

## Highway 395 Emergency Culvert Repairs

Contract Number	Contract Value	Completion Date	Prime or Sub
09A0484	\$63,585.11	February 2012	Prime

### Project Description:

Mountain Methods performed emergency storm repairs for Caltrans along the highway 395 corridor. This included 3 separate locations up to 50 miles apart. Tasks included replacing 60' of 48" HDPE culvert between the highway median. Pouring in place of concrete liners in 2 60" x 60' CMP culverts that had eroded floors causing major voids outside of pipe. Final task was to dewater and repair a wing wall and splash apron from a subsidiary stream into the Walker River. Clearing and grubbing, common excavation, pour in place concrete, water diversion, dewatering, traffic control, and erosion controls. These were completed simultaneously. Work included using a concrete pumping sub, 30,000lb excavator, concrete curing blankets.

### Problems Encountered and Corrective Actions Taken:

This project was completed in February requiring careful planning of all work phases. Frozen ground required preplanning in sizing of equipment and curing of concrete. Our coffer dam created a slow moving pond which froze over at night and prevented water from entering the bypass pipes. We corrected this by having a team respond every 4 hours to ensure water was flowing at the site. Mountain Methods excels in this type location and insures our Accident prevention plan is followed and activity hazard analysis are performed for each major task.



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