





Construct Crosstrail Boulevard (Route 653): Sycolin Road to Dulles Greenway (Route 267)

NVTA FY2020-2025
SIX YEAR PROGRAM
Updated: 3/5/2020

Project Description

This application proposes to construct the last portion of Crosstrail Boulevard, a 1/2 mile segment, between Sycolin Road and the Dulles Greenway. The conceptual plan design proposes to provide an S-curve connection between the Dulles Greenway interchange and Sycolin Road. The project is assumed to have a major bridge crossing of Sycolin Creek as it travels east from the Dulles Greenway to land beyond the existing floodplain between Sycolin Road and the Dulles Greenway, including connection to the Dulles Greenway at the existing Shreve Mill Road Interchange. The total length of this portion of Crosstrail Boulevard is approximately 2,600 linear feet. This is a new roadway on a new alignment.

A portion of Crosstrail Boulevard from Sycolin Road to Claudia Drive was opened to traffic in June of 2019. When Segment B (Russell Branch Parkway) starts construction later this year and completed, there will be a continuous 4-lane roadway connection from the Dulles Greenway to Route 7. The proposed alignment in this Application for Crosstrail Boulevard will cross Sycolin Creek as well as two additional unnamed tributaries to Sycolin Creek and reconstruct its interchange at Shreve Mill Road and the Dulles Greenway. Topography along the proposed alignment is steep with grade changes of approximately sixty feet (60') along the alignment. It is assumed that the construction of the subject portion of Crosstrail Boulevard will result in the closure and abandonment of Shreve Mill Road between Sycolin Road and the Dulles Greenway and the elimination of a dangerous intersection. With the construction of this segment of Crosstrail Boulevard, Transaction Project #185 (Crosstrail Boulevard: Route 7 to Dulles Greenway, will be completed.

Primary Mode(s)	Secondary Mode(s)
	
Application Number	LDN-016
SPA Number	
TransAction ID Number	185
Submitting Jurisdiction/Agency	Loudoun Co
Location	Between Sycolin Rd and the Dulles Greenway.
Requested NVTA Funds	\$36,700,000
NVTA Funds Approved	
Previous NVTA Funds Received	\$0
Total Cost to Complete Project	\$42,940,000

Project Location



Project Milestone

	Earlier	FY21	FY22	FY23	FY24	FY25	FY26	FY27	Beyond
Study									
Design, Engineering, Environmental Work		X							
Right of Way Acquisition				X					
Construction						X			
Capital Asset Acquisitions									

Project Funding

	Requested NVTA Funds	Previously Approved NVTA Funds	Other funding	Gap	Total Cost by Phase
Study	\$0	\$0	\$0	\$0	\$0
Design, Engineering, Environmental Work	\$0	\$0	\$2,940,000	\$0	\$2,940,000
Right of Way Acquisition	\$0	\$0	\$3,300,000	\$0	\$3,300,000
Construction	\$36,700,000	\$0	\$0	\$0	\$36,700,000
Capital Asset Acquisitions	\$0	\$0	\$0	\$0	\$0
TOTAL	\$36,700,000	\$0	\$6,240,000	\$0	\$42,940,000

Project Analysis Highlights

	Rating	Rank
Congestion Reduction Relative to Cost (CRRC)	29.39	13
TransAction Project Performance	50.48	40
Project's Past Performance (Percentage of expected funds that was reimbursed by 12/31/2019)		Not applicable
Jurisdiction/Agency's Past Performance on All Projects (Percentage of expected funds that was reimbursed by 12/31/2019)		54.90%
Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA		15.00%
Local Priority		1
Number of Supporting Resolutions (does not include resolution from applicant's own Board/Council)		0
NVTA-Funded Project(s) Nearby	Number	NVTA Funds Allocated
	0	\$0

Notes: None.



Evergreen Mills Road Widening from Northstar Boulevard to Stone Springs Boulevard

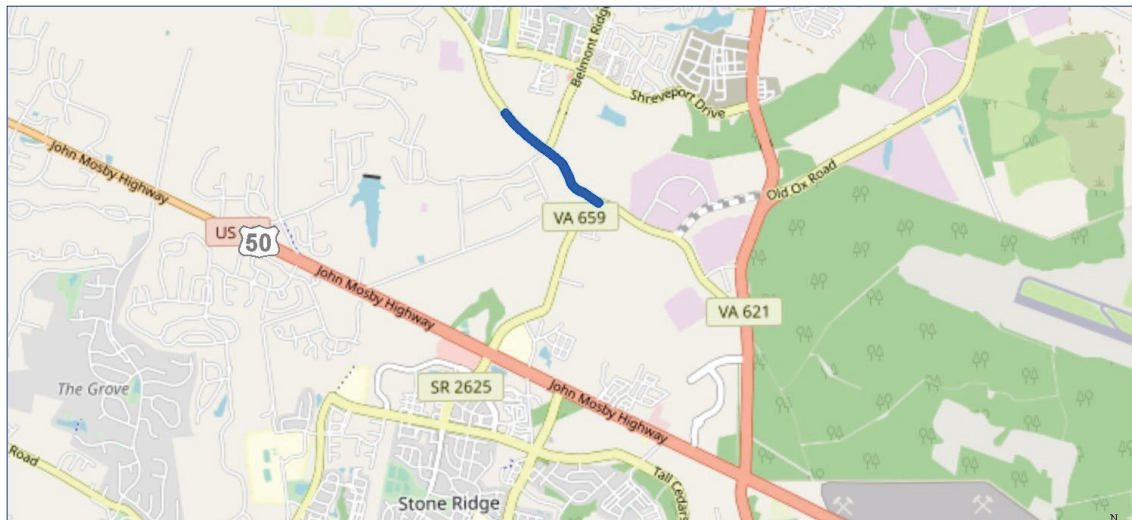
NVTA FY2020-2025
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Project Description

The portion of Evergreen Mills Road subject to this study extends between the proposed Northstar Boulevard extension and Belmont Ridge Road. The total length of this portion of Evergreen Mills Road is approximately 1,900 linear feet long. Evergreen Mills Road for the entire study area has been constructed as a two-lane undivided roadway with a shoulder and ditch. Several driveways are located along this segment of Evergreen Mills Road serving private properties along the segment. There is one signalized intersection within the study limits, at Belmont Ridge Road. The portion of Evergreen Mills Road subject to this study extends between Belmont Ridge Road and Stone Springs Boulevard. The total length of this portion of Evergreen Mills Road is approximately 2,200 linear feet. Evergreen Mills Road for the entire study area has been constructed as a two-lane undivided roadway with a shoulder and ditch. Several driveways are located along this segment of Evergreen Mills Road serving private properties along the segment. There is one signalized intersection within the study limits at Belmont Ridge Road and one at Stone Springs Boulevard.

Primary Mode(s)	Secondary Mode(s)
Application Number	LDN-019
SPA Number	
TransAction ID Number	179
Submitting Jurisdiction/Agency	Loudoun Co
Location	Between Northstar Blvd and Stone Springs Blvd.
Requested NVTA Funds	\$18,000,000
NVTA Funds Approved	
Previous NVTA Funds Received	\$0
Total Cost to Complete Project	\$35,500,000

Project Location



Project Milestone

	Earlier	FY21	FY22	FY23	FY24	FY25	FY26	FY27	Beyond
Study									
Design, Engineering, Environmental Work				X		X			
Right of Way Acquisition				X		X			
Construction					X	X			
Capital Asset Acquisitions									

Project Funding

	Requested NVTA Funds	Previously Approved NVTA Funds	Other funding	Gap	Total Cost by Phase
Study	\$0	\$0	\$0	\$0	\$0
Design, Engineering, Environmental Work	\$4,300,000	\$0	\$6,000,000	\$0	\$10,300,000
Right of Way Acquisition	\$4,000,000	\$0	\$5,500,000	\$0	\$9,500,000
Construction	\$9,700,000	\$0	\$6,000,000	\$0	\$15,700,000
Capital Asset Acquisitions	\$0	\$0	\$0	\$0	\$0
TOTAL	\$18,000,000	\$0	\$17,500,000	\$0	\$35,500,000

Project Analysis Highlights

	Rating	Rank
Congestion Reduction Relative to Cost (CRRC)	25.41	15
TransAction Project Performance	53.05	35
Project's Past Performance (Percentage of expected funds that was reimbursed by 12/31/2019)		Not applicable
Jurisdiction/Agency's Past Performance on All Projects (Percentage of expected funds that was reimbursed by 12/31/2019)		54.90%
Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA		49.00%
Local Priority		4
Number of Supporting Resolutions (does not include resolution from applicant's own Board/Council)		0
NVTA-Funded Project(s) Nearby	Number	NVTA Funds Allocated
	1	\$64,805,000

Notes: None.

