Pontoon drydock repairs - Portland

A worker inspects new caps on the exterior of longitudinal Pontoon T as it undergoes repairs at a drydock facility in Portland, Ore. in August 2013.

On Thursday, Aug. 22, crews floated Pontoon T out of the drydock in Portland, Ore. In this photo, support vessels lower the pontoon into the Columbia River.

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Washington State Department of Transportation

SR 520 Bridge Replacement and HOV Program

STATE ROUTE 520

SR 520 construction update: August 2013

Eastside construction

Crews use excavators in a median work zone to the east of the new Bellevue Way overpass, which is currently under construction.

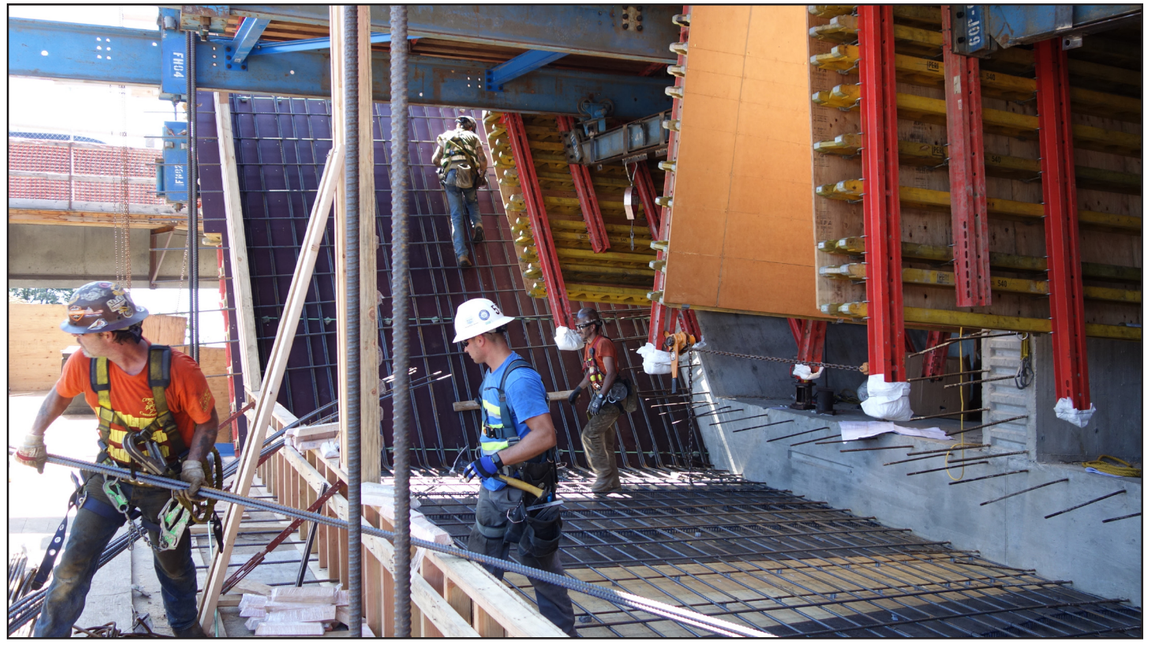
Crews applied concrete sealer to a wall that forms part of a new median transit stop at Evergreen Point Road. The new transit stop will provide bus riders with quick, convenient access from the new lid when the stop opens in 2014.

Washington State Department of Transportation

U.S. Department of Transportation
Federal Highway Administration

Floating bridge construction - Lake Washington

Progress continued in August on the piers for the new east approach structure in Medina. This photo faces northeast, taken from the construction catwalk on the existing SR 520 bridge.



Crews install roadway sections for the new east approach structure using a balanced cantilever construction method. Work on the elevated roadway occurs high above the ground, atop new bridge piers in Medina.

West connection bridge construction - Lake Washington

Crews complete challenging in-water work: to reach the column shafts for the new bridge, crews pumped concrete from the existing SR 520 roadway, across barges and into the column shaft.

Before concrete pumping could start, crews had to place a pipe – known as a tremie – down more than 70 feet to the shaft bottom. Crews closed the SR 520 bridge westbound overnight to pour concrete for the first column foundation for the new west connection bridge.