



I-5: Iowa Street Viaduct Replacement Project



Project location

The Interstate 5: Iowa St. Viaduct Replacement project is at milepost 298, just north of the Terwilliger Curves. The viaduct – technically two viaducts side-by-side – was completed in 1957, with three lanes in each direction and substandard three-foot shoulders. The new viaduct will include standard shoulder widths and maintain three lanes in each direction.

Project Benefits

The existing deck of the I-5 Iowa viaduct is in poor condition and needs a seismic retrofit. ODOT's bridge maintenance unit has done several patching projects on the deck. These patches are failing while new cracks continue to appear. The new viaduct will meet roadway and seismic standards.

The replacement viaduct will maintain three lanes in each direction. Safety will be improved with 12-foot shoulders, wider center medians, higher concrete barrier and retaining walls along the east and west sides of the freeway.

The trail passing under the viaduct will be rebuilt to City of Portland trail standards. Maintenance of the trail is expected to be handed over to the City following project completion.

Key dates

Construction on the three-year project started in August 2010 and will be completed in 2014.

Traffic impacts

Due to high traffic volumes on I-5 – approximately 145,000 vehicles a day – work requiring lane closures in the project area can only take place at night or during daytime hours on weekends. During weekdays, three lanes must be maintained in each direction. Consequently, a temporary detour bridge will be built to the west of the current viaduct to allow construction to take place on the existing viaduct. Motorists should expect nighttime and weekend daytime lane closures in both directions of I-5 during construction.

Noise impacts

Much of the project work is expected to take place during daytime hours (pile driving, for example, will only take place during the day). However, work that requires lane closures on I-5 will take place during nighttime and weekend hours. ODOT has received a noise variance from the City of Portland for nighttime and weekend work during construction.

Trail impacts

Due to safety issues related to staging and construction activities, the trail that passes under the viaduct has been closed for the duration of the project. It will be rebuilt following completion of the replacement viaduct. Detours direct pedestrians on a north or south route, depending on their destination.

Information

Susan Hanson, ODOT Community Affairs Coordinator, 503.731.3490 or susan.c.hanson@odot.state.or.us

Web site

<http://www.oregon.gov/ODOT/HWY/REGION1/iowaviaduct/>

