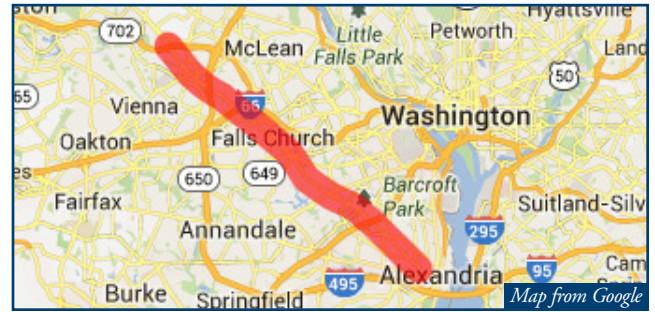




# Project Description Form — 1K

## Basic Project Information

- 1. **Submitting Agency:**  
Northern Virginia Transportation Commission
- 2. **Project Title:** Transit Alternatives Analysis Study of the Route 7 Corridor (King Street, Alexandria to Tysons Corner) (PHASE II)
- 3. **Project Type:**  
 Roadway    Multimodal    Transit
- 4. **Project Description/Scope:**  
 The study will identify a range of current and visionary high-capacity transit solutions to transportation issues with due regard for related corridor management approaches (operational, transit, bike, pedestrian, transportation demand management, high occupancy vehicle lanes, variable pricing, intelligent transportation system) that can be implemented to reduce highway and transit congestion for the purposes of increasing accessibility for residents both inside and outside of the study area to existing and planned activity centers in the study area. Phase 1 of the study has already been funded and is underway.
- 5. **Route (if applicable)/Corridor:**  
Route 7 / Corridor 1
- 6. **Total Project Cost:** \$838,000
- 7. **Total Funds Required:** \$838,000
- 8. **Phase/s of Project Covered by Funding:** Planning for Phase 2 of the Route 7 Alternative Analysis Study



- 9. **Project Milestones (by phase, include all phases):**
  - Phase 1 Planning Start: October 2012
  - Phase 1 Planning Complete: October 2013
  - Phase 2 Planning Start: November 2013
  - Phase 2 Planning Complete: November 2014
- 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*)

PROJECT ANALYSIS			
<b>Tier I</b> <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<b>Tier III Congestion Reduction Relative to Cost:</b>		
<b>Tier II</b> 4 out of 8 points	<i>Plan</i> <input type="checkbox"/> CLRP <input checked="" type="checkbox"/> TA2040 only	<i>Rating</i> <input type="checkbox"/> High <input checked="" type="checkbox"/> Med <input type="checkbox"/> Low	

# Stated Benefits

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- 1. What regional benefit/s does this project offer?** The Route 7 study area consists of the area in Northern Virginia within a half-mile of the Route 7 corridor generally between King Street Metrorail station in Alexandria and Dulles Toll Road bounding Tysons. The Route 7 study area traverses four jurisdictions: Fairfax County, Cities of Alexandria and Falls Church, and the western edge of Arlington County.

There are also several existing and planned transit projects within the study area, including three existing (Orange, Blue, and Yellow) and future (Silver) Metrorail lines, proposed circulator routes feeding future Metrorail stations along the Silver Line, and connections to VRE lines serving the western and southern portions of Northern Virginia. Additional planned transit connections within the study area include the southern terminus of the Crystal City/Potomac Yard Transitway at Braddock Road Metrorail station and western terminus of the Columbia Pike Streetcar just south of Bailey's Crossroads.

- 2. How does the project reduce congestion?** The corridor is severely congested. Virginia Department of Transportation (VDOT) traffic count data indicate that segments of the corridor carry up to 62,000 cars during an average weekday. The NVRTA TransAction 2040 regional transportation plan calls for transit improvements in that corridor.

The Route 7 Alternative Analysis will serve as the blueprint for future improvements in the corridor. These improvements offer the possibility of improving access to the new Mark Center defense facility and to the new Silver Line Metrorail extension. Without the study, and follow up planning, the corridor runs the risk of becoming even more congested.

- 3. How does the project increase capacity? (*Mass transit projects only*)** Transit alternatives being studied include express bus, rapid bus, bus rapid transit, light rail, and streetcar. All of these possible alternatives will offer feasible, cost-effective, and rapid means to accessing the numerous destinations within this area. More people will be able to move along the corridor in a faster more reliable manner.

- 4. How does the project improve auto and pedestrian safety?** The Study team will synthesize the findings of previous traffic studies to identify intersection and roadway congestion and/or safety hot spots. An inventory of existing and planned pedestrian and bicycle infrastructure along the corridor will also be performed. The idea is to identify what is needed; and with public input, what is wanted. Auto and pedestrian safety improvements will be added to the available alternatives that will be identified in the study.

- 5. List internet address/link to any additional information or documentation in support of project benefits. (*Optional*)** For further information about the study, consult the website [www.Route7corridorstudy.com](http://www.Route7corridorstudy.com). A survey for people employed within one-half mile of the study corridor can be accessed from the home page on that site. The survey asks about travel patterns and mode of transportation for travel to and from work.

## 6. Project Picture/Illustratives



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