



Project Description Form – 3N

Basic Project Information

Submitting Jurisdiction/Agency: Prince William County

Project Title: Route 28 Widening: Route 234 Bypass to Linton Hall Road

Project Location: Linton Hall Road to Pennsylvania Avenue



Project Description: The proposed project involves the widening of Route 28 from Pennsylvania Avenue to Linton Hall Road. The proposed widening project spans approximately 1.5 Miles which will widen this section of Route 28 from a 4 lane undivided highway to a 6 lane divided highway, which will include a shared use trail and sidewalk. The funding requested in this application will cover construction. It's important to note that modifications to the cost of construction may need to be made to include a potentially needed interchange in order to allow access to commercial activity along Route 28.

Project Milestones

Project Milestones by Project Phase:

- **Engineering:**
- **Environmental Work:**
- **Design:**
- **Right of Way Acquisition:**
- **Construction:** 11/01/2017 - 06/30/2020
- **Capital Asset Acquisitions:**
- **Other:**

Project Analysis Summary*

NVTA Quantitative Score	47.20	Rank	15
Congestion Reduction Relative to Cost Ratio (NVTA Share)	0.75	hours saved/\$	Rank 4
Congestion Reduction Relative to Cost Ratio (Total Cost)	0.32	hours saved/\$	Rank 7

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

Project Cost

Requested NVTA FY2017 Funds: \$10,000,000

Total Cost to Complete Project: \$28,774,000

Project Phases	Requested NVTA FY2017 Funds	Other Sources of Funding	Total Cost by Phase
Engineering		\$2,374,000 (NVTA FY2015-16/ RSTP)	\$2,374,000
Environmental Work			
Design			
Right of Way Acquisition		\$4,000,000 (NVTA FY2015-16)	\$4,000,000
Construction	\$10,000,000 (FY2018)	\$12,400,000 (NVTA FY2015-16/ RSTP)	\$22,400,000
Capital Asset Acquisitions			
Other			
TOTAL	\$10,000,000	\$18,774,000	\$28,774,000

Project Impacts

What regional benefit(s) does this project offer? This project completes an additional future segment of Route 28 (Route 28 from Linton Hall Road to Fitzwater Drive). Route 28 currently services high-volume traffic between several jurisdictions in Northern Virginia. The project will alleviate traffic on a regionally congested corridor and allows for better connectivity from the Bristow/Nokesville Area in Prince William County to the City of Manassas, the City of Manassas Park and ultimately into Fairfax and Loudoun Counties through the Route 28 corridor. Widening this section of Route 28 provides several regional benefits by facilitating regional connectivity as it improves the flow of traffic that travels between several jurisdictions in the region.

How will the project reduce congestion? This project reduces congestion by adding additional capacity to a Virginia Department of Transportation (VDOT) primary arterial road that is currently a four lane undivided road and improving it to a six-lane divided roadway. This project will connect to a future project that involves the relocation of Route 215 (Vint Hill Road) and widening of Route 28 from Linton Hall Road to Fitzwater Drive. Additionally, this project will complement future widening projects on Route 28 and will play a critical role in reducing congestion as capacity is increased, meeting the needs of the growing population in Prince William County along the Route 28 corridor.

How will the project increase capacity? This project will improve access to the Virginia Railroad Express (VRE) commuter rail service. The improvements to Route 28 will provide additional capacity as well as improved road access for commuters and buses attempting to get to Piper Lane which provides direct access to the Broad Run VRE Station. This station serves as the end-of-line station for VRE on the Manassas Line.

How will the project improve auto and pedestrian safety? This project addresses improved auto safety by widening a high speed road and allowing for a median to be constructed. The project also includes intersection improvements at all the intersections within the project limits including additional signals and pedestrian improvements at signalized intersections.

This project further improves pedestrian safety by constructing a 10' shared use trail on the sound side of Route 28 and a 5' sidewalk on the other side, where this infrastructure does not exist today. As mentioned above, pedestrian improvements will also be made at all signalized intersections. As a result, conditions for both drivers and pedestrians will improve as a result of the project.

How will the project improve regional connectivity? The project will improve connectivity between two emerging activity centers, Prince William County Innovation Technology Park and the City of Manassas along with improved access to the Manassas Regional Airport and end-of-the line VRE station at Broad Run.

Innovation has been identified as a potential Urban Development Area (UDA). Innovation is a 1600 acre public-private cooperative venture, which provides excellent opportunities for collaborative research, data centers, bio-manufacturing, and corporate and governmental campus locations all within the setting of a world-class technology research park. Innovation Park is anchored by George Mason University's Prince William Campus, home to many programs including life sciences and applied information technology.

The City of Manassas has also been identified as a potential UDA. The City of Manassas is 10 square miles of homes, the arts, entertainment and community events. With more than 38,000 residents, the City serves as a transportation and business hub with an estimated 80 start-ups and a total number of 1,441 business establishments in 2014. Manassas had a civilian workforce of 22,330 in 2014. Incorporated in 1975, the City of Manassas is thirty miles southwest of the Nation's Capital and surrounded by Prince William County and is home to fortune 500 companies and Manassas Regional Airport.

Additionally, the project improves connectivity to Piper Lane off Route 28 which provides direct access to Manassas Regional Airport, the largest executive regional airport in Virginia, and all businesses directly connected to the airport (please see link below). Improved connectivity to Piper Lane also improves access to VRE's Broad Run Station which serves as the end-of-line station on the Manassas Line.

<http://www.manassascity.org/BusinessDirectoryii.aspx>

How will the project improve bicycle and pedestrian travel options? This project will construct a 10' shared use trail on the sound side of Route 28 and a 5' sidewalk on the other side, where this infrastructure does not exist today. As a result, conditions for both drivers and pedestrians will improve as a result of the project. The project will also connect to the network of pedestrian trails that run on the east side of Route 234.

How will the project improve the management and operation of existing facilities through technology applications? N/A

Additional Information in Support of This Project



