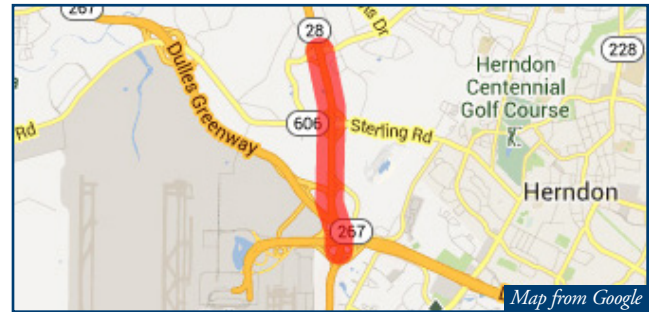




Project Description Form — 3B

Basic Project Information

1. **Submitting Agency:**
Loudoun County
2. **Project Title:** Route 28 Hot Spot Improvements (Loudoun Segment)
3. **Project Type:**
 Roadway Multimodal Transit
4. **Project Description/Scope:** Route 28 Hot Spot Improvements – Loudoun Segment (Sterling Boulevard and the Dulles Toll Road) Route 28 Hot Spot Improvements – Loudoun Segment (Sterling Boulevard and the Dulles Toll Road) Route 28 is a major regional roadway connecting north and south areas and the Dulles Toll Road to the Dulles International Airport.
5. **Route (if applicable)/Corridor:**
Route 28 / Corridor 3
6. **Total Project Cost:** \$12,400,000
7. **Total Funds Required:** \$6,400,000
FY 2014; (\$6,000,000 in the 6 year plan)
8. **Phase/s of Project Covered by Funding:** Construction
9. **Project Milestones (by phase, include all phases):**
 - Design Complete: FY 2014
 - Construction Start: FY 2015 (portion funded with FY 2014 NVTA funds)
 - Construction Complete: FY 2016



10. **In TransAction 2040 plan?**
 Yes No
11. **In CLRP, TIP or Air Quality Neutral?**
Yes. CLRP, ID # 1734
12. **Leverages Sources:**
 Local State Federal
 Other (*please explain*)

The landowners embraced by the Route 28 Tax District have been paying a tax premium since 1989 to improve Route 28. Their contribution has covered 75% of the cost to widen Route 28 from two to six lanes and to construct ten interchanges. The extra tax burden will remain in place through 2037. The final phase of the improvements is to widen Route 28 between Sterling Boulevard and Route 50 to eight lanes. In 2012 the Route 28 Commission authorized funding for the design of four "hot spot" areas that would relieve congestion.

PROJECT ANALYSIS

Tier I Pass Fail

Tier III Congestion Reduction Relative to Cost:

Tier II 7 out of 8 points

Plan CLRP TA2040 only

Rating High Med Low

Stated Benefits

- 1. What regional benefit/s does this project offer?** This segment of Route 28 has been funded for design and is nearing 100% design completion by the Route 28 PPTA. If funded for construction, the work could begin after VDOT issues a notice to proceed to the Route 28 PPTA. Route 28 is a major regional roadway connecting north and south areas and the Dulles Toll Road to the Dulles International Airport.
- 2. How does the project reduce congestion?** This is one of the major employment corridors in the county, including suburban office parks and providing access to the thousands of jobs at Dulles Airport. The primary congestion problems are in the vicinity of the Dulles Airport entrance. In this area, Route 28 and the Dulles Greenway are anticipated to be severely congested in 2030. More than 100,000 cars a day use the segment of Route 28 just north of the Dulles Toll Road. By 2012, transportation officials estimate that segment will carry 200,000 cars a day.
- 3. How does the project increase capacity?** *(Mass transit projects only)* N/A
- 4. How does the project improve auto and pedestrian safety?** Route 28 southbound is “stop and go” in the morning peak commuting hours. This often leads to increased crashes as cars speed up only to have to make abrupt stops as the traffic pattern constantly changes and traffic speeds vary with little advance warning.
- 5. List internet address/link to any additional information or documentation in support of project benefits.** *(Optional)*
http://www.virginiadot.org/projects/northernvirginia/route_28_corridor_improvements_ppta_project.asp
- 6. Project Picture/Illustratives**



A 4th Lane will provide added capacity and eliminate a lane drop in a critical section of Route 28