

I-84: FARLEY SLIDE

HOOD RIVER COUNTY

PURPOSE AND NEED:

The Farley Landslide is located on Interstate 84 (I-84) in the Columbia River Gorge approximately 47 miles east of Portland, Oregon. The landslide extends approximately 250 feet south of the highway surface and is impacting approximately 300 feet of roadway. Surface cracking and settling of the freeway indicates that this landslide is actively moving. It is anticipated that an earthquake or severe weather event could trigger significant movement of the existing landslide excessive deformation of the I-84 roadway, rendering it impassable.

PROPOSED SOLUTION:

Design a cost effective solution to stabilize the slide and prevent further damage I-84. In 1996, the Pacific Northwest experienced severe weather, which caused a variety of damage to I-84. The damage included a 100 foot long by 40 foot wide sink hole in the center median of the highway at the location of the Farley Landslide.



DAMAGE TO I-84 FROM FARLEY SLIDE (1996)

Courtesy of ODOT Photo and Video Services



ESTIMATED COST: \$500,000