



Northern Virginia Transportation Authority FY2022-2027 Six Year Program

Ryan Road Widening (Phase 2)


Date Submitted: 09/30/2021

APPLICATION #: LDN-024

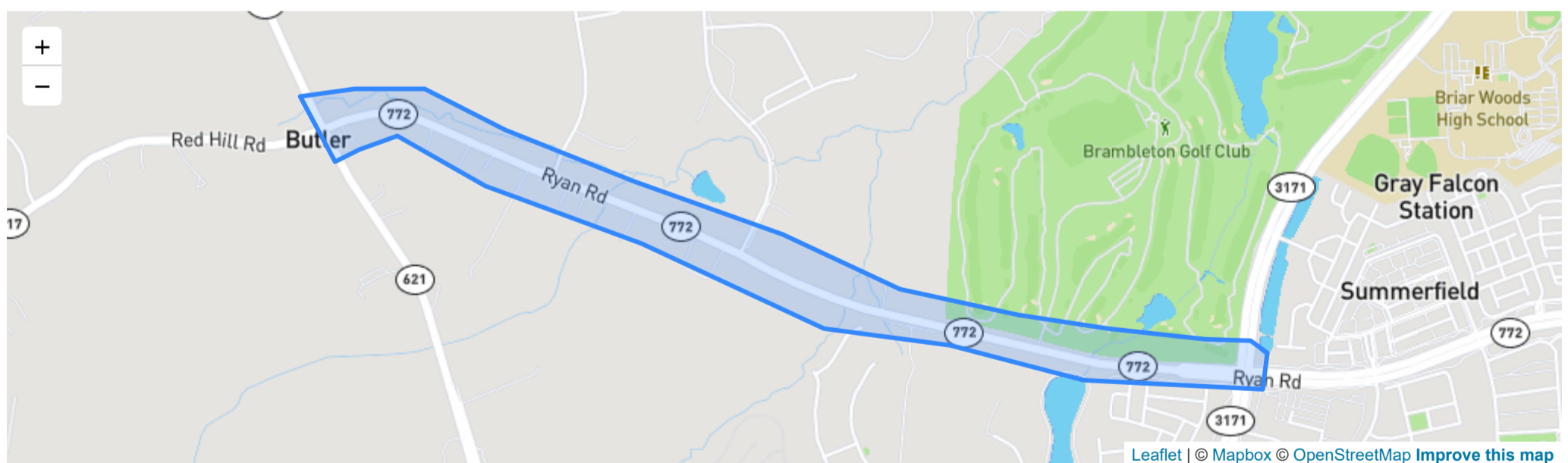
Evergreen Mills Road to Beaverdam Drive

Project Description

The project limits extends between Evergreen Mills Road and Northstar Boulevard. The total length of this portion of Ryan Road is approximately 1.45 miles long. Ryan Road is constructed as a 2-lane undivided roadway with shoulders between Evergreen Mills Road and Breezy Hollow Drive. Between Breezy Hollow Drive and Northstar Boulevard Ryan Road transitions to a 4-lane median divided section with curb and gutter. Left and right turn lanes have been constructed at Beaverdam Drive and Conservancy Drive. Signals are installed at the intersections with Evergreen Mills Road and Northstar Boulevard. Phase 1 of the project between Northstar Blvd and Beaverdam Road, includes widening of Ryan Road to a 4-lane divide roadway, and is proffered by the Brambleton developer. This phase is currently under construction. Phase 2 of the project provides for the planning, design, right-of-way acquisition, and widening of Ryan Road between Evergreen Mills Road (Route 621) and Beaverdam Drive (Route 2475). Ryan Road when completed will be a Major Collector with controlled access, on a four-lane, median divided facility with shared use paths on both sides of the road within a 120-foot-wide right-of-way. The scope of work also includes modifications at the Evergreen Mills Road intersection to accommodate the four-lane roadway. Brambleton is zoned for a full range of residential and commercial uses. The overall layout of Brambleton will include 9,000 residential units, including an active adult community; a Town Center with 300,000 square feet of retail space and 200,000 square feet of office space; an additional 150,000 square feet of neighborhood retail and 20,000 square feet of commercial office; and 1,760,000 square feet of light industrial/flex space.

Primary Mode(s)	Secondary Mode(s)
	
Application Number	LDN-024
Primary TransAction ID Number	144
Submitting Jurisdiction/Agency	Loudoun County
Location	Ryan Road, State Route 772 runs between Loudoun County Parkway and Evergreen Mills Road. The project limits for this phase is Beaverdam Road to Evergreen Mills Road. The phase between Beaverdam Road and Northstar Boulevard will be constructed by the developer of Brambleton in conjunction with the County portion that is the subject of this application.
Requested NVTA Funds	\$16,000,000.00
NVTA Funds Approved	N/A
Previous NVTA Funds Received	\$0.00
Total Cost to Complete Project	\$31,500,000.00

Project Location



Project Milestones

	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition
Earlier					
FY21					
FY22		X			
FY23		X			
FY24		X			
FY25			X		
FY26			X		
FY27			X	X	
Beyond				X	

Project Funding

Source	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition	Total
Total Cost	\$0	\$2,000,000	\$4,500,000	\$25,000,000	\$0	\$31,500,000
NVTA Funds Applied	\$0	\$0	\$2,000,000	\$14,000,000	\$0	\$16,000,000
NVTA 30%			\$200,000	\$0		\$200,000
Revenue Sharing		\$0	\$0	\$5,500,000		\$5,500,000
Local		\$2,000,000	\$2,300,000	\$5,500,000		\$9,800,000
Total Other	\$0	\$2,000,000	\$2,500,000	\$11,000,000	\$0	\$15,500,000
Gap	\$0	\$0	\$0	\$0	\$0	\$0

Project Analysis Highlights

Congestion Reduction Relative to Cost (CRRC) Rating	17.50
Congestion Reduction Relative to Cost (CRRC) Rank	13
TransAction Project Rating	9.28
TransAction Project Rank	20
Project's Past Performance (Percentage of expected funds that was reimbursed by 12/31/2021)	N/A
Jurisdiction/Agency's Past Performance on All Projects (Percentage of expected funds that was reimbursed by 12/31/2021)	56 %
Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA	49 %
Local Priority	4
Number of Supporting Resolutions (does not include resolution from applicant's own Board/Council)	0
Number of NVTA-Funded Project(s) Nearby	3
Regional Funds allocated to NVTA-Funded Project(s) Nearby	\$96,805,000