000,000.00

Project Location



Project Milestones

	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition
Earlier					
FY21		X			
FY22		X			
FY23		X			
FY24		X			
FY25		X	X		
FY26		X	X		
FY27			X	X	
Beyond				X	

Project Funding

Source	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition	Total
Total Cost	\$0	\$9,200,000	\$136,806,963	\$88,993,037	\$0	\$235,000,000
NVTA Funds Applied	\$0	\$1,000,000	\$12,800,000	\$59,993,037	\$0	\$73,793,037
Local		\$8,200,000	\$111,349,963	\$4,800,000		\$124,349,963
Revenue Sharing		\$0	\$6,357,000			\$6,357,000
RSTP			\$6,300,000	\$9,200,000		\$15,500,000
Previous NVTA 70%				\$15,000,000		\$15,000,000
Total Other	\$0	\$8,200,000	\$124,006,963	\$29,000,000	\$0	\$161,206,963
Gap	\$0	\$0	\$0	\$0	\$0	\$0

Project Analysis Highlights

Congestion Reduction Relative to Cost (CRRC) Rating	4.65
Congestion Reduction Relative to Cost (CRRC) Rank	19
TransAction Project Rating	19.65
TransAction Project Rank	10
Project's Past Performance (Percentage of expected funds that was reimbursed by 12/31/2021)	N/A
Jurisdiction/Agency's Past Performance on All Projects (Percentage of expected funds that was reimbursed by 12/31/2021)	47 %
Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA	62 %
Local Priority	3
Number of Supporting Resolutions (does not include resolution from applicant's own Board/Council)	0
Number of NVTA-Funded Project(s) Nearby	0
Regional Funds allocated to NVTA-Funded Project(s) Nearby	\$0