Andrew "Jack" Crandell

Consultant – Construction Consulting

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Education

BS, Industrial and Manufacturing Systems Engineering, *University of Missouri, 2016*

Professional Certifications

OSHA 30-Hour Construction Safety

Six Sigma Greenbelt Certification

Memberships

Associated General Contractors of America (AGC)

AGC of Colorado Future Leaders Forum

Society of Construction Law North America (SCL NA)

Jack Crandell has 8 years of experience in the construction industry. Mr. Crandell was a project manager and project engineer for over 5 years and has focused on construction claim analysis and dispute resolution for the last three years. His primary focus is assisting clients in their efforts to substantiate or defend against claims for the recovery of time and additional costs, to avoid formal disputes, and to make informed decisions that result in equitable resolutions. Mr. Crandell has provided consulting services to a variety of owners, contractors, subcontractors, and attorneys located throughout the United States and the world.

Mr. Crandell performs detailed schedule and damage analyses related to the evaluation and quantification of construction claims. He consults on various construction projects in multiple industries, including chemical facilities, liquefied natural gas plants, transportation and rail projects, hospitality and hotels, residential developments, wastewater treatment facilities, and schools and universities. Mr. Crandell's experience includes projects using both modular and stick-built construction methods.

Mr. Crandell holds a B.S. in Industrial and Manufacturing Systems engineering from the University of Missouri.

Expertise:

- Schedule Delay Analysis
- Productivity Analysis
- Analysis and Preparation of Claims
- Analysis and Preparation of Expert Reports
- Mediation, Arbitration and Trial Support

Work Experience:

Aperture, LLC, (formerly The Sage Group), Denver, CO, *December 2022 – Present, Consultant*

The Sage Group, Denver, CO, *October 2022 – December 2022, Consultant*

Weifield Group, *2019 -2022, Project Controls, Project Manager*

Sachs Electric, CO *May 2017– December 2019, Project Engineer*

Aldridge Electric, *Summer 2015, Agile Operations Team Intern*

NOT FOR EXPERT DESIGNATION

Representative Project Experience:

- Performed damage analysis for a people mover at a California airport. The analysis was related to the additional costs resulting from project delays that extended the project duration, design changes, and labor inefficiencies.
- Performed damage analysis for a major high-speed rail project in California. The analysis was related to the additional costs resulting from project delays, extended duration and labor inefficiencies.
- Performed analysis related to a high-rise residential and commercial development in Salt Lake City, Utah. The analysis focused on damages resulting from incomplete and incorrect predecessor work, extended durations, and changes to the planned work schedule. The analysis was performed on behalf of the glazing and curtain wall subcontractor. The client received a satisfactory settlement prior to going to court.
- Performed forensic schedule analysis for a military base in the Persian Gulf. The critical path analysis was performed to determine the effect of late permitting on the project. The analysis was performed on behalf of the general contractor that replaced a previously terminated contractor.
- Performed schedule, entitlement, and change order analyses for a five-star hotel development in Park City, Utah. The analysis was performed to support the owner’s claim regarding the validity of a disputed performance bonus the contractor alleged it was due. The client received a favorable decision from the arbitration panel.
- Performed forensic schedule analysis for a multi-building residential development in Colorado. The analysis was performed on behalf of the owner to identify the impacts caused by the contractor that resulted in late project delivery.
- Performed analysis for a wastewater treatment facility in rural Texas. The analysis was performed on behalf of the mechanical subcontractor to quantify the schedule delays and cost overruns that resulted from the general contractor’s late and incomplete design. The analysis was also part of the assessment of the mechanical subcontractor’s claim that it was wrongfully terminated. The client received a favorable decision from the arbitration panel.
- Provided labor productivity analysis and consultation to a joint venture general contractor during construction of a multi-billion-dollar LNG facility in the United States Gulf Coast. Analysis consisted of partitioning over 25 million manhours of contractor productivity and production data into unique categories for comparison against estimated costs. The contractor provided the output to the owner for negotiations and potential litigation.
- Performed analysis for a specialty contractor constructing a modular chemical plant in the Houston, Texas area. Analysis consisted of quantifying the subcontractor’s 300,000 manhours of labor inefficiency caused by such things as weather and changed and added work.

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Last Updated: June 2026