



Highway Project Information

Area 1 Project Office: Astoria (503) 325-7222

State Highway Development and Construction in Clatsop and Tillamook Counties

US 26 Volmer Creek Bridge & Johnson Creek Bridge

Last updated 10/12/09

PROJECT SPECIFICS

- ✓ **Location :**
US26 MP 2.24 & MP 3.26

- ✓ **Key milestones:**
Bid Let Date – 9/9/2010
Construction – Winter 2010 - Fall 2011

- ✓ **Cost Estimate :**
\$2,454,000

KEY CONTACT PERSON

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PROJECT PURPOSE AND NEED

The purpose of this project is to replace the existing bridges. Bridges within Area 1 are inspected annually by the ODOT Bridge Unit and are scheduled to be replaced according to standards and practices regarding bridge life expectancy and load rating. According to the May 2004 appraisal, at both locations the bridge rail and transitions do not meet current standards, the timber superstructure and substructure are rated satisfactory to fair, and the channel is beginning to slump. The outside wooden girders have splits, are wet, and have moss growth. Severe decay is evident at side caps. Evidence of scour along the grouted riprap has been noted over several inspections. Additionally, the existing roadway shoulders are narrow and do not meet current standards.

CONSTRUCTION OVERVIEW

The new bridges will have standard shoulder widths, transitions, and guardrail. The design incorporates Accelerated Bridge Construction (ABC) techniques. Pile will be driven onsite, but all other bridge components will be pre-cast at an offsite location and then assembled at the project site. This method reduces on site construction time and overall construction costs while enhancing quality. Replacement of the bridges will involve a series of intermittent week long single lane restrictions at the bridge while assembly takes place. One lane, two way traffic will be controlled by flaggers during lane restrictions. While efforts will be made to maximize the width of this single travel lane, it will likely be restricted to 16 feet due to the existing narrow shoulder width.

