

## I-84 Construction Projects



### Rockfall Repair at Hood River

# Hood River Rockfall Repair

In February 2014, a large rockfall event occurred near Hood River on Interstate 84 (at milepost 61.3). Rockfall material blocked the eastbound travel lanes and the lanes were closed for five days while crews removed material from the roadway and performed slope scaling. The Oregon Department of Transportation is working on a project to reduce the potential for future large scale rockfall events in this area, making I-84 safer for all travelers.

The project will improve slope stability and provide a vegetated roadside barrier to reduce the potential for rockfall material entering the highway.

### Why is it needed?

The hillside to the south of I-84 at this location has historically produced rockfall events. During these events, rockfall material generally remains confined to the existing catchment area at the base of the slope (the area that looks like a ditch off the highway). However, large events in 2003 and 2014 filled the catchment area and spilled out onto I-84, creating a safety concern for travelers as well as damaging the highway.

### What are the details?

The project will include the following safety measures:

- Perform “**slope scaling**” to remove loose rock blocks.
- Install “**rock bolts**” and “**horizontal drains**” to improve long-term slope stability.
- Place “**structural shotcrete**” (concrete sprayed on top of the rocks) along the lower portion of the slope to reduce erosion.
- **Construct a roadside barrier** about 12-feet high and 225-feet long. The barrier will be planted to reduce the visual impacts.

### When will it happen?

ODOT selected the most cost-effective solution for the area, that would minimize impacts to nearby residents and travelers on I-84.

Construction should take place in **Fall 2016**, after paving is completed between Cascade Locks and Hood River. The project will require a single lane closure on eastbound I-84 during the entire project to ensure traveler safety.

### I-84 Construction Schedule\*

- 01 - 12/2015:** Improving Troutdale exit/interchange
- 08 - 10/2015:** Adding rumble strips between Multnomah Falls and Cascade Locks
- 06 - 11/2015:** Replacing barriers from Cascade Locks to Hood River
- Fall 2015:** Extending the Historic Columbia River Highway State Trail
- 02/2015 - 06/2016:** Paving and bridge construction in The Dalles
- 05 - 07/2015:** Paving between Celilo and Rufus
- 03 - 09/2016:** Paving between Cascade Locks and Hood River
- 04 - 09/2016:** Tanner Creek Bridge repair at Bonneville Dam
- 05 - 10/2016:** Paving between Sandy River and Multnomah Falls
- Summer 2016:** Paving from Mosier to The Dalles
- Fall 2016:** Hood River rockfall repair (see above)

\* Schedule is subject to change

### Questions?

Contact Brandy Steffen, ODOT Community Affairs Coordinator 503-731-8230 or [Brandy.Steffen@odot.state.or.us](mailto:Brandy.Steffen@odot.state.or.us)

¿Hablas español? Para recibir información por favor llame al 503-731-4128.

For ADA (Americans with Disabilities Act) call TTY 800-735-2900 or 7-1-1.



Get up-to-date  
construction information on all of  
these projects at:

[www.I84Construction.org](http://www.I84Construction.org)