



Hood Canal Bridge Retrofit and East-half Replacement Project

June 2006

East-half Replacement

Completion Goal: 2009

West-half Retrofit Completion: 2010

Q. Where is the bridge?

A. The Hood Canal Bridge is located between Kitsap and Jefferson counties at the northern mouth of the Hood Canal.

Q. Why is it important?

A. It serves as a vital economic and social link between the greater Puget Sound and the Olympic Peninsula.

Q. What is WSDOT doing?

A. The Washington State Department of Transportation is improving this lifeline by replacing the east-half floating portion of the bridge, replacing the east and west approach spans, replacing the east and west transition truss spans and updating the west-half electrical system. The project completion estimate is 2010.

Q. What can drivers do to stay informed?

A. Sign up to receive the latest news regarding the Hood Canal Bridge Project and other related area transportation news right in your email inbox. Visit www.hoodcanalbridge.com to subscribe.

Project Delivery

Several phases of the Hood Canal Bridge Project are complete. The east and west approach sections were replaced in August 2005 and the west half was widened in 2004 and 2005. The remaining work includes: replacing the east half pontoons and anchors; replacing the transition trusses on the east and west ends; and, upgrading the west half mechanical and electrical systems. When the project is finished in 2010, the Hood Canal Bridge will be wider, safer, and more affordable to maintain, protecting lives and livelihoods for decades to come.

Hood Canal Bridge Project's Six Major Work Areas



East- and West-half Material Fabrication

Fabrication and assembly of steel bridge parts such as truss and transition spans, pontoon hatches, drawspan machinery and drawspan hydraulic components.



East-half Pontoon Construction

Building 14 new pontoons in four cycles at Concrete Technology in Tacoma and towing them to Seattle for assembly, outfitting and testing.



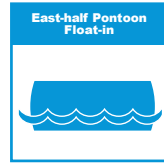
East-half Anchor Construction

Constructing 20 anchors and placing them on both sides of the bridge at the bottom of Hood Canal.



East-half Assembly, Outfitting and Testing

Connecting the individual pontoons together into three large segments, building elevated roadway sections on top of the pontoons, installing all electrical and mechanical parts and testing the retractable draw span assembly units.



East-half Float-in

Floating the pontoons from Seattle to the bridge site, putting them in place, connecting them together and installing the transition spans. The bridge will be closed to traffic during this time (May–June 2009).



West-half Mechanical and Electrical Retrofitting

Upgrading the mechanical and electrical systems on the west half to function efficiently with the new east half.

A bird's-eye view of the new east-half of the bridge

