



PROJECT: Luling Bridge & Hwy 626 Approaches

CLIENT: Louisiana Department of Transportation & Development

LOCATION: Kenner, Louisiana

CCL was retained by the Louisiana Department of Transportation & Development to review and audit Louisiana Paving Company, Inc.'s (LPC), the General Contractor, delay claim on the \$12.4 million Luling Bridge and Highway 626 Approaches project. The project included 1.5 miles of four lane roadway on a fill embankment in a water swamp area, two parallel bridge structures, and construction of a haul road through the entire length of the project for access during construction. CCL conducted a financial review of LPC's job costs and delay damage calculations, and prepared a linear scheduling method analysis using as-planned and actual production rates to determine the impact of specific delays on the project completion date.



LPC's work on the project was delayed due to the presence of hazardous and toxic materials on the job site which resulted in a suspension of critical work on portions of the project for seven months, presence of a high pressure gas line, and a dispute regarding pile splicing design and pile driving methods. CCL evaluated the contractor's pile driving methods and prepared a production rate based linear schedule analysis. CCL used the linear scheduling method to determine the impact of the differing site conditions at various stations on the project on the overall project completion date. The linear schedule analysis was computerized using a CAD system to develop graphics to show project progress at the time the delays occurred and the impact of the delays on remaining work.

CCL performed a detailed financial review and audit of the contractor's job costs and delay damage calculations. CCL evaluated the reasonableness of the contractor's equipment rates and idle equipment delay damages, established the contractor's actual equipment ownership costs, determined allowable and unallowable general and administrative expenses included in the home office overhead claim, reviewed field office overhead expenses, and evaluated change order costs that were already paid on the contract. CCL assisted the Highway Department in the preparation of production requests and interrogatories for the specific financial reports and job cost records necessary to properly evaluate actual delay damages.

CCL prepared a report of findings regarding project delays and the contractor's actual delay damages. The Department settled the claim with the contractor prior to the scheduled trial.