

I-5: Glendale Bridges Seismic Repair

Key #: 34007

Locations: I-5 Exit 80, Glendale with other Grants Pass I-5 bridges in the project bundle

Cost: \$12.7 million

Construction:
Begins January-Summer 2021.



Problem: Constructed in 1965, the I-5 Glendale interchange bridges are in need of seismic strengthening. This project, is part of a larger effort to strengthen bridges and slopes on priority routes to keep southern Oregon connected after a Cascadia Subduction Zone earthquake.

At the time I-5 was constructed, it was thought by scientists that the Northwest was seismically 'quiet', but we have learned otherwise.

Solution:

Reinforce the understructure of the bridge to prevent it toppling over or otherwise being rendered useless in an earthquake. Reinforcing the structure will include shear blocks to prevent lateral movement and damage. It will also include expanding and reinforcing the spread footings of the bridge to give it extra support during an earthquake.

Traffic/ Construction Impacts: Work begins in late January and includes short delays daytime due to single lane traffic controlled by flaggers under the I-5 bridges. On Interstate 5, expect intermittent single lane I-5 traffic only at night. Work on the Glendale bridges finishes up in late summer 2021.

Project Fast Facts

Location – I-5 Glendale Bridges Repair
Overall budget – \$12.7 million all project bridges
Timeline –
Construction: Jan.- August 2021

Need More Information

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