

WILLOUGHBY CREEK BRIDGE REPAIR

In September, 2011, Jefferson County Public Works completed repairs to the Willoughby Creek Bridge on the Upper Hoh Road in West Jefferson County.

Flooding in January, 2009, severely eroded the stream bank threatening the roadway at both ends of the bridge. Repairs consisted of constructing a sheet pile retaining wall at the west end of the bridge and repairing stream bank armoring underneath and upstream of the bridge. Engineered logjams were also constructed upstream of the Willoughby Creek Bridge as additional stream bank protection. The work was completed by Seton Construction of Port Townsend.

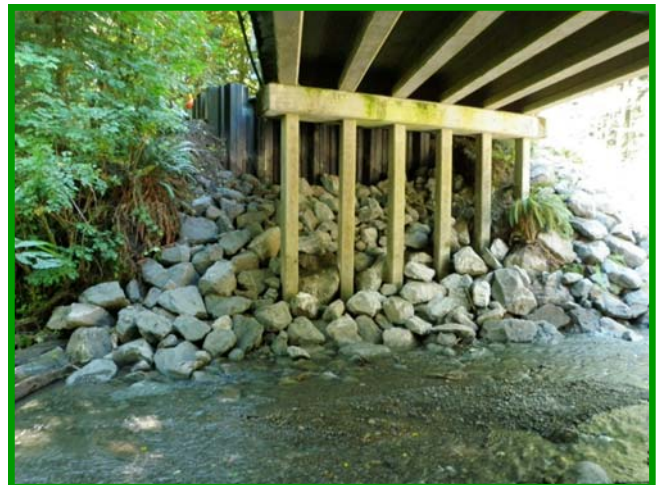


This view of Willoughby Creek Bridge shows many elements of the project — new sheet pile wall (foreground), and stream bank armoring and engineered logjams (background).

The Upper Hoh Road is a vital part of the County’s roadway system, serving local residents and providing access for thousands of annual visitors to the Olympic National Park Hoh Rainforest. This \$650,000 project was funded at 86.5% by the Federal Highway Administration Emergency Repair Program.



A view under the bridge before the repair project reveals severe erosion caused by flooding in 2009.



To preserve the integrity of the road and bridge, a sheet pile retaining wall was constructed at the west end of the bridge and stream bank armoring was replaced.