



# Highway Project Information

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

State Highway Development and Construction in Lane County

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Updated 12/16/14 JL

## **US 101: Siuslaw River Br (Florence) Cathodic Protection Project key #17526**

### ***Project location***

- The Siuslaw River Bridge is a drawbridge spanning between mile point 190.84 and 191.15 on Oregon Coast Highway 101 in Florence.

### ***Project background and need***

- The Siuslaw River Drawbridge was first opened to traffic in 1936, it is one of Oregon's original historic coastal bridges designed in the Art Deco style by Oregon's renowned state bridge engineer, Conde McCullough and is listed on the National Register of Historic Places.
- A cathodic protection system and structural repairs are needed to protect the bridge from deterioration due to age and the harsh coastal environment; these repairs are critical in keeping the structure in service for many years to come.

### ***Construction overview***

- Replace damaged concrete, replace historic bridge rail on the bridge deck and construct ADA pedestrian features at the bridge ends.
- The surface of the structure will be sprayed with a zinc coating so that the steel structural reinforcements do not corrode. The cathodic protection system consists of a sacrificial surface coating containing zinc and an electrical system on a low voltage impressed current.
- Temporary work bridges will be constructed beside the structure except in the center navigable water channel which will be kept open to accommodate boats.

### ***Cost estimate***

- Total Project STIP Funding: \$37,250,000
- Funding source: State & Federal

### ***Key project milestones***

- Bid Let Date — 01/29/15
- Construction — 2015 - 2018

### ***For more information:***

<http://www.oregon.gov/ODOT/HWY/REGION2/Pages/Siuslaw-River-Bridge-Cathodic-Protection.aspx>

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