

Brian J. Furniss, PE, PSP, CFCC

Senior Director

Brian Furniss specializes in CPM scheduling, delay and productivity analyses, risk and change management, cost quantification, and claims analysis. He provides these analyses during and after the project to help the project team manage the work, risks, and resolve disputes.

Brian is co-author of the book, *Construction Delays: Understanding Them Clearly, Analyzing Them Correctly*, has authored articles for industry publications, and is an award-winning speaker. Brian is a Professional Engineer in Florida, Texas, and Colorado, and is a Planning and Scheduling Professional (PSP) and Certified Forensic Claims Consultant (CFCC) with AACE International.

Brian has experience on airport, bridge, commercial, entertainment, gas refinery, healthcare, high rise, highway, hospital, government, hotel, laboratory, residential, prison, sports arena, theme park, pipeline, tunnel, transit, water, and wastewater projects in the United States, U.S. Territories, Canada, United Kingdom, Middle East, and Australia.

Selected Project Experience

- Provided expert testimony in Arbitration and Court on scheduling, delays, productivity losses, and damages; served as Arbitrator for dispute regarding project delays.
- Provided expert reports on delays and productivity losses incurred during the completion of military barracks and supporting facilities in California.
- Provided delay, productivity, and schedule risk analyses on LNG and refinery projects in the United States, Canada, and Middle East.
- Analyzed critical path delays to 3 contract milestones on a 5-year, \$500+ million new toll-road facility in Southern California. Determined party responsible for critical path delays, evaluated concurrent delays, and the cumulative effects of Owner changes to the critical path and contractor's means and methods.
- Performed analyses of critical path delays, change orders, scheduling and acceleration plans, subcontractor production, and other claims analyses on a new, 36-story high-rise in Miami, Florida.
- Used the measured-mile analysis to quantify productivity losses incurred by general contractor and its subcontractors during the construction of a new roadway and connecting bridges in Southern California.
- Analyzed critical path delays to over 37 buildings on a \$40+ million new condominium complex in Hawaii.
- Performed project scheduling, change order evaluation, and "what-if" acceleration scenarios for general contractor during its completion of an \$80+ million library in Chicago, Illinois.
- Provided baseline schedule, and risk analyses with Monte Carlo simulations on over 20 contract milestones for general contractor on \$300+ million world-renowned entertainment venue in Florida.



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EDUCATION

University of Central Florida
B.S. Industrial Engineering, 2003

United States Military Academy,
1998-2000

CERTIFICATIONS, LICENSES & AFFILIATIONS

Professional Engineer (PE)
Florida (Active); Colorado (Active);
Texas (Active)

Certified Planning and Scheduling
Professional (PSP), AACE
International

Certified Forensic Claims
Consultant (CFCC), AACE
International

AACE International
PMCOS, Fellow

HONORS

*Who's Who Legal: Consulting
Experts, Construction Quantum
and Delay, 2018, 2019, 2020*

*Who's Who Legal: Construction,
2019, 2020*

SELECTED PUBLICATIONS

*Construction Delays-
Understanding Them Clearly and
Analyzing Them Correctly; Elsevier
Science and Technology Books,
Burlington, MA, 2009*

"Understanding and Applying the
Elements of Constructive
Acceleration;" Source, AACE
International, Pages 21 through
29, February 2020