

- Barriers Remediated
- Total Barrier
- Partial Barrier
- Not a Barrier
- Remediated, Fish Response Unconfirmed
- ▲ Natural Total Barrier
- ▲ Natural Partial Barrier
- ★ Screened Diversion
- ★ Unscreened Diversion
- Unknown Passage Status
- Unassessed



Photo Credit: Ross Taylor of RTA

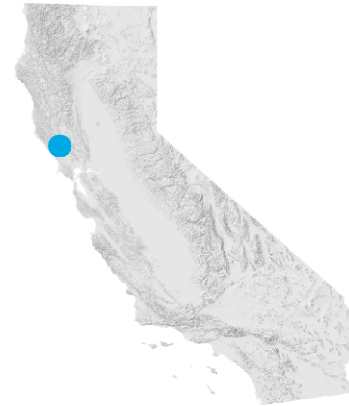


Photo Credit: The Press Democrat

**Site Name:** West Dry Creek Road

**Stream Name:** Grape Creek

**Structure Owner:** Sonoma County Department of Transportation and Public Works

**Year Remediated:** 2012

**Site Type:** Road crossing

**Site Status After Remediation:** Remediated, fish response unconfirmed

**Species Benefited After Remediation:** Multiple Anadromous Salmonids

**Immediate Downstream barrier PAD ID:** 705615

**PAD ID:** 712169

**Tributary To:** Dry Creek

**Barrier Remediation By:** Sonoma County Water Agency

**Barrier Description Prior to Remediation:** Partial

**Count of Barriers Downstream:** 6

**Count of Barriers Upstream:** 4

**Distance Upstream to Next Barrier or Limit of Anadromy :** 2.48697 Miles

\*Site statistics based on June 2015 version of the Passage Assessment Database

**Notes:** Concrete box culvert. Fish way with four concrete v-notch weirs and pools constructed on October 22, 2012 to improve fish passage. The University of California Cooperative Extension/California Sea Grant conducted a spawner survey upstream of the site in 2012-13 (the first winter following remediation) and they did find spawning coho salmon. The Water Agency has also found wild juvenile coho and steelhead upstream of the site in summer 2013 during snorkel surveys. The fish passage improvement project expanded the greatly expanded the range of flows that fish could pass. Before: Partial barrier per FishXing by Ross Taylor and Associates. FishXing determined this crossing was 28% passable for adults and 0% passable for juvenile salmon and steelhead. barrier to juvenile salmonids, adult passage ok. 30' long x 21' wide concrete apron spanning the channel to help protect the bridge abutments from scour and undermining, and wing walls on both u/s and d/s ends. Box culvert passable only over a narrow range of flows.