



FY 2015-16 PROJECT DESCRIPTION FORM (7C)

Basic Project Information

Submitting Agency: City of Alexandria

Project Title: Duke Street Transit Signal Priority

Project Type (check one):

Roadway () Transit (X)

VA State Route Number (if applicable) and NVTA Corridor Number (1-8): Route 236 (7C)

1. **Project Description:** This project will design, install and implement a transit vehicle signal priority system on Route 236, Duke Street, in Alexandria. Onboard equipment will be installed on the buses in the Alexandria Transit DASH fleet that operate on the Duke Street corridor. In addition traffic signal field equipment will be installed and replaced along the route. The project is within NVTA Corridor 7.
2. **Requested NVTA Funds:** \$190,000 in FY15-FY16 NVTA 70% funds is being requested.
3. **Phase(s) of Project Covered by Requested NVTA Funds:** This covers the project design and implementation.
4. **Total Cost to Complete Project:** \$250,000
5. **Project Milestone -Study Phase:** N/A
6. **Project Milestone -Preliminary Engineering (30% Design):** Start of PE October 2015
7. **Project Milestones -Final Design:** Start of Final Design January 2016
8. **Project Milestones -Right-of-Way:** No Right-of-way is required for this project
9. **Project Milestone – Construction:** Start of Construction - August 2016
10. **Project Milestone – Mass Transit Vehicle Acquisition:** N/A
11. **Is Project in Transaction 2040:**
Yes (X) No ()



12. Project in 2010 CLRP: N/A

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

- Local ()
- State ()
- Federal ()
- Other:

Stated Benefits

- **What Regional benefit(s) does this project offer?**
This project benefits the region by providing reliable transit service along the Duke Street Corridor. This corridor is a major commuting corridor that is not served by any other forms of mass transit except for bus service. Overall, this project will improve the efficiency of traffic flow in the Duke Street corridor.
- **How does the project reduce congestion?**
This project reduces congestion by encouraging roadway users to use transit service rather than single occupant vehicles by improving the reliability of transit service.
- **How does project increase capacity? (Mass Transit Projects only)**
This project increases the throughput of buses along the Duke Street, which could lead to operating additional buses in a more efficient and effective manner along the corridor.
- **How does project improve auto and pedestrian safety?**
This project will improve the efficiency of traffic flow in the Duke Street corridor.
- **List internet links below to any additional information in support of this project:**
None at this time