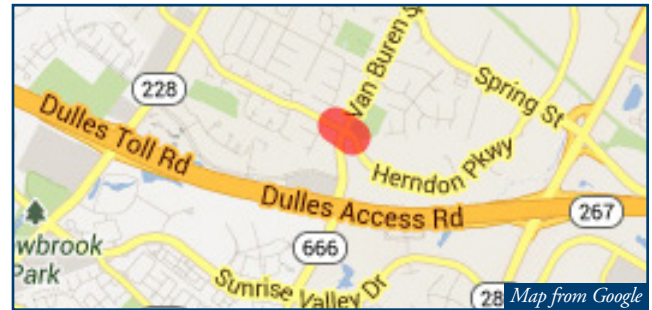




# Project Description Form — 1F

## Basic Project Information

1. **Submitting Agency:**  
Town of Herndon
2. **Project Title:** Herndon Parkway  
Intersection Improvements at Van Buren  
Street
3. **Project Type:**  
☒ Roadway ☒ Multimodal ☐ Transit
4. **Project Description/Scope:** Herndon  
Parkway & Van Buren Street intersection is  
located on the southern portion of Herndon  
Parkway and serves as an arterial intersection  
providing regional access to/from Monroe Street  
(Route 666), Sunrise Valley Drive and Herndon-  
Monroe Park & Ride Garage in Fairfax County.  
The project is for street capacity improvements  
to address traffic congestion and lengthy peak  
hour delays. Proposed improvements are to  
include road widening to accommodate major  
intersection traffic capacity improvements,  
including dedicated turning lane(s) and bike/  
pedestrian improvements.
5. **Route (if applicable)/Corridor:**  
Route 666 intersection / Corridor 1
6. **Total Project Cost:** \$3,000,000
7. **Total Funds Required:** \$500,000
8. **Phase/s of Project Covered by  
Funding:** Final Design and ROW  
Acquisition



9. **Project Milestones** (*by phase, include  
all phases*):
  - Design concept: Completed
  - Design Start: FY 2014
  - Design Complete: FY 2014
  - Right-of-Way Start: FY 2014-FY2015
10. **In TransAction 2040 plan?**  
☒ Yes ☐ No  
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11. **In CLRP, TIP or Air Quality Neutral?**  
No.
12. **Leverages Sources:**  
☒ Local ☐ State ☒ Federal  
☐ Other (*please explain*)  
Local and Federal RSTP funds have  
completed the traffic study and concept  
design with subsequent town approval.  
\$2,500,000 in RSTP funds is allocated  
towards this project.

## PROJECT ANALYSIS

**Tier I** ☒ Pass ☐ Fail

**Tier III Congestion Reduction Relative to Cost:**

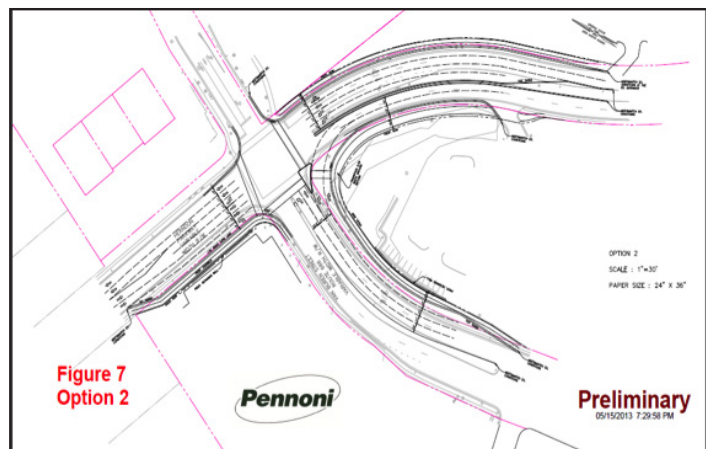
**Tier II** 7 out of 8 points

**Plan** ☐ CLRP ☒ TA2040 only

**Rating** ☐ High ☒ Med ☐ Low

# Stated Benefits

- 1. What regional benefit/s does this project offer?** Herndon Parkway (20,000 vpd to 23,000 vpd) intersecting with the south portion of Van Buren Street (19,000 vpd to 20,000 vpd) both serve as minor arterial roadways providing regional access to/from major commercial land uses along Elden Street, Worldgate Drive, Monroe Street (Route 666) as well as connectivity to Sunrise Valley Drive and Herndon-Monroe Park & Ride Garage in Fairfax County. Implementation of this intersection capacity project will reduce signal timing delays, improve level-of-service (LOS) and provide congestion relief for local and regional commuters.
- 2. How does the project reduce congestion?** During the past 10 years, traffic volumes have steadily increased resulting in significant congestion at this intersection. During the AM peak hours, right turns at Van Buren's northbound approach exceeds LOS F. And during the PM peak hours, left turns at the Herndon Parkway westbound approach also exceeds LOS F. Overall, the intersection currently operates at failing level-of-service during both the commuting AM and PM peak hours.  
Major roadway improvements include proposed dedicated right-turn lane(s) from northbound Van Buren onto eastbound Herndon Parkway as well as proposed left-turn lane(s) from westbound Herndon Parkway onto southbound Van Buren, in order to relieve existing congestion especially during the AM/PM peak commuting hours. The proposed improvements show a significant improvement in traffic operations and will reduce queues for both the AM and PM peak commuting hours. Capacity improvements will relieve significant congestion and provide improved vehicle, pedestrian, bicycle and transit access between high density multi-residential and major commercial/office land uses.
- 3. How does the project increase capacity?** (*Mass transit projects only*) N/A
- 4. How does the project improve auto and pedestrian safety?** The project will include pedestrian signalization and pedestrian traffic island along with ADA accessible sidewalks, curb cuts and crosswalk pavers. In addition, improved traffic signalization, reduced signal delay as well as improved roadway curvature alignment will assist in overall vehicle safety at this intersection. Such measures will enhance vehicle, Fairfax Connector bus, pedestrian, and bicycle travel modes to connect to future transit-oriented development along Herndon Parkway and near the future northside pedestrian access facilities of the Herndon Metrorail Station.
- 5. List internet address/link to any additional information or documentation in support of project benefits.** (*Optional*) N/A
- 6. Project Picture/Illustratives**



*Proposed Herndon Parkway & Van Buren Intersection Capacity*