



I-405: Fremont Bridge

Upper Deck Paving Project

Construction Expected in Summer 2011

So what exactly is an upper deck wearing surface replacement?

The original I-405 Fremont Bridge upper deck asphalt pavement wearing surface needs to be replaced (this is a 2,159-foot-long by 68-foot-wide section of the road, 175 feet above the Willamette River).

The roadway is made up of 2½ inches of epoxy asphalt concrete underneath 1½ inches of conventional hot mix asphalt concrete, all on top of a ½-inch-thick steel deck plate. Epoxy asphalt concrete must cure (or rest) a minimum of two hours before being driven on by traffic. It also needs warm and dry weather, which limits the replacement to the months of July, August, or September. More than 3,000 tons of epoxy asphalt and hot mix asphalt materials will be placed at an approximate rate of 50 to 75 tons per hour.

The Fremont Bridge is the only bridge in Oregon with this type of epoxy asphalt concrete pavement.

An Oregon Department of Transportation (ODOT) project that will replace the pavement wearing surface on the upper deck of the Interstate 405



Fremont Bridge is scheduled to begin in summer 2011. The bridge's original pavement has lasted since 1973, but this durable epoxy asphalt is now severely rutted and needs to be fixed to maintain safety for drivers. The paving work

is scheduled to be completed in a summer construction season. Due to the complexity of the work and the unique long-lasting epoxy asphalt material that will be used, **the project will require three weekends of full closure of the southbound (top deck)**

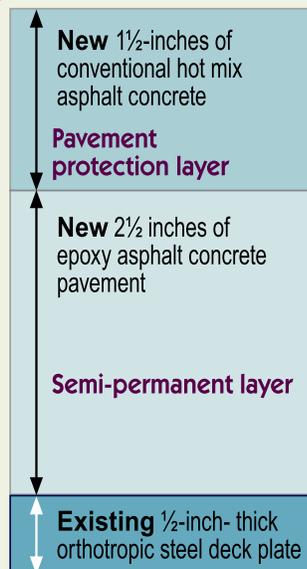
direction of the Fremont Bridge.

There also will be several weeknights and weekends of multiple lane

closures. The weekends when the top deck of the bridge will be closed are weather dependent and will be decided closer to the time of construction.

For more information or to view the project schedule, visit the project website at:

www.oregon.gov/ODOT/HWY/REGION1/I405_Fremont



Upper Bridge Deck Surface

The upper deck will consist of three layers after this project is finished: a steel deck plate, epoxy asphalt concrete, and hot mix asphalt concrete.

Combining I-405 and I-5 Projects

To reduce the impact of two upcoming projects with major freeway impacts, ODOT is combining the I-405 Fremont Bridge deck project with a bridge and pavement repair project on Interstate 5 (I-5) between the Marquam Bridge and NE Holladay Street (Rose Quarter). The Rose Quarter project will require alternating full weekend closures of I-5 northbound and southbound. ODOT has required the single contractor on these projects to perform the I-405 Fremont Bridge closures in 2011 and the I-5 Rose Quarter full closures in 2012. It is possible that the contractor will close lanes to do some work on the I-5 project this year, though the traffic impacts will be limited to nights.

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Right Now:

Construction is planned for Summer 2011 on the upper deck (southbound direction) of the Fremont Bridge. Due to the complexity of the work, the project will require three weekends of full closure of the top deck. These weekend closures will not be scheduled on major holiday weekends.



Stay informed about the project as we get closer to the summer time construction. The weekends when the top deck of the bridge will be closed are weather dependent and will be decided closer to the time of construction. Stay informed by:

Visiting the website: www.oregon.gov/ODOT/HWY/REGION1/1405_Fremont

Calling or emailing Mike Mason, ODOT Community Affairs Coordinator: (503) 731-8246 or michael.w.mason@odot.state.or.us

Checking TripCheck: as we get closer to construction, you can learn about construction impacts to your trip at www.tripcheck.com, then select the city you are traveling in for more detail.



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Upper Deck Replacement Project