



- 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 statistics based on December 2014 version of the Passage Assessment Database

Site Name: Upper Concrete Channel

Stream Name: Mission Creek

Structure Owner: Santa Barbara County Flood Control District

Year Remediated: 2012

Site Type: Flood control channel

Site Status After Remediation: Remediated, fish response unconfirmed

Species Benefited After Remediation: Unknown

Immediate Downstream barrier PAD ID: [706534](#)

PAD ID: [707375](#)

Tributary To: Pacific Ocean

Barrier Remediation By: City of Santa Barbara

Barrier Description Prior to Remediation: Temporal

Count of Barriers Downstream: 4

Count of Barriers Upstream: 29

Distance Upstream to Next Barrier or Limit of Anadromy : 1.9075 mi

Notes: In the summer of 2012, the construction of a fish way (low flow channel) was completed with resting areas ("side pockets") at 40 foot intervals to allow fish to swim upstream during and/or following rain events. Observations during rains following completion of the upper channel have shown that the modified channel is performing as designed, with flow rates and depths that are acceptable for steelhead passage. Prior to remediation (February 2008), a 27" and a 30" steelhead was observed downstream of the lower concrete channel (PAD ID 707374)(see photos). MN_5- This CALTRANS channel measured 0.27 mile, using GPS. The channel is almost identical in configuration to the downstream channel (MN_2). Before: Temporal per professional judgment by Stoecker Environmental Consulting. Channel is 0.27 miles in length. During low flows, a short 2-foot vertical drop occurred at the downstream end of the channel to the surface of the downstream pool, which measured 2 feet 7 inches deep. Sufficient water depth exists to allow a jump onto the concrete channel with a low degree of difficulty.