



I-84: Swanson Canyon – Woelpern Rd. & Arlington – Tower Rd. Project

Last updated: March 18, 2009

Project Components:

- Repave a portion of Interstate 84 between Mile Post (MP) 125 and MP 131, located approximately 40 miles east of The Dalles, Oregon.
- Place a thin chip seal over all four lanes of Interstate 84 between MP 138 and MP 159, located east of Arlington.

Why is this project needed?

Interstate 84 (I-84) is a critical part of the State's transportation system and is a major east-west corridor for the Western United States. Keeping roads in good condition and providing a safe, efficient transportation system that supports economic opportunity is a critical aspect of the Oregon Department of Transportation's (ODOT) mission.

The left hand lanes (fast or passing lanes) both east and west bound between MP 125 and 131 are showing signs of fatigue cracking and rutting. All travel lanes between MP 138 and 159 continue to deteriorate as a result of poor rock quality and asphalt stripping, a term used to describe the separation and removal of the asphalt binder from the aggregate (rock) surface. This has resulted in raveling or the loss of rock from the asphalt. These types of issues can result in damage that gets exponentially worse over time.

How does ODOT propose to solve these problems?

For the section of I-84 between MP 125 and 131, the solution is to grind out five inches of pavement in the left hand lanes and replace it with five inches of hot mix asphalt. For the section of highway between MP 138 and 159, the solution is to spread an oil coating on the existing roadway, and then place a fine chip rock over the coating, creating a sealed roadway.

Timeline:

Field surveys, roadside inventories – Summer 2008
Preliminary Design – Summer/Fall 2008
Final Design – Fall/Winter 2008

Contract Bid Let – March 2009
Construction – Summer 2009

Total Project Cost:

Preliminary Engineering, Environmental Permitting and Design: \$250,000
Construction and Contract Administration: \$6 million

ODOT Contacts

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If you would like to learn more about this project please visit the project website that has been set up at: <http://www.oregon.gov/ODOT/HWY/REGION4/RoadworkImprovements.shtml> where you will find project information and updates, as well as contact information.

