



Project Description Form — 1C

Basic Project Information

1. Submitting Agency:

Town of Herndon

2. Project Title: East Elden Street Improvement and Widening Project

3. Project Type:

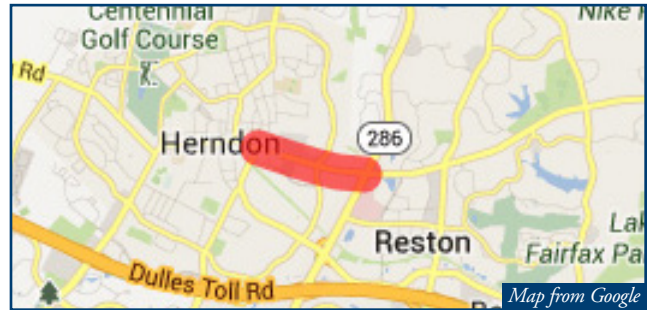
Roadway Multimodal Transit

4. Project Description/Scope: East Elden Street Improvement Project is 0.9 miles in length and is located between Van Buren Street and the Fairfax County Parkway. The scope of this project is to upgrade East Elden Street to 6 lanes with 11' raised landscaped median between Fairfax County Parkway and Herndon Parkway, continuing as a 4-lane section with a 11' raised landscaped median and dedicated turning lanes between Herndon Parkway and Van Buren Street, and then transitioning to a 2-lane section with a left-turn lane when reaching Monroe Street.

The Town has prepared an East Elden Street concept design/survey to determine the right-of-way needed for roadway improvements and, since year 2000, has subsequently acquired applicable street dedication and easements to accommodate significant sections of the planned East Elden Street improvements.

5. Route (if applicable)/Corridor:

Route 606 / Corridor 1



6. Total Project Cost: \$20,400,000

7. Total Funds Required: \$2,600,00

8. Phase/s of Project Covered by

Funding: Final Design/Engineering, Right-of-Way, and partially towards construction with leveraged RSTP Federal funding.

9. Project Milestones (by phase, include all phases):

- Design Start: FY2014
- Design Complete: FY2014
- Right-of-Way Start: FY2014
- Right-of-Way Complete: FY2015
- Construction Start: FY2016
- Construction Complete: FY2017 for initial phase

10. In TransAction 2040 plan?

Yes No

11. In CLRP, TIP or Air Quality Neutral?

Yes. CLRP, Yes TIP, ID# 2671

12. Leverages Sources:

Local State Federal

Other (please explain)

\$4,200,000 in RSTP funding is allocated towards this project

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?** East Elden Street is a major arterial that serves both local and regional traffic and is a significant link in the local and regional transportation network. Elden Street is a critical town arterial (36,000 vpd to 40,000 vpd). Elden Street is the town's major commercial corridor and is a primary state route providing connectivity between the surrounding environs of Herndon to include Centreville Road (Route 228), Fairfax County Parkway (Route 286), Barron Cameron (Route 606), Dulles Toll Road (Route 267) and Route 28.
- 2. How does the project reduce congestion?** The project will reduce traffic congestion, facilitate vehicular access to and from the Fairfax County Parkway, and increase the efficiency of the East Elden Street/Herndon Parkway intersection. Several key access management and congestion relief measures are as follows:
 - Section 1: Transition East Elden Street between Monroe Street and Van Buren Street from four-lanes undivided to the proposed four-lane divided section;
 - Section 2: Widen East Elden Street from four-lanes undivided to four-lanes divided between Van Buren Street and Herndon Parkway with a 16-foot raised median to include streetscape and median enhancements; and
 - Section 3: Widen East Elden Street by adding one lane in each direction between Herndon Parkway and Fairfax County Parkway.
- 3. How does the project increase capacity?** (*Mass transit projects only*) N/A.
- 4. How does the project improve auto and pedestrian safety?** Proposed improvements will increase overall safety and provide capacity for regional traffic between Fairfax County Parkway and Herndon Parkway. Safety measures include: Implement access management and median controls along the Elden Street commercial corridor between Van Buren Street and Herndon Parkway; improve signalized intersections along East Elden Street to include new intersection signalization at a high volume commercial driveway entrance at K-Mart plaza; and improve safety for the traveling public and transit users to include enhanced facilities for pedestrians and cyclists (ADA accessible sidewalks, curb cuts, paver crosswalks, bus shelters and pedestrian signals, as well as a bike lane or bike sharrow facility).
- 5. List internet address/link to any additional information or documentation in support of project benefits.** (*Optional*) N/A.
- 6. Project Picture/Illustratives**

