



PROJECT: Wastewater Treatment Plant Improvements

CLIENT: City of Mattoon

LOCATION: Mattoon, Illinois

CCL was retained by the City of Mattoon to evaluate contractor claims on the \$2.9 million expansion of the City's Wastewater Treatment Plant. The contractor submitted a \$800,000 claim for extra compensation due to differing site conditions, delays, design deficiencies, labor inefficiencies and additional equipment required for project completion.



CCL evaluated each claim issue and prepared a CPM schedule analysis. The schedule analysis determined the impact of each issue on the project completion date. Issues evaluated included unforeseen groundwater encountered during excavation of the holding basin, procurement delays for slide gates, 84" R.C.P. pipe laying delays due to pipe joint failures, and design and construction methods used pouring the concrete slab in the holding basin. CCL determined the number of compensable delay days due to unforeseen conditions and design modifications and the number of non-compensable delays due to non-excusable contractor delays.

CCL also prepared a detailed analysis of the contractor's base bid and actual job costs. Labor, material and equipment cost overruns were identified for earthwork, dewatering, concrete, pipe laying and other areas of the job. A cost comparison schedule was prepared showing bid and actual cost for labor, materials, and equipment based on the contractor's records. CCL determined the contractor's actual equipment ownership costs. Actual costs were used to compute idle equipment damages and extended usage of equipment costs instead of an industry published equipment rate schedule used by the contractor. The amount of unabsorbed home office overhead was determined using the contractor's audited financial statements.

The cost analysis in conjunction with the schedule analysis and evaluation of specific claim issues was used to determine the amount of equitable compensation due the contractor. CCL presented its findings in an arbitration hearing.