



CHRISTOPHER J. SABLE



Christopher J. Sable is an Executive Consultant for Long International and has nearly 20 years experience in various aspects of project and construction management, CPM schedule development and implementation, construction project auditing, construction claims analysis, and arbitration and litigation support. His qualifications include preparation and updating of CPM schedules, claims and change order analyses and resolution, document control and field supervision, subcontractor scope development and monitoring, productivity analysis, and cost estimating. This diverse expertise has been obtained through involvement on numerous project types, including petroleum refinery, gas supply expansion, semi-submersible oil platform, tank farm, natural gas floating platform, combined cycle power plants, cement storage facilities, processing plants, terminals, schools, apartments, museums, commercial buildings, and roadways and bridges.

EDUCATION

B.S., Civil Engineering, Clemson University

TECHNICAL EXPERIENCE

Representative U.S. and international engineering and construction technical experience includes:

- Construction claims analysis, preparation, and defense.
- Project baseline planning, including CPM schedule development, status updating, and performance measurement.
- Delay and acceleration analysis for time extension and compensable damages entitlement.
- Productivity analysis.
- Project status assessment
- Cost estimating.
- Field construction supervision.
- Arbitration proceedings and litigation support.

PROJECT EXPERIENCE

Mr. Sable's project and claims experience includes the successful completion of engagements for general contractors, engineering firms, and law firms. Representative listing of projects includes the following:

Power Plant and Petroleum Facilities

- Analysis of various contractors' delay and change order claims on behalf of the owner on a major Gasoline Optimisation Project in Trinidad, including modifications and upgrade to an existing fluidised catalytic cracking unit, a new C₃C₃ alkylation and sulphuric acid regeneration unit, an isomerization unit, a new heavy naphtha hydrotreater and continuous catalytic regeneration Platformer unit, a gas concentration unit, LPG caustic mercox (extractive) treater and offsites facilities modifications. Claim evaluations included an assessing the integrity of the contractor's baseline and schedule updates, preparing alternative impact analysis of delays allegedly caused by scope changes, and participating in negotiations to achieve settlement of the change order claims.



- Analysis of project status on a Gas-to-Liquid plant in Trinidad. The scope of work included analysis of missing scope of work to complete the plant and development of a restart-up schedule for the project.
- Data Analysis on a Natural Gas Floating Platform in Trinidad. The scope of work included analysis of Project Daily Reports, Vessel's Master Daily Logs, Daily Work Tickets, and contractor/client correspondence.
- Data analysis on a Tank Farm in Edmonton, Alberta, Canada. The scope of work included analysis of Welder Reports and Radiographic Inspection Reports.
- Data analysis on a Semi-Submersible Platform that was fabricated in Norway and installed in the Gulf of Mexico. The scope of work included coding various cost and schedule databases.
- Developed contractor's \$21 million delay and disruption claim against the owner of 4x2 combine cycle power plant in Romoland, California. The scope of work included a detailed CPM Schedule analysis to determine delay and acceleration responsibility.
- Analysis of contractor's \$8 million delay and disruption claim against the owner of 4x2 combine cycle power plant in Fairfield, Texas. The scope of the work included a detailed CPM Schedule analysis to determine delay and acceleration responsibility.
- Analysis of contractor's \$9 million delay and disruption claim against the owner of 4x2 combine cycle power plant in Eunice, Louisiana. The scope of the work included a detailed CPM Schedule analysis to determine delay and acceleration responsibility.
- Analysis of contractor's \$22 million delay and disruption claim against the owner of 3x1 combine cycle power plant in Baytown, Texas. The scope of the work included a detailed CPM Schedule analysis to determine delay and acceleration responsibility.
- Analysis of contractor's \$8 million delay and disruption claim against the owner of 2x1 combine cycle power plant in Redding, Pennsylvania. The scope of the work included a detailed CPM Schedule analysis to determine delay and acceleration responsibility.
- Analysis of contractor's \$0.9 million delay and disruption claim against the owner of 1x1 peaker power plant in Yuba City, California. The scope of the work included a detailed CPM Schedule analysis to determine delay and acceleration responsibility.
- Analysis of contractor's delay and disruption claim against the owner of 4x2 combine cycle power plant in Athens, New York. The scope of the work included a detailed CPM Schedule analysis to determine delay and acceleration responsibility.
- Analysis of contractor's delay and disruption claim against the owner of 2x1 combine cycle power plant in Boston, Massachusetts. The scope of the work included a detailed CPM Schedule analysis to determine delay and acceleration responsibility.
- Analysis of contractor's delay and disruption claim against the owner of 3x1 combine cycle power plant in Philadelphia, Pennsylvania. The scope of the work included a detailed CPM Schedule analysis to determine delay and acceleration responsibility.
- On behalf of the owner, furnished CPM scheduling services for a 2x1 combined cycle power plant in San Jose, California.



Roadways and Bridge Projects

- Prepared project schedule and analyzed delays for the general contractor on a highway construction project in Colorado.
- Analysis of delay and disruption claim on the construction of a widening project located in Westminster, Colorado. The scope of work included a detailed CPM Schedule Analysis to determine delay and acceleration responsibility.
- Analysis of delay and disruption claim on the engineering and construction of a causeway project located in Tampa, Florida.
- Scheduler responsible for providing contractor's baseline and update schedules on the \$100 million Palm Beach International Airport Interchange. Preparation of contractor's claim against owner due to unforeseen conditions, owner delays, and productivity issues.
- Project Engineer responsible for highway, interchange and bike trail design on the E-470 toll way located in Denver, Colorado.
- Project Engineer responsible for various interchange designs in Dayton Beach, Florida Port St. Lucie, Florida and West Palm Beach, Florida.

Building Projects

- Furnished CPM scheduling service for building contractor on multiple \$40 million high rise condominium complexes located in Miami and West Palm, Florida.
- Furnished CPM scheduling service for building contractor on luxury apartment home project located in Celebration, Florida.
- Furnished CPM scheduling service for building contractor on the High Museum of Art expansion project located in Atlanta, Georgia.
- Furnished CPM scheduling service for building contractor on the Dade County high School located in Miami, Florida.
- Furnished CPM scheduling service for building contractor on the Ft. Gillem Medical Laboratories located in Atlanta, Georgia.
- Project Engineer responsible for providing contractor's baseline and update schedules, change order request and general site supervision on a cement storage and distribution center in Mobile, Alabama.
- Assistant Project Manager responsible for change order request and general site supervision on an out-patient/MRI medical clinic in Austell, Georgia.
- Assistant Project Manager responsible for change order request and general site supervision on various tilt-up concrete warehouse/office build outs in Atlanta, Georgia.



PROFESSIONAL EXPERIENCE

Long International, Inc.

Littleton, Colorado (June 2007 to Present)

As an Executive Consultant with Long International, Mr. Sable provides claims analysis services on projects for both owners and contractors. Specific responsibilities include CPM schedule delay and acceleration analysis, document database development, change order impact analysis, issue identification, correlation of impacts to schedule activities, productivity evaluations, claims preparation, damages quantification, and arbitration/litigation support.

Demonstrated Performance, Inc.

Sacramento, California (January 2007 to April 2007)

As a Consultant with Demonstrated Performance, provided project controls and claims analysis services on a combined cycle power plant to ascertain responsibility of the parties for late project completion and acceleration compensation.

A.W. Hutchison/Navigant Consulting

Atlanta, Georgia (February 2003 to January 2006)

As a Project manager, provided CPM scheduling, time delay studies, productivity evaluations, claims analysis, cost and schedule evaluations, on-site management, cost-to-complete evaluations, and other related technical services.

Calpine, Inc.

Sacramento, California (November 2001 to September 2002)

As a Contract Claims Scheduler, performed detailed independent analyses and forensic engineering on various combined cycle power plants to ascertain responsibility of the parties for late project completion or acceleration compensation.

Modern Continental South, Inc.

West Palm Beach, Florida (August 2000 to August 2001)

As a Project Scheduler, developed, maintained, and updated a 2,400 activity, resource-loaded CPM schedule for a \$100 million highway interchange; produced weekly updates for the subcontractors, superintendents, and DOT's representatives; tracked quantities, production rates, and costs for project activities; produced mitigation schedules; performed a detailed claims analysis due to unforeseen conditions, owner delays and productivity issues; and scheduled subcontractors and materials delivery.

Ordner Construction

Lawrenceville, Georgia (March 1999 to March 2000)

As Assistant Project Manager, provided document control and field supervision; developed and reviewed subcontractor scope of work; scheduled material deliveries; scheduled subcontractors and produced closeout documents for a 40,000 s.f. out-patient/clinic medical facility, an 110,000 s.f. warehouse/tenant office, and a 16,000 s.f. multi-use office building. Produced estimates and bids for medical office buildings, high school expansions, tilt-up warehouse/tenant offices, and tenant interior improvement projects.



Beers Construction

Atlanta, Georgia (February 1998 to January 1999)

As a Project Engineer, developed, maintained and updated a 400 activity item CPM Schedule, developed and reviewed subcontractor scope of work, scheduled subcontractors, supervised field operations, reviewed and approved subcontractor progress payments, mitigated subcontractor claims, scheduled material delivery, and managed a design-build 62,000-square foot cement storage terminal at the Alabama State Docks located in Mobile, Alabama. Also developed and reviewed subcontractor scope of work, scheduled subcontractors, ordered materials, supervised field operations and managed a 2,850-ton cement distribution terminal in Buford, Georgia. In addition, produced estimates and bids for cement storage facilities, cement processing plants, and pump stations.

MK Engineering

Deerfield Beach, Florida and Arvada, Colorado (September 1995 to December 1997)

As a Project Manager/Engineer/Surveyor, developed the layout for control and utility relocations for the new 30-mile Denver E-470 Beltway. Designed a recreational trail for pedestrians and equestrians along E-470, laid out the baseline of ramps at interchanges, and produced plan and profile package sheets for miscellaneous project items. Designed and coordinated with the owner the relocation of public utilities along the 30 miles of roadway. Designed roadway alternatives for a 1.5-mile bridge replacement in Port St. Lucie, Florida, I-95/I-4 Daytona Interchange, and a 5 mile stretch of Biscayne Blvd. in Miami. Designed and produced construction plans for two Florida turnpike bridge rehabilitation projects. Performed an engineer review on construction plans to ensure compliance with FDOT Standards. Designed and produced a 10 phase M.O.T. plan for Okeechobee Blvd. interchange in West Palm Beach, Florida. Analyzed the contractor claims for merit and produced documentation for litigation.