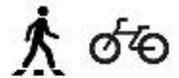




Dulles Toll Road – Town Center Parkway Underpass



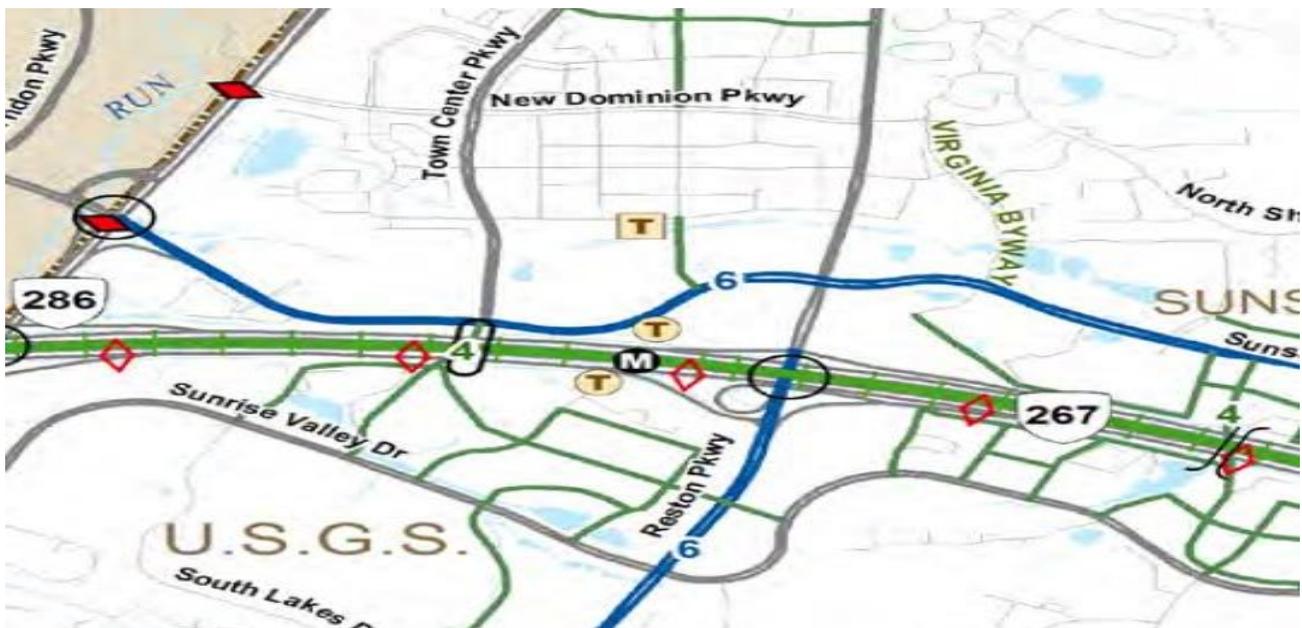
Project Description

This project will be the construction of a four-lane divided roadway under the Dulles Toll Road from Sunrise Valley Drive to Sunset Hills Road. The facility will also include bike and pedestrian facilities linking the mixed-use areas north and south of the Dulles Toll Road.

The extension of Town Center Parkway from Sunset Hills Road to Sunrise Valley Drive west of Edmund Haley Drive is recommended in the County’s Comprehensive Plan. This improvement is necessary to achieve the vision of the Reston Transit Station Areas, and enhance connectivity of the overall roadway network. Considering the construction of the underpass structure beneath an active Metrorail line in the future would cause significant interruption to the rail service, Fairfax County and the Metropolitan Washington Airports Authority (MWAA) have worked together to advance design and construction of the rail support structure as part of the Phase 2 Dulles Metrorail project that passes over the future underpass, thus allowing Metrorail tracks to span the future roadway extension. Graphics for conceptual design, and typical cross section are provided below and also as Attachment C.

Reference Number: 2018-018-0
TransAction ID: 17
Submitting Jurisdiction/Agency: Fairfax County
Location: Under Dulles Toll Road from Sunrise Valley Drive to Sunset Hills Road
Requested NVTA Funds: \$17,000,000
Total Cost to Complete Project: \$168,980,000

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	
Construction								X

Project Funding

	Requested NVTA Funds	Other Funding Sources	Total Cost by Phase
Design, Engineering, Environmental Work	\$17,000,000		\$17,000,000
Right of Way Acquisition			\$50,500,000
Construction			\$101,480,000
TOTAL:	\$17,000,000		\$168,980,000

Note: There is a funding gap of \$151,980,000 which Fairfax County plans to pursue through the state’s Smart Scale program, the NVTA’s next Call for Projects or other local, federal, and/or private sources.

Project Analysis Highlights

Congestion Reduction Relative to Cost Ratio (Total Cost in \$1000’s):	5.35
Congestion Reduction Relative to Cost Ratio Rank (Total Cost in \$1000’s):	47
TransAction Project Rating:	72.40
TransAction Project Rating Rank:	14

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 additional route options within the Activity Center for vehicles, as well as pedestrians and cyclists by connecting the north and south sides of the Dulles Toll Road
- Improve access to jobs in the area surrounding the Reston Town Center Metrorail Station.
- Relieve congestion and provide an additional option for travelers heading north and south in the area that is not Fairfax County Parkway or Reston Parkway
- Provides resiliency in the system

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.