



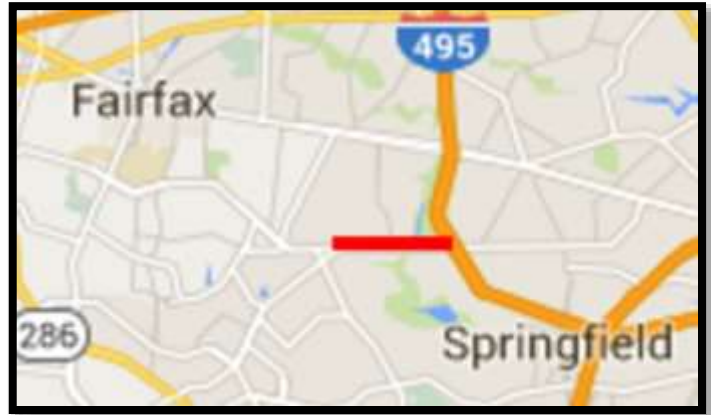
Project Description Form – 7D

Basic Project Information

Submitting Jurisdiction/Agency: Fairfax County

Project Title: Braddock Road HOV Widening: Burke Lake Road to I-495

Project Location: Burke Lake Road to I-495



Project Description: Widen Braddock Road from six general purpose (GP) lanes to eight lanes with one lane designated as HOV/HOT/Transit lane in each direction from Burke Lake Road to I-495. The project would include access management, intersection improvements and signalization improvements, as well as pedestrian and bicycle facilities. There is an ongoing multi-modal study for Braddock Road which should be completed in July 2016. These funds may be used in the implementation of the recommendations from the Braddock Road Multi-Modal Study.

Project Milestones

Project Milestones by Project Phase:

- **Engineering:**
- **Environmental Work:**
- **Design:** 12/2016 to 11/2018
- **Right of Way Acquisition:** 11/2018 to 12/2018
- **Construction:** 12/2019 to 11/2021
- **Capital Asset Acquisitions:**
- **Other:**

Project Analysis Summary*

NVTA Quantitative Score	40.62		Rank	18
Congestion Reduction Relative to Cost Ratio (NVTA Share)	0.14	hours saved/\$	Rank	14
Congestion Reduction Relative to Cost Ratio (Total Cost)	0.14	hours saved/\$	Rank	13

*Detailed scoring information can be found at: <http://www.thenovaauthority.org/planning-programming/fy2017-program/>

Project Cost

Requested NVTA FY2017 Funds: \$6,200,000

Total Cost to Complete Project: \$62,300,000

Project Phases	Requested NVTA FY2017 Funds	Other Sources of Funding	Total Cost by Phase
Engineering	\$6,200,000 (12/2016 to 11/2018)		\$6,200,000 (12/2016 to 11/2018)
Environmental Work	(included in engineering)		(included in engineering)
Design	(included in engineering)		(included in engineering)
Right of Way Acquisition		\$8,600,000 (NVTA and/or HB2, future request)	\$8,600,000 (11/2018 to 12/2019)
Construction		\$47,500,000 (NVTA and/or HB2, future request)	\$47,500,000 (12/2019 to 12/20121)
Capital Asset Acquisitions			
Other			
TOTAL	\$6,200,000	\$56,100,000	\$62,300,000

Project Impacts

What regional benefit(s) does this project offer? This project will provide additional HOV/HOT/Transit priority lanes on a congested corridor that provides a direct connection to the I-495 Capital Beltway (Corridor 7 - I-495 Beltway). The Beltway offers vehicular and transit connections to the entire Washington DC metropolitan region. The project will also provide for improved accessibility to George Mason University.

How will the project reduce congestion? By providing HOV/Transit lanes, the project will reduce the number of single-occupant vehicles on regional roadways in addition to providing additional lane capacity.

How will the project increase capacity? This project will increase capacity by adding two additional HOV lanes of roadway on Braddock Road from Burke Lake Road to I-495

How will the project improve auto and pedestrian safety? Longer turn lanes will reduce queuing vehicles blocking thru lanes preventing rear end accidents. By upgrading pedestrian crosswalks and providing shared use path and overhead lighting will reduce pedestrian accidents.

How will the project improve regional connectivity? Improves access to two Activity Centers: George Mason University and Annandale. By providing direct HOV to HOT access on I-495, the project will also improve access to other activity centers along the Beltway, such as Tysons, Merrifield, and Alexandria.

How will the project improve bicycle and pedestrian travel options? The project will include bicycle and pedestrian facilities and is expected to improve connections to the Cross County trails system and local Parks.

How will the project improve the management and operation of existing facilities through technology applications? Will provide overhead HOV signage to connect with existing HOT lanes.

Additional Information in Support of This Project



**FAIRFAX COUNTY
TRANSPORTATION PLAN**

Adopted by
The Board of Supervisors
July 31, 2006
Amended through September 13, 2011

Existing	Proposed	
M	M	MetroRail Station
P	P	Commuter Parking Lot
T	T	Transit Transfer Center (No Parking)
C		Commuter Rail Station
	R	Rail Station
	○	Full Interchange Improvement (Study Required)
	◐	Partial Interchange Improvement
	—	High Occupancy Toll (HOT) Lanes
◆◆◆	◆◆◆	High Occupancy Vehicle (HOV) Lanes
—	—	Widen or Improve Arterial Roadway (Number Indicates Proposed Number of Lanes including HOV or HOT Lanes)
—	—	Construct Arterial on New Location
—	—	Widen or Improve Collector or Local Street (Number Indicates Proposed Number of Lanes)
—	—	Construct Collector or Local Street on New Location in Development District (Cross sections to be finalized during process of reviewing plans for proposed development)
	—	Proposed Highway Overpass
	—	Proposed Cul-de-Sac
	—	Rail Transit or Bus Rapid Transit (BRT)
	■	Enhanced Public Transportation Corridor ¹