



Evergreen Mills Road Widening: Loudoun County Parkway to Northstar Boulevard

Project Description



Evergreen Mills Road (VA 621) between Northstar Boulevard (Route 659 relocated) and Loudoun County Parkway is planned to be widened from a two-lane to four-lane divided roadway. This major collector road will be designed and constructed to VDOT standards and become part of the VDOT maintenance system. Evergreen Mills Road is planned to be an essential component of the road network in the western Dulles. The road analyzed as part of the Western Dulles Access Study and was identified as a future potential roadway to facilitate a west access point to Dulles Airport. This project upgrades the facility to be able to support larger volumes of traffic, providing additional capacity to accommodate future potential airport traffic and relieving congestion on other east west routes in the area, particularly those that provide connections to Route 606, VA 28, the Dulles Toll Road, and the future Metrorail stations. Evergreen Mills Road also provides regional connectivity to Leesburg from Route 606 west of Dulles Airport. Intersection improvements will be integrated into the widening plan; the improvements are expected to enhance safety through the intersection by reducing congestion and provide right of way for left-turning vehicles. There are 5 major intersections that will need to be improved as part of this 2-mile widening project. The western terminus of this project will include directional ramps that connect Evergreen Mills Road up to Northstar Boulevard that will bridge over Evergreen Mills Road and the Broad Run floodplain. Belmont Ridge Road, Stone Spring Boulevard, and Arcola Boulevard are all intersections in the middle of this widening project that will need to be modified to accommodate the additional through lanes and turn lanes while improving the safety at those locations. The eastern terminus of this widening project is at Loudoun County Parkway (Route 606).

Reference Number: 2018-025-0
TransAction ID: 179
Submitting Jurisdiction/Agency: Loudoun County
Location: Loudoun County Pkwy to Northstar Blvd
Requested NVTA Funds: \$46,092,000
Total Cost to Complete Project: \$68,885,000

The construction of bike and pedestrian facilities will be included as part of this project. Economically, the widening of Evergreen Mills road supports the growth and development of the Brambleton community as well as the planned Arcola Center mixed use development and other recognized growth areas in the county, by providing additional capacity of east west routes and improving accessibility to residential neighborhoods, retail, and employment centers.

Project Location



Project Milestones

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

Project Funding

	Requested NVTA Funds	Other Funding Sources	Total Cost by Phase
Design, Engineering, Environmental Work	\$6,000,000	\$5,285,000 (Loudoun County CIP)	\$11,285,000
Right of Way Acquisition		\$7,000,000 (Loudoun County CIP)	\$7,000,000
Utilities Relocations	\$5,000,000	\$1,600,000 (Loudoun County CIP)	\$6,600,000
Construction	\$35,092,000	\$8,908,000 (Loudoun County CIP)	\$44,000,000
TOTAL:	\$46,092,000	\$22,793,000	\$68,885,000

Project Analysis Highlights

Congestion Reduction Relative to Cost Ratio (Total Cost in \$1000's):	2.98
Congestion Reduction Relative to Cost Ratio Rank (Total Cost in \$1000's):	53
TransAction Project Rating:	66.32
TransAction Project Rating Rank:	41

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

- Enhance quality of life and economic strength
- Reduce congestion and improve travel time
- 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.