



REPAIRS TO OIL PIPELINES IN THE ANGELES FOREST

Winter 2005 rains caused landslides which ruptured oil pipelines passing through the National Forest. The only access is a historic roadway thus the Forest Service requires all impacts to be monitored, even for emergency repairs. In addition, numerous cultural resources are present in the National Forest and any impacts to those require mitigation. The regulatory environment was NHPA section 106 and NEPA. We performed this work for Pacific Energy Systems with the Angeles National Forest as the lead agency.



Services Provided: Monitoring for Cultural Resources, Monitoring Vehicle Impacts on Historic Roadway, Record Searches, Survey, Video Documentation of Roadway Each Work Day, Testing, Site Records, Prehistoric Artifact Analysis, Historic Artifact Analysis, Coordination Meetings with Forest Service, Impact Analysis, Mitigation Recommendations, Survey Reports, Testing Reports and Monitoring Reports.

Challenges: (1) Protection of deteriorating historic roadway and (2) Assisting Client to expedite SHPO approvals of plans for each repair area.

Solutions: (1) Tracked vehicle use of roadway by weight of equipment and vehicles, coordinated minimum vehicle traffic to work areas to reduce impacts to the fragile historic roadway and documentation of road condition daily.



(2) Each separate work area required record search, survey, recording of any sites located, impact analysis for both proposed work and proposed transportation plan plus mitigation recommendations. Testing of the integrity of the historic roadway adjacent to repair areas was also required. Client permitting was

expedited by deep understanding of Forest Service concerns based on extensive discussions allowing reports to be focused plus rapid turn around on revisions so that submittal was not delayed.