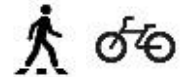




# Seven Corners Ring Road Improvements

## Phase 1A, Segment A

### Project Description



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 eleven-foot travel lanes, a twelve-foot bi-directional cycletrack, and eight-foot parking lanes.

The existing Seven Corners Interchange is a confusing confluence of major roads (Arlington Blvd (Route 50), Leesburg Pike (Route 7), and Wilson Boulevard/Sleepy Hollow Road), multiple signalized intersections, extremely limited pedestrian facilities and no bicycle facilities. The Seven Corners Transportation Study, Phase II (November 2014), identified that most of the intersections at the Seven Corners Interchange operate at level of service E or F during peak periods, due to the convergence of several regional commuting corridors at a single point. The interchange causes high levels of congestion, long periods of vehicular delay and safety concerns for pedestrians, bicyclists and transit users. The Fairfax County Board of Supervisors adopted an updated Comprehensive Plan for the Seven Corners area that includes a concept for a new Seven Corners Interchange. This project application is to design the first phase of the new Seven Corners Interchange.

**Reference Number:** 2018-013-0  
**TransAction ID:** 18  
**Submitting Jurisdiction/Agency:** Fairfax County  
**Location:** Arlington Blvd (Route 50) Westbound Ramp to the intersection of Castle Place and Sleepy Hollow Rd  
**Requested NVTA Funds:** \$5,500,000  
**Total Cost to Complete Project:** \$75,000,000

### Project Location



### Project Milestones

	Before FY2018	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	After FY2023
Design, Engineering, Environmental Work				X	X	X	X	X
Right of Way Acquisition						X	X	
Construction								X

### Project Funding

	Requested NVTA Funds	Other Funding Sources	Total Cost by Phase
Design, Engineering, Environmental Work	\$5,500,000		\$5,500,000
Right of Way Acquisition			\$30,200,000
Construction			\$39,300,000
<b>TOTAL:</b>	\$5,500,000		\$75,000,000

Note: There is a funding gap of \$69,500,000 for which Fairfax County plans to pursue through the state’s Smart Scale program, NVTA next Call for Projects, or other local, federal, and/or private sources.

### Project Analysis Highlights

<b>Congestion Reduction Relative to Cost Ratio (Total Cost in \$1000’s):</b>	<b>0.19</b>
<b>Congestion Reduction Relative to Cost Ratio Rank (Total Cost in \$1000’s):</b>	<b>60</b>
<b>TransAction Project Rating:</b>	<b>66.66</b>
<b>TransAction Project Rating Rank:</b>	<b>38</b>

Note: The project analysis above was completed by NVTA staff using data and information from the project application and analyses of the region’s transportation network.

### Regional Impacts

- Reduce congestion and crowding experienced by travelers in the region
- Improve connections among and within areas of concentrated growth
- Improve access to jobs, employees, markets and destinations
- Improve connectivity around the localities surrounding Seven Corners
- Create a friendlier environment for pedestrians and bicycles

Note: The regional impacts listed above are a summary of what was submitted in the project application NVTA staff received from the jurisdiction or agency that has applied for funding.