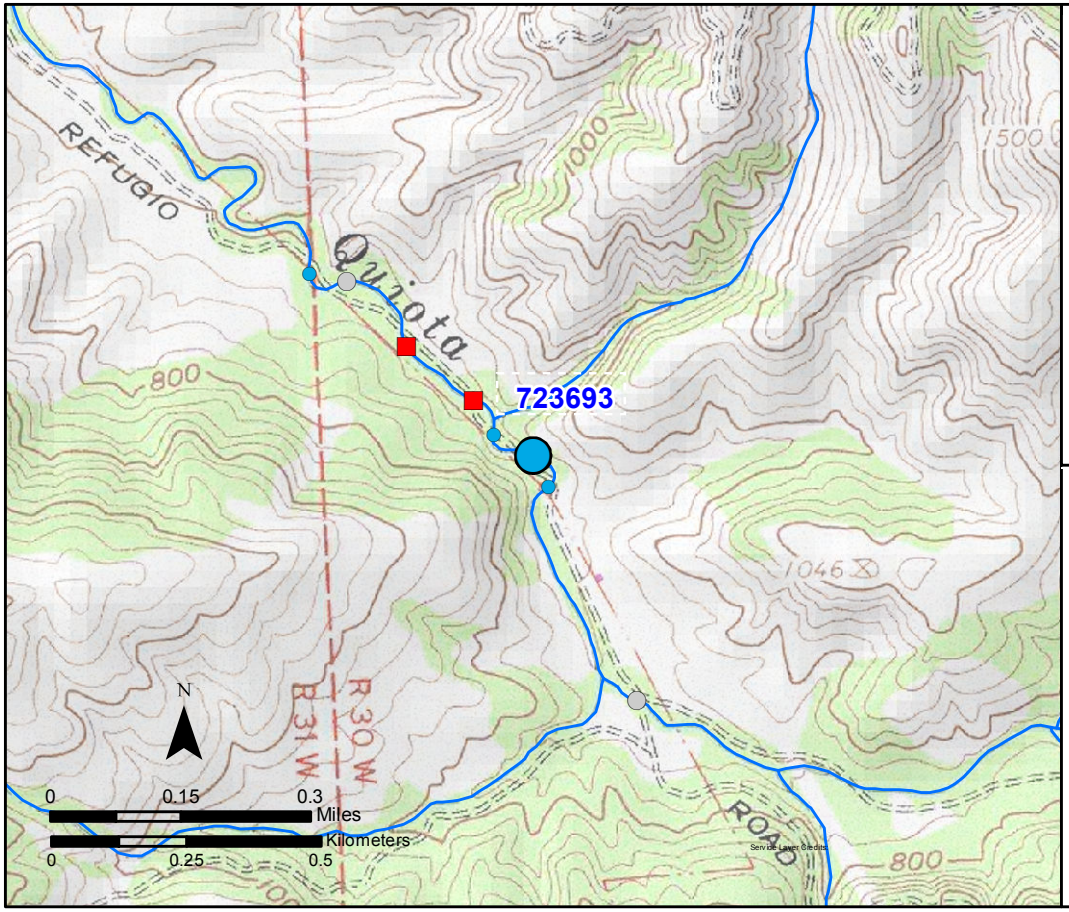

- Barrier Remediated
- Total Barrier
- Partial Barrier
- Not a Barrier
- Remediated, Fish Response Unconfirmed
- Natural Total Barrier
- Natural Partial Barrier
- Screened Diversion
- Unscreened Diversion
- Unknown Passage Status
- Unassessed

Site Name: Refugio Rd Low-flow Xing-7

Stream Name: Quiota Creek

Structure Owner: Santa Barbara County Public Works-Roads Division

Year Remediated: 2012

Site Type: Road crossing

Site Status After Remediation: Remediated, fish response unconfirmed

Species Benefited After Remediation: Steelhead

Immediate Downstream barrier PAD ID:

PAD ID: 723693

*Site statistics based on December 2014 version of the Passage Assessment Database

Tributary To: Santa Ynez River

Barrier Remediation By: Unknown

Barrier Description Prior to Remediation: Total

Count of Barriers Downstream:

Count of Barriers Upstream:

Distance Upstream to Next Barrier or Limit of Anadromy : mi

Notes: Low-flow crossing and degraded culvert were replaced by a bridge with a 60-foot bottomless-arched culvert. Two rock weirs were intalled as grade control and to create habitat. Expected to benefit juvenile and adult southern steelhead passage. Cachuma Project Biology Staff will conduct snorkel surveys within the creek 3x per year (spring, summer and fall) to verify an tract steelhead/raibow trout abundance within and around the project site. Before: Total barrier per professional judgement by Cachuma Conservation Release Board. This is a low-flow crossing is impassable during low flows due to insufficient water depth across the road surface. The culvert diameter is very small and likely produces excessive velocities and/or shallow depth for upstream passage in addition to having a very small area to jump into. During higher flows the downstream pool depth will allow salmonids to jump onto the road surface, but excessive water velocities across the surface may limit/prevent upstream passage for smaller steelhead. A narrow window of ideal flows will likely pass some larger steelhead for a short duration.