

I-84 Columbia River Gorge Bridges

Oregon Department of Transportation



October 2009

ODOT works to improve mobility and safety in the Columbia River Gorge

Changing phases: Gorge bridge project moves from design to construction

Design work is nearly complete for the Interstate 84 bridge replacement project at exit 64, where the Oregon Department of Transportation will replace the I-84 bridge at exit 64 and widen Button Bridge Road under the interstate. ODOT has worked to ensure the area's natural beauty is undisturbed by making the bridge's form, color and texture understated.

Construction will begin in early 2010 when crews start widening the freeway, realigning the eastbound on-ramp at exit 64, widening Button Bridge Road and installing temporary traffic signals on Button Bridge Road between the I-84 eastbound on-ramp and Marina Way. Later, crews will replace the I-84 bridge over Button Bridge Road, repave the freeway approaches to the bridge, install a median barrier along I-84 and install permanent traffic signals on Button Bridge Road. Construction is scheduled to be complete in late 2011. *Continued inside.*



The design of the I-84 exit 64 bridge complements the bridge's location in the City of Hood River and the Columbia River Gorge.

Quick look at construction on I-84

- I-84 between exits 63-64 (Hood River)
 - Nov. 2009
- I-84 Fifteen Mile Creek
 - Now to Dec. 2009
- Dodson to Tanner Creek
 - Now to May 2010
- Hood River to Mosier
 - Now to Oct. 2010
- I-84 bridge and exit 64 (Hood River)
 - Early 2010 to late 2011
- Multnomah Falls to Cascade Locks
 - Spring 2010 to Oct. 2010

Upcoming Events

Open House:

I-84 bridge and exit 64 (Hood River) project will host an Open House on Thursday, Oct. 22, 2009 from 4 p.m. to 7 p.m. at the Port of Hood River located at 1000 E Port Marina Drive, Hood River.

For updated information on highway work and current travel information throughout Oregon, visit www.tripcheck.com or call the toll-free Oregon road report at 511 or (800) 977-6368.

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Portland, OR 97210

c/o Lois D. Cohen Associates

I-84 Columbia River Gorge Bridges Newsletter



Join us for the I-84 bridge at exit 64 Open House!

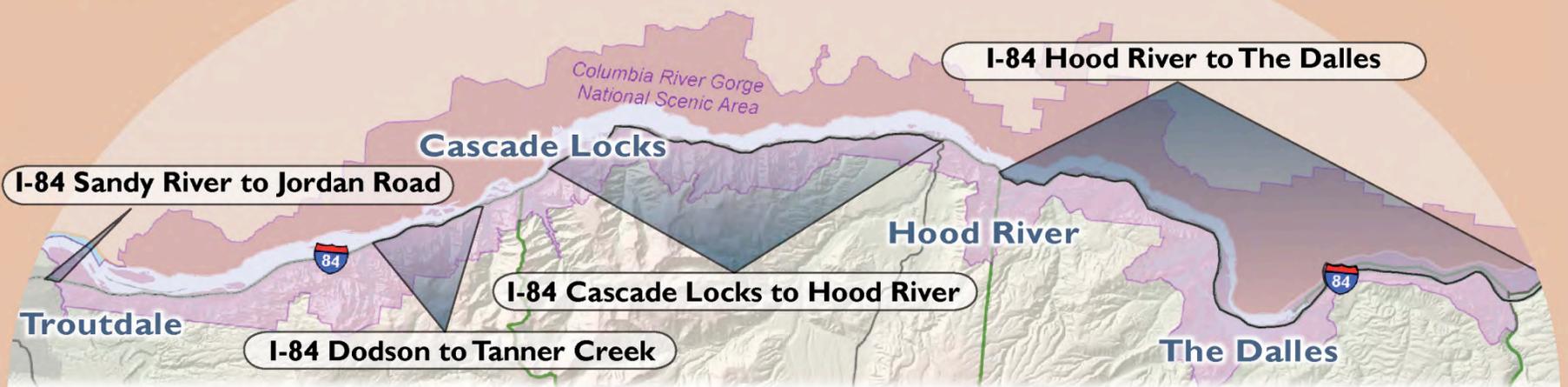


When: Thursday, Oct. 22, 2009 from 4 p.m. to 7 p.m.
Where: The Port of Hood River located at 1000 E Port Marina Drive, Hood River, OR
What: Project staff will discuss plans to replace the I-84 bridge at exit 64 and make improvements to Button Bridge Road, the connector to Highway 35 and the Hood River Bridge. Construction will begin early 2010 and finish in late 2011.

For general information, visit: www.oregon.gov/ODOT/HWY/REGION1/ColumbiaGorge

The OTIA III State Bridge Delivery Program is part of the Oregon Department of Transportation's 10-year, \$3 billion Oregon Transportation Investment Act program. OTIA funds are repairing or replacing hundreds of bridges, paving and maintaining city and county roads, improving and expanding interchanges, adding new capacity to Oregon's highway system and removing freight bottlenecks statewide. Based on 2008 dollars, about 14 family-wage jobs are sustained for every \$1 million spent on transportation construction in Oregon. Each year during the remainder of the OTIA program, we estimate that construction projects will sustain an average of 4,100 family-wage jobs.

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Construction under way between Troutdale and Arlington

I-84 Troutdale to Cascade Locks

Construction is under way on four freeway bridges between Dodson and Tanner Creek. Contractors are replacing the eastbound I-84 bridge over Moffett Creek, repairing the eastbound I-84 bridge at the Dodson interchange and repairing the I-84 bridges in both directions over Tanner Creek.

- Repairs planned at Dodson this fall involve limited lane closures and traffic controlled by flaggers on the Historic Columbia River Highway.
- Eastbound traffic at Moffett Creek is limited to a single lane until May 2010.
- Westbound traffic at Tanner Creek is subject to daytime single-lane closures to accommodate work crews and construction equipment.

Repairs to the Tanner Creek bridges also require closing the Historic Columbia River Highway State Trail between Tanner Creek and Moffett Creek through the end of the year. Signs are posted to notify trail users. The closure will not interfere with the trail between Bonneville Dam and the Tanner Creek Crossing. For more information, contact Kimberly Dinwiddie, ODOT project communication coordinator for Region 1, at (503)731-8281 or Kimberly.Dinwiddie@odot.state.or.us.

In a separate project, an ODOT contractor has started work on a repaving project on I-84 between Multnomah Falls and Cascade Locks. The project includes installing some new guardrail, paving ramps and some bridge deck work. Most

of the paving will take place starting in spring 2010, although some work may begin in fall 2009. Drivers should expect occasional lane and ramp closures, primarily at night, through project completion in October 2010. For more information contact Mike Mason, ODOT community affairs coordinator for Region 1, at (503)731-8246 or Mike.W.Mason@odot.state.or.us.

I-84 Cascade Locks to Hood River

Construction is continuing on several bridges between Cascade Locks and Hood River. Work on I-84 bridges over Moody Street at Cascade Locks and over the Union Pacific Railroad line at Hood River is complete. Crews are active at three other sites:

- The Second Street Bridge over UPRR in Hood River is subject to alternating single-lane traffic controlled by flaggers during several weekends in September and October; truck travel will be prohibited during those times.
- Drivers should expect single-lane traffic on I-84 over the Herman Creek connector road (Wyeth Road) through much of October.
- At the east end of Cascade Locks, freeway traffic is on a temporary alignment until spring 2010 while crews build the new eastbound bridge. Flaggers control daytime single-lane traffic on the U.S. 30 connector (Wa-Na-Pa Street) under the freeway.

For more information, contact Kimberly Dinwiddie, ODOT project communication coordinator for Region 1, at (503)731-8281 or Kimberly.Dinwiddie@odot.state.or.us.

I-84 Hood River to Arlington

Contractors are more than halfway done with a project to replace the I-84 bridge over Mosier Creek. Traffic has shifted to a temporary alignment, and construction of the new bridge is under way. Crews are also replacing median barriers between Hood River and Mosier because the old barriers no longer meet safety requirements set by the Federal Highway Administration. Between Labor Day and Thanksgiving, traffic will be restricted to one lane in each direction to accommodate median barrier work west of milepost 70. Project completion is scheduled for October 2010.

Work on a pavement maintenance and repair project on I-84 near Fifteen Mile Creek began in July. The easternmost portion of the work zone near milepost 88 is complete. Between mileposts 84 and 87, construction plans call for single-lane closures and some nighttime work, including off- and on-ramps. The full project is scheduled to end in December.

Work is under way on a project to replace the Fifteen Mile Creek Bridge on I-84. Contractors are building a temporary bridge at milepost 88 to carry traffic during construction. Drivers can expect occasional single-lane closures. For more information, contact Peter Murphy, ODOT public information representative for Region 4, at (541) 388-6224 or Peter.W.Murphy@odot.state.or.us.

ODOT works to improve mobility

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During construction, watch for temporary traffic signals and changing traffic patterns. For updated information on highway work and current travel information throughout Oregon, visit www.tripcheck.com or call the toll-free Oregon road report at 511 or (800) 977-6368.

Outreach for this project included an open house, meetings with individual business and property owners, and regular contact with local government and interest groups.

You can learn more about this project by attending our next open house on Oct. 22, 2009 at the Port of Hood River from 4 p.m. to 7 p.m. or by

contacting Susan Hanson, ODOT community affairs coordinator for Region 1, at (503) 731-3490 or Susan.C.Hanson@odot.state.or.us.

Sandy River bridges

The redesign of the replacement I-84 bridges over the Sandy River near Troutdale is on track for construction to begin in spring 2010.

ODOT delayed bridge construction by one year to redesign the structure using steel girders instead of concrete. Steel girders will allow for longer bridge spans that are less expensive to build, safer during earthquakes, and less disruptive to fish habitat.

The redesigned bridge will include an improved bicycle and pedestrian crossing as well as design

elements that complement the Columbia River Gorge National Scenic Area. The new bridges will have decorative pylons at both ends and feature a rock texture on the bridge piers and support beams that complement the Gorge landscape.

The Sandy River bridge work is part of a larger project that will also repair the eastbound and westbound I-84 bridges over Jordan Road. Details about traffic changes, detours and what to expect when construction starts will be included in future newsletters, ODOT's Web site and local newspapers. For more information contact Susan Hanson, ODOT community affairs coordinator for Region 1, at (503)731-3490 or Susan.C.Hanson@odot.state.or.us.

Sandy River bridges: The redesigned steel bridges are similar in design to the original concrete design. The new design removes the need for a large retaining wall and uses longer spans between the bridge piers.

