

# U.S. 20 Chip Seal Project

Last updated: Summer 2014

## Project Components

- Chip seal approximately 50 miles of Highway 20 east of Bend.
- Install rumble strips.

## Location

The project begins approximately 12 east of Bend, Oregon (near Horse Ridge Frontage Road) and ends just west of Hampton, Oregon.

## Why is this project needed?

U.S. 20 is a critical part of the State's transportation system and is a major east-west corridor for the State of Oregon. Keeping the roads in good condition and providing a safe, efficient transportation system that supports economic opportunity is a critical aspect of the mission for the Oregon Department of Transportation (ODOT).

The existing roadway is showing signs of significant surface deterioration. The section of highway has experienced 52 crashes during a five year study period between 2008 and 2012. Over half have been run off the road crashes.



*US 20 east of Bend, Oregon.*

## How does ODOT propose to solve these problems?

ODOT plans to place an emulsified chip seal over the entire width of the roadway. Following the chip seal, a fog seal will be placed over the roadway to seal the new surface treatment. The chip seal will extend the life of the existing pavement, thus eliminating the need for a more costly paving project for many years.

Center lane rumble strips will be installed the entire length of the project. Shoulder rumble strips will be installed where there is adequate shoulder width. Rumble strips are low cost and a cost effective countermeasure on targeted segments of highways with a history of run off the road crashes.

## Traffic control during construction

Construction will occur during daylight hours. Traffic will be controlled by flagging and pilot cars. Delays should not exceed 20 minutes.

## Timeline

Field Survey, Roadside Inventory – Fall 2013  
 Final Design - Winter 2013  
 Bid Let – March 2014  
 Construction – Summer 2014

## Estimated Project Cost

\$2.1 Million

The US 20 Chip Seal Project began Monday, June 16. Rumble strip installation began on the western end of the 50 mile project (12 miles east of Bend) and moved east ending just west of Hampton, Oregon. Chip seal, fog seal and striping operations followed. The entire project was completed in the middle of July.

## Contacts

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**US20: CHIP SEAL SECTION**

