



Route 234 and Sudley Manor Drive Interchange

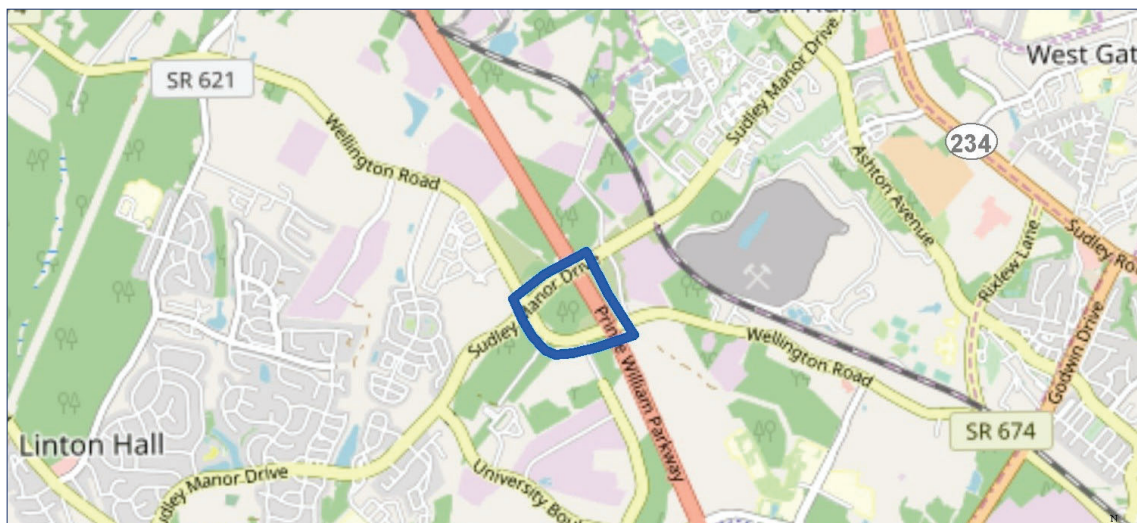
NVTA FY2020-2025
SIX YEAR PROGRAM
Updated: 3/5/2020

Project Description

The project consists of constructing improvements at the intersection of Route 234 (Prince William Parkway) at Sudley Manor Drive and includes modifications to the intersection of Prince William Parkway and Wellington Road. The project will be designed and constructed as a single-point urban interchange (SPUI). The project will grade separate Prince William Parkway and Sudley Manor Drive to maintain free-flow on Prince William Parkway. Currently, through -traffic on Prince William Parkway experiences significant delays as a result of signalized intersections at both Sudley Manor Drive and Wellington Road, given that they are spaced less than 1,400' apart. Wellington Road will be bridged over Prince William Parkway and access to Prince William Parkway from Wellington Road will be diverted to the Prince William Parkway and Sudley Manor Drive intersection to improve operations. New signals are being proposed as part of the overall interchange design. The project will increase capacity and reduce congestion along this important corridor. Funding requested as part of the application will be for the design phase of the project. This location was reviewed under the VDOT Strategically Targeted Affordable Roadway Solutions (STARS) program, which is used to develop comprehensive, innovative transportation solutions to improve congestion and solve traffic and safety challenges in the state of Virginia. VDOT has invested \$400,000 in studying the Prince William Parkway Corridor for potential improvements to major intersections.

Primary Mode(s)	Secondary Mode(s)
Application Number	PWC-019
SPA Number	
TransAction ID Number	222
Submitting Jurisdiction/Agency	Prince William Co
Location	Rte. 234 and Sudley Manor Dr Interchange.
Requested NVTA Funds	\$10,000,000
NVTA Funds Approved	
Previous NVTA Funds Received	\$0
Total Cost to Complete Project	\$150,000,000

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	2028
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	\$10,000,000	\$0	\$0	\$0	\$10,000,000
Right of Way Acquisition	\$0	\$0	\$0	\$12,500,000	\$12,500,000
Construction	\$0	\$0	\$0	\$127,500,000	\$127,500,000
Capital Asset Acquisitions	\$0	\$0	\$0	\$0	\$0
TOTAL	\$10,000,000	\$0	\$0	\$140,000,000	\$150,000,000

This project will be submitted for SMART SCALE evaluation for FY2026-2027 Funding to cover the funding gap (right-of-way and construction).

Project Analysis Highlights

	Rating	Rank
Congestion Reduction Relative to Cost (CRRC)	1.07	40
TransAction Project Performance	57.94	15
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)		68.80%
Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA		0.00%
Local Priority		6
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	\$24,200,000

Notes: None.