



# Falls Church Enhanced Regional Bike Routes (W&OD Trail)



## Project Description

The project is to replace the existing 10-foot wide shared-use trail with an 11-foot wide bicycle trail and an 8-foot wide pedestrian trail separated by a 2-foot wide median. Six substandard curb ramps and a narrow trail bridge over Four Mile Run will also be replaced. The length of the project is 1.2 miles in the City of Falls Church, extending from Broad Street (Route 7) to east of Little Falls Street and is the first phase of efforts to improve levels of service along congested portions of the W&OD Trail. The 45-mile long trail traverses the counties of Arlington, Fairfax, and Loudoun, the City of Falls Church, and the towns of Vienna, Herndon, and Leesburg. In a significant step to encourage non-motorized transportation, NOVA Parks extended hours of use to include commuting hours. The W&OD in the project area connects to six roadways, each with sidewalk connections, which provide direct access to commuter routes for Metrobus. As part of VDOT's plans to widen I-66, it is constructing a W&OD Trail bridge over Lee Highway so that trails users will no longer cross five hazardous lanes of traffic. The bridge and parallel trails will significantly enhance first and last mile non-motorized access to the East and West Falls Church Metrorail Stations (.75 mile and .5 mile from the project area respectively) and bicycle access for commuters continuing into Arlington County, Alexandria, and Washington, D.C. The trail bridge will be 20 feet wide to accommodate parallel bicycle and pedestrian trails.

**Reference Number:** 2018-062-0  
**TransAction ID:** 134  
**Submitting Jurisdiction/Agency:** Northern Virginia Regional Park Authority (NOVA Parks)  
**Location:** W&OD Trail, City of Falls Church, Broad Street (Route 7) to Little Falls Street.  
**Requested NVTA Funds:** \$3,793,209  
**Total Cost to Complete Project:** \$3,793,209

The W&OD passes through and near designated revitalization areas along Broad Street (Route 7) and Washington Street (Route 29). The city is a Regional Activity Center and is working to increase multimodal options to keep up with regional travel demand. This project will increase usage of the W&OD and increase patronage at nearby commercial uses and employment destinations. The parallel trails will provide greater capacity and encourage bicyclists and pedestrians who may avoid the facility due to overcrowding. As experience currently, at LOS D for pedestrians, there are frequent conflicts with bicyclists and at LOS F there are significant conflicts and a diminished experience for pedestrians. These conflicts and diminished experiences result in avoidance of the trail by users who do not feel safe, which will worsen as volumes increase.

## Project Location



**Project Milestones**

	Before FY2018	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	After FY2023
Design, Engineering, Environmental Work			X					
Construction				X				

**Project Funding**

	Requested NVTA Funds	Other Funding Sources	Total Cost by Phase
Design, Engineering, Environmental Work	\$400,000		\$400,000
Construction	\$3,393,209		\$3,393,209
<b>TOTAL:</b>	\$3,793,209		\$3,793,209

**Project Analysis Highlights**

<b>Congestion Reduction Relative to Cost Ratio (Total Cost in \$1000's):</b>	<b>34.18</b>
<b>Congestion Reduction Relative to Cost Ratio Rank (Total Cost in \$1000's):</b>	<b>19</b>
<b>TransAction Project Rating:</b>	<b>50.00</b>
<b>TransAction Project Rating Rank:</b>	<b>60</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**

- Provide enhanced bike and pedestrian access to the two Metrorail stations within the I-66 corridor
- Enhance mobility options by making the existing non-motorized transportation system easier and safer.
- Reduce road congestion

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.