

Farid W Saddik

MIEAust CPEng NER APEC IntPE

Areas or Expertise:

Over 40 years of experience in domestic and international project scheduling, project controls, forensics, estimating, engineering, management, and technology. Strong construction management, technical, and engineering background.

Expertise in large and/or complex program/project construction management, CPM scheduling and Time-Location scheduling, cost, labor, cumulative impacts, COVID-19, productivity analysis, and issue evaluation

Public and private projects include highway, bridge, tunnel, airport, canal, rail and light rail, retrofit, hospital, power plant, hydroelectric dam, power transmission, wastewater, commercial building, school, industrial, data center, embassies and consular offices, and other – representing Owners, Contractors, and Subcontractors.

Qualified to serve on Dispute Resolution Board (Team) with multiple agencies. Served on Caltrans DRB.

Cofounder, CTO, and architect of enterprise-level scheduling software. Cofounder and architect of enterprise-level forensic productivity and scheduling software.

Sample Projects & Cases:

- HMC: TSMC Chip Plant, Arizona – Schedule and cumulative impacts review, analysis, recovery
- JWD: Athenex Manufacturing Facility, Dunkirk, New York – Schedule and cumulative impacts review & analysis
- DOT: San Francisco Doyle Drive Tunnel (approach to Golden Gate Bridge) – Cumulative impacts (CI), delays
- CCTA: Hwy 4, bridges, white paving (CRCP) widening, and improvements – Project controls, schedule
- DOT: Hwy 99 rehabilitation, white paving (CRCP, JPCP) pavement replacement – Project controls, CI
- Valley Water: Lower Berryessa Creek Phase 2 (flood protection) – Productivity, delays
- Coachella Valley Water District: Coachella 36-mile Canal Replacement Project – Productivity, schedule
- LAWA: LAX South Airfield Improvement Project (runway 7R/25L reconstruction) – Cumulative impacts
- BART: Several extensions and retrofit projects, including the TransBay Tube retrofit – Schedule, delays
- VA: VA Medical Center – Orlando, Florida - Productivity
- USACE: Several flood control and infrastructure projects. Represented both side on different projects.
- Duke Energy Inc. v. Bechtel. Edwardsport IGCC project (power plant). Estimating processes, project management standard of care, change management.
- MasTec North America, Inc. v. Isolux Ingenieria USA, LLC. Wind Energy Transmission Texas project (power transmission line). Scheduling, cost accounting, project management standard of care.
- Longview Power: Power Plant, West Virginia - Productivity
- Hawai'i State Department of Education: Waena School Expansion project – Maui, Hawai'i – Schedule
- Nalcor/Astaldi: Lower Churchill Dam Project - Labrador, Canada – Neutral evaluation team
- Vinci (PASA) v. Autoridad del Canal de Panamá. Panamá Canal Atlantic Bridge - Productivity
- Peab v. Unibail Rodamco. Mall of Scandinavia. Scheduling, standard of care, and loss of productivity.

Qualifications

Chartered Professional Engineer, IEAust CPEng (Australia)

National Professional Engineers Register NER – Mechanical (Australia)

Asia-Pacific Economic Cooperation International Professional Engineer (Australia)

Member, American Society of Mechanical Engineers. Member, American Society of Civil Engineers

Member, Australian Institute of Project Management

Master of Science, Systems Engineering. Bachelor of Science, Mechanical Engineering