



## FY 2015-16 PROJECT DESCRIPTION FORM (6H)

### Basic Project Information

Submitting Agency: City of Fairfax

Project Title: Kamp Washington Intersection Improvements - Route 50 & Route 29 & Route 236 (6H)

Project Type (*check one*):

Roadway ( X ) Transit ( )

VA State Route Number (if applicable) and NVTA Corridor Number (1-8): U.S. Route 50 (Fairfax Boulevard) (NHS), U.S. 29 (Lee Highway) (NHS) and VA 236 -(Kamp Washington Intersection) Corridor 6

- 1. Project Description:** This project includes the following improvements: geometric improvements to eliminate the existing substandard lane shift between Route 50 and Route 236 through the intersection; signalization phasing improvements to optimize operations at the Kamp Washington intersection; construction of an additional southbound lane on U.S 29 from the Kamp Washington (50/29/236) intersection to the existing third southbound lane; extension of the westbound through lanes on VA 236 (Main Street) from Chestnut Street to Hallman Street; lengthening of turn lanes to provide additional storage for turning vehicles from Route 50 to Route 50/29 and Route 236 to Route 29; addition of new crosswalks, curb ramps, sidewalks and pedestrian signalization throughout the project limits; and replacement of span-wire signals with mast arm signals at the Route 29/Route 50/Route 236 intersection, the Route 29/commercial entrance, Route 236/Chestnut St. intersection, and the Route 236/Maple St. entrance.
- 2. Requested NVTA Funds:** \$1,000,000
- 3. Phase(s) of Project Covered by Requested NVTA Funds:** Construction
- 4. Total Cost to Complete Project:** \$9,800,000
- 5. Project Milestone -Study Phase:** Start of Study
- 6. Project Milestone -Preliminary Engineering (30% Design):** Start of PE - July 2007
- 7. Project Milestones -Final Design:** Start of Final Design - July 2010
- 8. Project Milestones -Right-of-Way:** ROW acquisitions completed - April 2014



**9. Project Milestone – Construction:** Start of Construction - July 2015

**10. Project Milestone – Mass Transit Vehicle Acquisition:** Start of Construction - N/A

**11. Is Project in Transaction 2040:**

Yes (  )                      No (  )

**12. Project in 2010 CLRP:** N/A

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

- Local (  ): \$48,317
- State (  ): \$1,857,136
- Federal (  ): \$7,150,400
- Other:



## Stated Benefits

- **What Regional benefit(s) does this project offer?**

The Kamp Washington intersection is a critical component of both the City of Fairfax transportation network and the Northern Virginia's regional transportation network. This intersection joins two National Highway System (NHS) Routes (Route 29 and Route 50) with Route 236, and serves as the link between downtown City of Fairfax and the Kamp Washington area. This intersection serves local residents and businesses, commuters and drivers seeking an alternative route to I-66 for eastbound and westbound travel.

The proposed improvements will benefit the region by reducing congestion, improving level of service (LOS), and reducing overall delay to users of the roadway. This will be accomplished by improving signal phasing & operation, increasing the capacity of the dual left turn lane from eastbound Fairfax Boulevard to northbound Fairfax Boulevard/Route 29, improving traffic flow along westbound Main Street, and adding capacity to southbound Route 29 with construction of a third lane. Additional improvements include improved intersection geometrics (elimination of horizontal shifts through the intersection along Fairfax Boulevard/Main Street) and improved pedestrian mobility throughout project limits.

- **How does the project reduce congestion?**

This project will reduce congestion by improving the signal phasing and operation of the Route 50/Route 29/VA236 intersection. The project will increase the capacity of the dual left turn lane from eastbound Route 50 (Fairfax Boulevard) to northbound Route 50/Route 29. It will also improve traffic flow along westbound Main Street by extending the Route 236 westbound through lanes and improving the intersection geometrics (elimination of horizontal shifts through the intersection along Route 50/Main Street). Also, the project will improve capacity on Route 29 by providing a third southbound lane south of the intersection.

The City of Fairfax is currently administering two adjacent projects within the Route 50 corridor – the Jermantown Road/Route 50 Roadway Improvements and this project - the Kamp Washington (Route 50/29/236 Roadway Improvements). Individually, each project provides congestion relief on the National Highway System within the City of Fairfax, and together the two projects provide complementary improvements to the regional transportation network by enhancing safety and mobility, improving level of service, reducing traveler delay, and enhancing overall traffic operations on the corridor.

- **How does project increase capacity? (Mass Transit Projects only )**

N/A



- **How does project improve auto and pedestrian safety?**

The project will improve safety for both drivers and pedestrians. Pedestrian safety will be enhanced by the provision of standard pedestrian facilities (sidewalks) in compliance with ADA requirements throughout the project limits and improved pedestrian crossings with pedestrian signal phases at all signalized intersections. Safety for drivers will be enhanced with the correction of the existing substandard lane shifts for Route 50 to Route 236 through the main intersection and the improvement of roadway and roadside features to meet current VDOT requirements.

- **List internet links below to any additional information in support of this project:**

<http://www.fairfaxva.gov/government/public-works/transportation-division/current-transportation-projects/kamp-washington-intersection-improvements>

