

South George Mason Drive and South Four Mile Run Drive Intersection Improvements

Date Submitted:
07/31/2025

APPLICATION #: ARL-027

Including Grade-Separation of the Washington and Old Dominion (W&OD) Trail

Project Description

Design improved six-legged conventional intersection (South George Mason, South Four Mile Run Drive [Major] and South Four Mile Run Drive [Minor]) to improve safety for all users and to tie into new roadway sections of South George Mason Drive with two travel lanes in each direction and a new 12 foot wide multiuse trail on the east side (north of the intersection) and a new 12 foot wide multi use trail on the west side (south of the intersection). Design new grade separated crossing (bridge) of Washington and Old Dominion (W&OD) Trail over improved intersection for through movements and create new at-grade connections between relocated W&OD Trail in the vicinity of the new bridge and intersection and the new multiuse trail along South George Mason Drive. - Change SB approach from Thru Left, Thru, Thru Right to Left, Thru, Thru, Thru Right - Remove taper / receiving lane from WB departure - Add median separator for mid-intersection leg on SGMD between 4MR Major and Minor - Increase left turn storage for NB approach - Reduce crossing distances for all legs - Upgrade traffic signals and ped signals and ITS infrastructure

Primary Mode(s)	Secondary Mode(s)
	 
Application Number	ARL-027
Primary TransAction ID Number	72
Submitting Jurisdiction/Agency	Arlington County
Location	Intersection of South George Mason Drive and Four Mile Run Drive (Major and Minor)
Requested NVTA Funds	\$8,500,000.00
NVTA Funds Approved	N/A
Previous NVTA Funds Received	\$0.00
Total Cost to Complete Project	\$64,375,000.00

Project Location



Project Milestones

	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition
Earlier					
FY29					
FY30		X			
FY31		X	X		
Beyond		X	X	X	

Year of expected project completion: FY2036

Project Funding

Source	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition	Total
Total Cost	\$0	\$8,500,000	\$875,000	\$55,000,000	\$0	\$64,375,000
NVTA Funds Applied	\$0	\$8,500,000	\$0	\$0	\$0	\$8,500,000
Total Other	\$0	\$0	\$0	\$0	\$0	\$0
Gap	\$0	\$0	\$875,000	\$55,000,000	\$0	\$55,875,000

Project Analysis Highlights

Congestion Reduction Relative to Cost (CRRC) Rating	0.49
Congestion Reduction Relative to Cost (CRRC) Rank	23
TransAction Project Rating	7.87
TransAction Project Rank	17
Project's Past Performance (Percentage of expected funds that was reimbursed by 12/31/2025)	N/A
Jurisdiction/Agency's Past Performance on All Projects (Percentage of expected funds that was reimbursed by 12/31/2025)	75.69%
Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA	0.00%
Local Priority	2
Number of Supporting Resolutions (does not include resolution from applicant's own Board/Council)	1
Number of NVTA-Funded Project(s) Nearby	1
Regional Funds allocated to NVTA-Funded Project(s) Nearby	\$10,000,000