



Dulles West Boulevard Widening

Loudoun County Parkway to Northstar Boulevard

Project Description



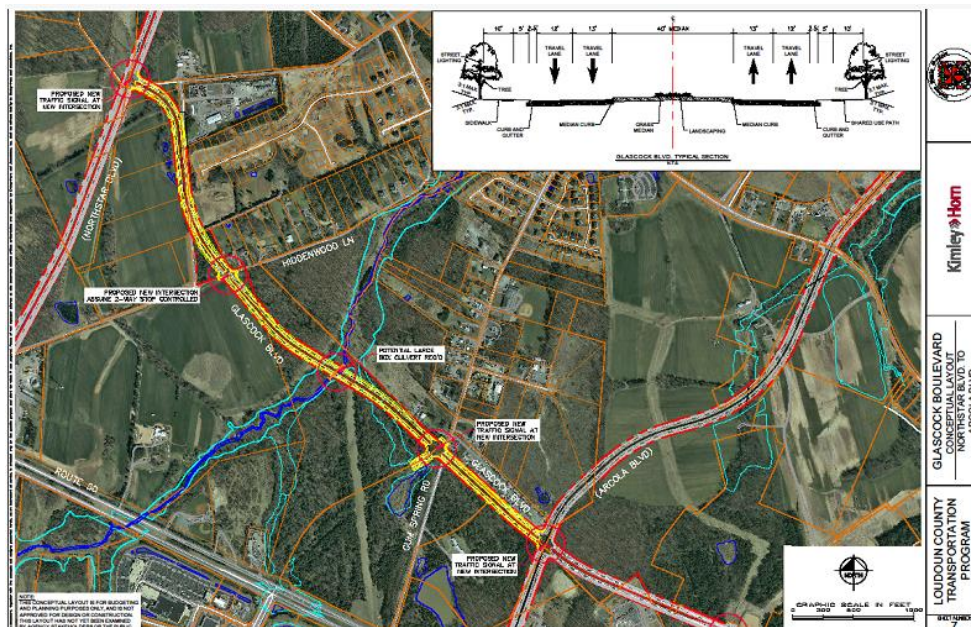
The Dulles West Boulevard project provides for the design, right of way acquisition, and construction of a major collector roadway from Northstar Boulevard to Loudoun County Parkway. The project includes the construction of a four-lane median divided roadway for approximately 2 miles within a 120 foot right of way and six signalized intersections. This project will include the construction or modification of the following at-grade intersections with Dulles Boulevard.

Reference Number: 2018-028-0
TransAction ID: 160
Submitting Jurisdiction/Agency: Loudoun County
Location: See map below
Requested NVTA Funds: \$47,800,000
Total Cost to Complete Project: \$59,314,000

- Northstar Boulevard
- Stone Springs Boulevard
- Arcola Boulevard
- Hutchinson Farm Drive
- Dulles Landing Drive
- Loudoun County Parkway

Dulles West Boulevard will allow east/west trips to navigate through the County without adding to the congestion of local streets in the urban growth area. In the future, Route 50 is planned to be limited access and this project will provide local access to businesses and an alternative route to U.S. Route 50 and Evergreen Mills Road. In addition to benefiting vehicular travel, Dulles West Boulevard will be designed to further promote the county’s commitment to high quality multimodal facilities and will include a 10’ foot shared use path one either side of the roadway to enhance the safety and mobility of pedestrian and bicycle movements. The road also supports the growth and development of the Arcola Center planned mixed use community and provides multimodal links to a planned 200 space park and ride facility, and supports the travel of residents and visitors of this community to access residential neighborhoods, retail, and employment centers.

Project Location



Project Milestones (Dulles Landing to Arcola Boulevard)

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

Project Milestones (Arcola Boulevard to Northstar)

	Before FY2018	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	After FY2023
Design, Engineering, Environmental Work					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	\$4,100,000	\$6,000,000 (Loudoun County)	\$10,100,000
Right of Way Acquisition	\$6,000,000	\$3,000,000 (Loudoun County)	\$9,000,000
Utilities Relocations	\$1,000,000		\$1,000,000
Construction	\$36,700,000	\$2,514,000 (Loudoun County)	\$39,214,000
TOTAL:	\$47,800,000	\$11,514,000	\$59,314,000

Project Analysis Highlights

Congestion Reduction Relative to Cost Ratio (Total Cost in \$1000's):	30.01
Congestion Reduction Relative to Cost Ratio Rank (Total Cost in \$1000's):	22
TransAction Project Rating:	72.51
TransAction Project Rating Rank:	13

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

- Enable congestion reduction and travel time improvement
- Increase access to employees, markets, jobs and destinations

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.