

PUGET SOUND REGIONAL COUNCIL PRIORITY PROJECT LIST

NARRATIVE PROJECT INFORMATION - October 2011

Due to Peter Heffernan (peter.heffernan@kingcounty.gov) no later than close of business Wednesday October 12.

Project Sponsor: *King County*

Project Name: *Woodinville-Duvall Road ITS*

Project Location: *Woodinville Duvall Road, 168th Ave NE to City of Duvall*

What type of project is it: Support Centers ____ Corridors Serving Centers **X**

Plan Consistency:

- Transportation 2040 project number: _____
- Is the project consistent with the Transportation 2040: Yes____ No ____

Project Description - No more than two full page - (see evaluation criteria for information to include):

- Briefly describe the project
This project will project Intelligent Transportation System (ITS) improvements to the corridor to improve signal coordination and monitoring on a rural connector route that carries over 19,000 ADT on a two and three land rural connector route. The project will include upgrade, interconnect and synchronization of 11 signals, communication to the signals through the King County Traffic Control Center, installation of cameras at the major intersections, fiber installation between 168th Ave NE and 212th Ave NE, Dynamic Message Sign, travel time equipment and Road Weather Information System (RWIS) equipment.

Woodinville-Duvall ITS is the highest priority ITS project in King County's Strategic Plan that has not been constructed and is included in the RTOC top 25 corridors for Regional ITS.

- What is the intended outcome & benefit

This project will mitigate congestion through real-time monitoring and management, provide traveler information, and increase the speed and effectiveness of incident detection and response. The project also will improve

vehicle safety with improved vehicle progression and by providing in-route information regarding pavement conditions and congestion awareness. The RWIS will improve King County Maintenance efficiencies by alerting maintenance of inclement weather in real time.

Project Status & Timeline

Where is the project at in development? The County has not started design

What is the timeline for this project from start to completion? The project can be designed and implemented in 18 months.

Pre-Design: January 1, 2015– March 31, 2015

Design: 9 months: April 1, 2015 – December 31, 2015

Construction procurement: January 1, 2016- March 31, 2016

Construction: April 1, 2016 – December 31, 2016

Additional Comments