



Northern Virginia Transportation Authority FY2024-2029 Six Year Program

Date Submitted: 07/28/2023

Seven Corners Ring Road Improvements

APPLICATION #: FFX-138

Arlington Boulevard (Route 50) Westbound Ramp to Castle Place/Sleepy Hollow Road

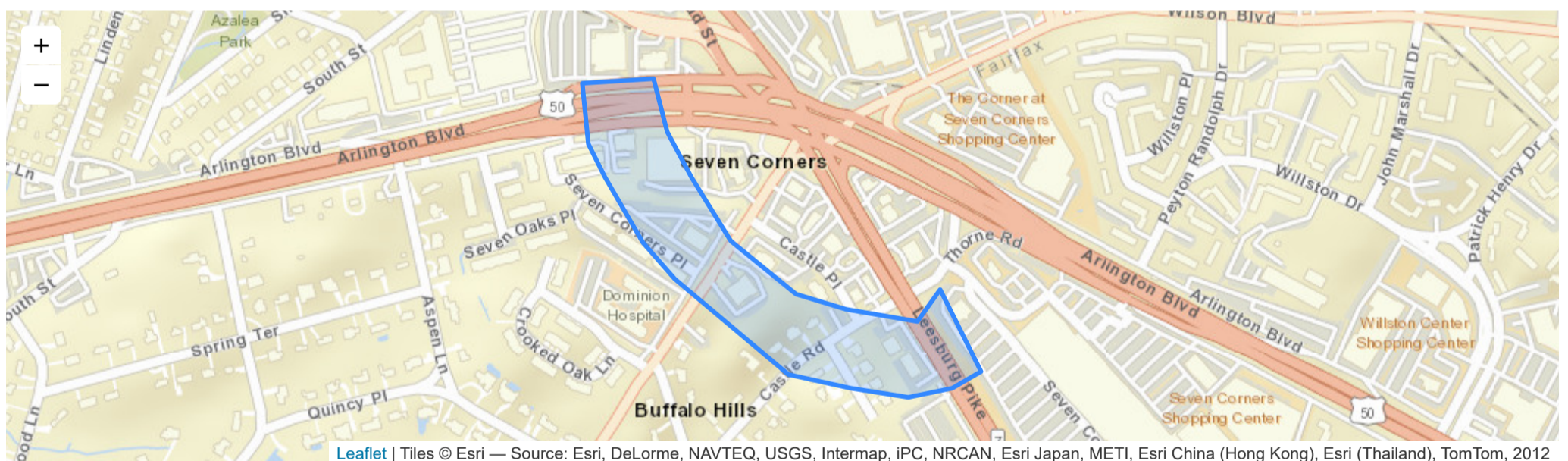
Project Description

The existing Seven Corners Interchange is a confusing confluence of major roads (Arlington Blvd (Route 50), Leesburg Pike (Route 7), and Wilson Blvd/Sleepy Hollow Road), multiple signalized intersections, extremely limited pedestrian facilities and no bicycle facilities. The interchange causes high levels of congestion, long periods of vehicular delay and safety concerns for pedestrians, bicyclists and transit users. The proposed "Ring Road" concept will help move traffic around the interchange area, converting the section of Route 7 where it crosses over Route 50 into a one-way couplet, and closing some of the Seven Corners roads such as Hillwood Avenue to increase capacity for the other connections. Phase 1A, Segment A of the Seven Corners Ring

Road Improvements project includes the construction of a portion of the Seven Corners "Ring Road" from Arlington Blvd (Route 50) Westbound Ramp to the intersection of Castle Place and Sleepy Hollow Road with travel lanes, a bi-directional cycletrack, and parking lanes. Reducing potential conflicts between motorists and pedestrians in the Seven Corners interchange will significantly enhance safety for all modes of transportation. The improvements will also facilitate access to transit, reduce congestion, and improve regional sustainability in one of the region's Equity Emphasis Areas.

Primary Mode(s)	Secondary Mode(s)
Application Number	FFX-138
Primary TransAction ID Number	18
Submitting Jurisdiction/Agency	Fairfax County
Location	Arlington Boulevard (Route 50) Westbound Ramp to Route 7 (see map)
Requested NVTA Funds	\$122,229,417
NVTA Funds Approved	\$122,229,417
Previous NVTA Funds Received	\$4,200,000.00
Total Cost to Complete Project	\$132,690,417.02

Project Location



Leaflet | Tiles © Esri — Source: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2012

Project Milestones

	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition
Earlier					
FY23					
FY24					
FY25					
FY26		X			
FY27		X			
FY28		X	X		
FY29		X	X		
Beyond			X	X	

Year of expected project completion: FY2032

Project Funding

Source	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition	Total
Total Cost	\$0	\$4,252,158	\$75,717,718	\$52,720,542	\$0	\$132,690,417
NVTA Funds Applied	\$0	\$52,158	\$75,717,718	\$46,459,542	\$0	\$122,229,417
RSTP			\$0	\$5,161,000		\$5,161,000
NVTA 30%		\$0		\$1,100,000		\$1,100,000
Previous NVTA 70%		\$4,200,000				\$4,200,000
Total Other	\$0	\$4,200,000	\$0	\$6,261,000	\$0	\$10,461,000
Gap	\$0	\$0	\$0	\$0	\$0	\$0

Project Analysis Highlights

Congestion Reduction Relative to Cost (CRRC) Rating	114.19
Congestion Reduction Relative to Cost (CRRC) Rank	4
TransAction Project Rating	66.61
TransAction Project Rank	1
Project's Past Performance (Percentage of expected funds that was reimbursed by 12/31/2023)	N/A
Jurisdiction/Agency's Past Performance on All Projects (Percentage of expected funds that was reimbursed by 12/31/2023)	39.08%
Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA	4.72%
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	2
Regional Funds allocated to NVTA-Funded Project(s) Nearby	\$5,038,000