



Highway Project Information

Area 5 Project Office: Springfield (541) 744-8080

State Highway Development and Construction in Lane County

Updated 05/30/13 JL

US 101: Big Creek Bridge Cathodic Protection Project key #18100

Project location

- The project is located in Lane County on Oregon Coast Highway Route 101 at mile point 175.02.

Project background and need

- The Big Creek Bridge is one of Oregon's original historic coastal bridges from the 1930's. This bridge was designed by Oregon's most famous bridge engineer, Conde McCullough.
- A new cathodic protection system is required to protect this bridge from deterioration due to the harsh coastal environment and will allow it to remain in service for many years to come.

Construction overview

- A sacrificial zinc coating will be applied to the concrete surface of the structure so that the steel reinforcements do not corrode. The cathodic protection system consists of a coating containing zinc and an electrical system on a low voltage impressed current.
- Containment will be used to facilitate construction and to address environmental concerns.

Cost estimate

- Project Funding: \$1,631,000
- Funding source: Federal & State

Key project milestones

- Bid Let Date — 09/12/13
- Construction — 2013-2014

For more information, please contact:

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