

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, Road Services*

Project Name: *Southeastern Kent Bridge Replacements (Berrydale Overcrossing #3086OX, Covington Creek Bridge #3082 and Covington Creek Bridge #3084)*

Project Location: Berrydale Overcrossing #3086OX is located on SE Kent Black Diamond Road ½ mile southeast of State Route 18 and the City of Kent. Covington Creek Bridge #3082 and Covington Creek Bridge #3084 are both located on SE Auburn Black Diamond Road less than 1 mile apart and near where SE Kent Black Diamond Road turns into SE Auburn Black Diamond Road approximately 3 miles southeast of Berrydale Overcrossing #3086OX and west of the City of Black Diamond.

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 X No ____

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

Berrydale Overcrossing #3086OX

What is it? Replace the existing substandard bridge that crosses over the Burlington Northern Santa Fe Railroad tracks with a new low-profile concrete through girder bridge. This low-profile bridge will span only one set of railway tracks and will focus only on providing a safe replacement of the existing deteriorating bridge at the lowest possible cost. This project will not solve the existing sight distance deficiency problem nor the Jenkins Creek crossing problem.

What is the intended outcome & benefit? The project will provide a modern bridge that eliminates restrictions posed by the existing bridge (no shoulders and restricted sight distance). It will also accommodate pedestrians and bicyclists.

Covington Creek Bridges #3082 and #3084

What is it? Replace the existing substandard short span bridges that cross over Covington Creek with a new bridge. These bridges will focus on providing a safe replacement of the existing deteriorating bridge that has reached the end of its useful life.

What is the intended outcome & benefit? Replace the 1915 constructed bridges with a new wider bridge structure that matches the approach roadway width providing some useful shoulder and a longer span to provide a larger hydraulic opening.

Project Status & Timeline

Berrydale Overcrossing #3086OX

Where is the project at in development? Preliminary Engineering

What is the timeline for this project from start to completion?

February, 2012 – Begin Preliminary Engineering

January, 2013 – Right-of-Way Acquisition

February, 2014 – Advertise Project

April, 2014 – Begin Construction

Covington Creek Bridges #3082 and #3084

Where is the project at in development? Planning

What is the timeline for this project from start to completion?

February, 2012 – Begin Preliminary Engineering

March, 2013 – Advertise Project

July, 2013 – Begin Construction

Additional Comments

The Berrydale Overcrossing and Covington Bridges are very narrow with high speed traffic and high ADT traffic loads in excess of 5,000 vehicles per day.

The Berrydale Bridge has poor geometrics and a low sufficiency rating which cause it to rank high in the county's bridge replacement priority system. The bridge is supported by a substructure that was constructed in 1931, consisting of timber posts on concrete sills. The sills are buried 11 feet deep and despite frequent repairs the substructure has suffered severe deterioration with widespread rot occurring within the timber posts. In addition, the deterioration of the bridge's timber decking has led to movement of some planks under traffic, which is causing spalling of the asphalt pavement.

REPEAT THE ABOVE INFORMATION FOR EACH PROJECT