

I-5 Seismic Retrofit Project

SW Lower Boones Ferry Road



Project Summary

The Oregon Department of Transportation (ODOT) is beginning construction on a seismic retrofit project for bridges along the Interstate 5 corridor in the Portland metropolitan area. The I-5 Bridge over SW Lower Boones Ferry Road is one of five bridges between Portland's South Waterfront district and the Tualatin River to comprise the initial package of work. Construction will begin in March 2014 and end in Fall 2015.

ODOT's initiative to retrofit the state's older bridges to meet modern seismic specifications will help ensure I-5 would not be immobilized in the event Oregon experiences a powerful earthquake. The sites selected to receive improvements represent the first phase of an expected multi-phase program to improve the seismic sufficiency of bridges throughout the region.

Key Elements of the SW Lower Boones Ferry Road Bridge Project

- The bridge columns will be strengthened with in-fill walls.
- An additional 12-foot bridge segment will be added on the west side of the structure (I-5 SB) for future freeway capacity.
- Ornamental fencing will be installed around the abutment slopes and piers.
- Pavement grind, inlay and re-striping on SW Lower Boones Ferry Road under the I-5 bridge.

Anticipated Traffic Impacts

- Travel lanes on SW Lower Boones Ferry Road below I-5 will be narrowed to 11 feet during construction.
- SW Lower Boones Ferry Road below the I-5 bridge will be closed for one night during the placement of the new bridge segment. Detours will be posted to direct traffic during the closure.
- The bike lanes and sidewalks on SW Lower Boones Ferry Road under the bridge will be re-routed during construction, but will connect to existing facilities at either end of the interchange.
 - The temporary bike lanes and sidewalks will be ADA compliant.
 - Temporary lighting will be placed under the bridge.
 - Cyclists will have to dismount when using the temporary paths.

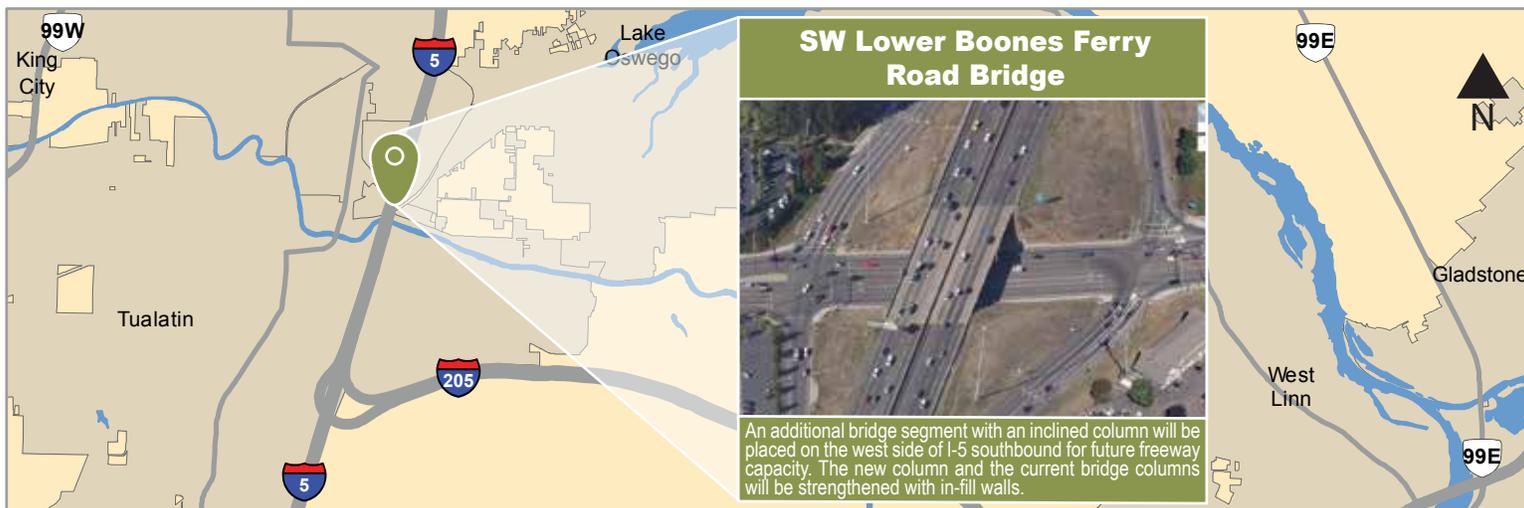
Project Location

The bridge is on I-5 over SW Lower Boones Ferry Road in Tualatin. This is in a high traffic volume location near the Bridgeport Village shopping area at exit 290.

Project Hotline Number

ODOT has received a noise variance from the City of Portland to allow nighttime construction work. To ensure minimal nighttime-noise impacts to the community, a 24-hour, 7 day a week hotline has been activated for the duration of the project.

Please call the ODOT noise hotline number at 503-412-2378 should any noise concerns arise. Your patience and understanding as we work to provide a sustainable and reliable transportation network is greatly appreciated.



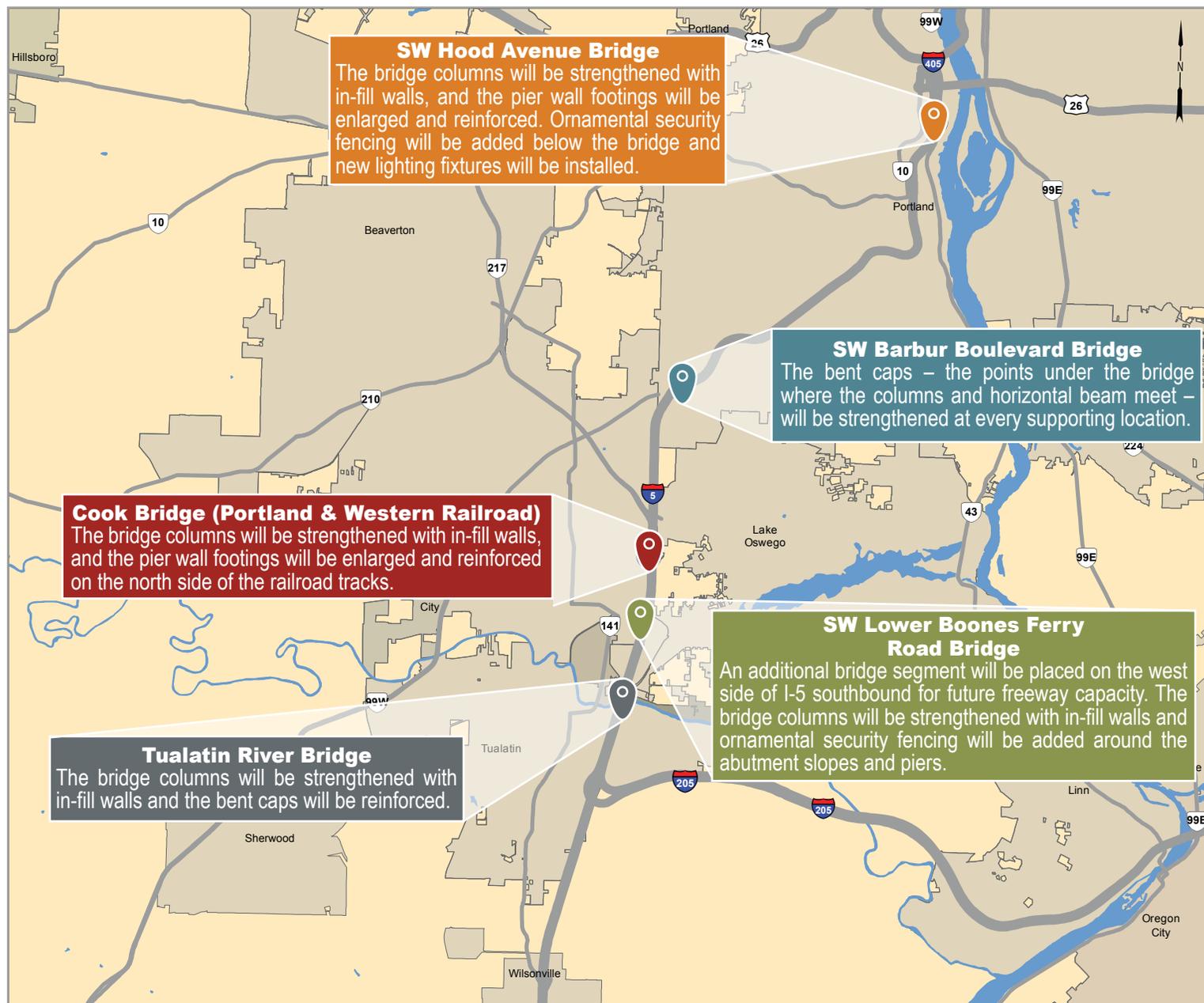


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Why Seismic Retrofitting?

According to research conducted by the Oregon Department of Geology and Mineral Industries, there is a 40 percent chance that an earthquake similar to the 2011 Tohoku Earthquake in Japan will take place along the Oregon coast sometime in the next 50 years. In response to these findings, ODOT conducted a seismic vulnerability study of the state highway bridges to assess the risks to Oregon's only north-south interstate highway. Only a small portion of I-5 would remain passable if the state suffered a substantial seismic event; most of the older bridges would either collapse or experience severe damage and become impassable without major and very costly repair work. The seismic retrofit project will strengthen bridges and give them the ability to withstand a major earthquake. Construction will take place March 2014 to Fall 2015.



For more information or to sign-up for electronic updates, contact:

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www.i5seismic.org