

---

# CCL Reviewed Delay & Lost Productivity Claims

## I-5/SR-54 Sweetwater Bridges Project

### San Diego, California

---

CCL was retained by the California Department of Transportation to review R.E. Hazard Construction Co.'s, the General Contractor, delay and lost productivity claims on the \$25.6 million Sweetwater River Flood Control project. The project consisted of five bridges, new freeway and a freeway interchange. The project was a joint project between Caltrans and the U.S. Army Corps of Engineers. The flood control portions of the project were completed by other contractors.



The contractor claim included earthwork productivity losses, weather delays, differing site conditions, bridge and concrete structures productivity losses, idle equipment, additional dewatering costs, change order costs rejected by Caltrans, structural steel price escalation costs, extended project and home office overhead costs, and utility relocation delays. The total claim amount was \$3.6 million. CCL reviewed the supporting documentation and claim damage calculations prepared by the contractor for each claim issue. CCL prepared an analysis of each claim and developed a list of additional records and documents needed to support the contractor's claims. The request for documents was provided to Caltrans for their use in obtaining the necessary information to properly evaluate the contractor's claims.

CCL prepared an analysis of the measured mile methodology used by the contractor to calculate lost productivity on construction of the bridges. CCL identified components of the analysis based on estimates of productivity losses versus actual losses, determined if productivity comparisons were on similar work, and prepared an alternate measured mile productivity analysis methodology using actual as-built job cost data. CCL analyzed overhead and financial records provided by the contractor to support project and home office overhead claims. CCL evaluated equipment rates used by the contractor in the claim.

CCL prepared a schedule analysis of as planned and as-built dates for each activity in the contractor's schedule. A comparative as planned versus as-built chart was prepared and computerized. The schedule analysis was used to identify and evaluate actual delays that occurred during construction and the impact of excusable delays on the project completion date.

CCL's findings were provided to Caltran's District 12 and Caltran's Legal Division for their use in issuing a Final District Decision on the contractor's claim.



**CCL Construction Consultants, Inc.**

**National & International Construction Consultants**

**Internet Address: <http://www.cclcon.com>**

**E-mail: [clcc@ix.netcom.com](mailto:clcc@ix.netcom.com)**

