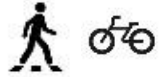




Soapstone Drive Extension

Extend Soapstone Drive over Dulles Toll Road to Sunset Hills Road

Project Description



The Soapstone Connector 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.

Reference Number: 2018-008-0
TransAction ID: 7
Submitting Jurisdiction/Agency: Fairfax County
Location: Soapstone Drive (over Dulles Toll Road to Sunset Hills Road)
Requested NVTA Funds: \$132,060,000
Total Cost to Complete Project: \$169,240,000

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.

Project Location



Project Milestones

	Before FY2018	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	After FY2023
Design, Engineering, Environmental Work		X	X	X	X	X		
Right of Way Acquisition						X	X	X
Construction								X

Project Funding

	Requested NVTA Funds	Other Funding Sources	Total Cost by Phase
Design, Engineering, Environmental Work		\$7,740,000 (NVTA 30%)	\$7,740,000
Right of Way Acquisition	\$104,660,000	\$4,900,000 (RSTP)	\$116,100,000
Construction	\$27,400,000		\$45,400,000
TOTAL:	\$132,060,000	\$12,640,000	\$169,240,000

Note: There is a funding gap of \$24,540,000 for which requests have been made to the Commonwealth Transportation Board for Revenue Sharing and RSTP funds.

Project Analysis Highlights

Congestion Reduction Relative to Cost Ratio (Total Cost in \$1000's):	9.25
Congestion Reduction Relative to Cost Ratio Rank (Total Cost in \$1000's):	41
TransAction Project Rating:	67.47
TransAction Project Rating Rank:	32

Note: The project analysis above was completed by NVTA staff using data and information from the project application and analyses of the region's transportation network.

Regional Impacts

- Provide new capacity parallel to Wiehle Avenue and Reston Parkway
- Connect the north and south sides of the Dulles Toll Road, in the Wiehle-Reston East Transit Station Area
- Additional mobility within the Activity Center for vehicles, pedestrians, cyclists and buses
- Improve additional access to jobs in the area between the Wiehle-Reston East and Reston Town Center Metrorail Stations.
- Provide an additional option for travelers heading north and south

Note: The regional impacts listed above are a summary of what was submitted in the project application NVTA staff received from the jurisdiction or agency that has applied for funding.