



FY 2015-16 PROJECT DESCRIPTION FORM (2D)

Basic Project Information

Submitting Agency: Loudoun County

Project Title: Belmont Ridge Road (VA Route 659) - Turo Parish Road to Croson Ln (2D)

Project Type (check one):

Roadway () Transit ()

VA State Route Number (if applicable) and NVTA Corridor Number (1-8): VA Route 659 and NVTA Corridor 2

1. **Project Description:** This project was one of the unfunded projects previously submitted by Loudoun County for FY 2014 funding. This project provides funding to design and reconstruct Belmont Ridge Road from Truro Parish Road to Croson Lane, increasing the overall capacity of Belmont Ridge Road. The road will be widened from a substandard two-lane rural section to a four-lane arterial standard with the appropriate auxiliary turn lanes and signalization. The project is a regional north-south corridor connection and is significant as it is identified as a segment of the North/South Corridor of Statewide Significance (CoSS).
2. **Requested NVTA Funds:** \$19,500,000
3. **Phase(s) of Project Covered by Requested NVTA Funds:** Design, Construction
4. **Total Cost to Complete Project:** \$35,863,000
5. **Project Milestone -Study Phase:** Start of Study – N/A
6. **Project Milestone -Preliminary Engineering (30% Design):** Start of PE – N/A/
7. **Project Milestones -Final Design:** Start of Final Design - April 2014
8. **Project Milestones -Right-of-Way:** ROW acquisitions - Completed
9. **Project Milestone – Construction:** Start of Construction - July 2017
10. **Project Milestone – Mass Transit Vehicle Acquisition:** Start of Construction- N/A
11. **Is Project in Transaction 2040:**
Yes () No ()

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12. Project in 2010 CLRP: N/A

13. Project Leverages other Funding: (please state amount)

- Local (X)
- State ()
- Federal ()
- Other: Proffered and NVTA approved funding



Stated Benefits

- **What Regional benefit(s) does this project offer?**

Belmont Ridge Road (VA Route 659) is a critical north-south corridor along the western boundary of the Ashburn Community. Currently, Belmont Ridge Road (VA Route 659) is largely a two-lane rural road from VA Route 7 south to the future intersection with Croson Lane (VA Route 645), just north of the Brambleton development.

Two small segments of four-lane divided roadway corridor have been constructed just north and south of the Dulles Greenway (VA Route 267) interchange in conjunction with adjacent developments. The segment from VA Route 7 to Gloucester Parkway will be under construction in 2014 and from Gloucester Parkway to Hay Road in 2016. The project is significant as it is a segment of the State identified North/South Corridor of Statewide Significance. This project also provides direct access to the Greenway relieving traffic from Route 7 going into the Tyson's area.

- **How does the project reduce congestion?**

The widening from 2 to 4 lanes will reduce congestion for both commuters and school related traffic as Belmont Ridge Road is a primary route for both types of trips. The widening will also help relieve congestion at the intersections along the corridor and improve the operation and safety of the corridor. The operations of several intersections are hampered due to the volume of heavy trucks and the gradient, particularly at Route 7. Traffic has increased from about 1400 vehicles per day (vpd) in 1995 to almost 13,000 vpd in 2011. Traffic is projected to double by 2032 with up to 11% of the traffic in the form of heavy trucks. The project addresses current and future traffic volumes and ongoing developments along the corridor.

- **How does project increase capacity? (Mass Transit Projects only)**

N/A

- **How does project improve auto and pedestrian safety?**

The project provides mixed-use trails and sidewalks alongside Belmont Ridge in accordance with the County's Countywide Transportation Plan (CTP). The trails will connect with the grade separated W O&D Regional Trail being constructed in another segment on Belmont Ridge Road. The project upgrades a rural sub-standard two-lane roadway to modern safety standards.

- **List internet links below to any additional information in support of this project: N/A**



Northern Virginia North-South Corridor Master Plan

