



CASE STUDY : PHOSCRETE HC

Bridge Expansion Joint Header



Location: [I-5 Nisqually River, Olympia WA](#) **Ambient Temperature:** [60°F, Night](#)

Agency: WSDOT Olympic Region

Contact: Steve McIntyre, Bridge Maintenance Supervisor, mcintys@wsdot.wa.gov

Installation Date: 6 July 2011

[Link to Google Photos Album](#)

Installation Notes: Damaged armor angle required rapid repair on heavily trafficked interstate. Armor angle was removed, concrete demolished, rebar tied down, remnants from the old asphalt patch were torched off. Phoscrete was mixed, placed, finished, and ready for traffic in 3 hours.



Reinspection Notes: Multiple visits over 5 years show no shrinkage, no cracking, and no delamination of the expansion joint header.



6 month Inspection 12/20/2011



1 year inspection 7/19/2012



2 year Inspection 4/24/2013



3 Year Inspection 8/6/2014



5 year inspection 11/ 2016 (Google Maps satellite image)