

Exponent®
Engineering & Scientific Consulting

Roy Abdollahi, P.E., PMP

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Professional Profile

Mr. Abdollahi is a construction consultant specializing in project management, claims and disputes resolution. He has extensive experience in forensic schedule analysis, construction delay claims, cost estimation, project controls and Project Management Office (PMO). At Exponent, he has supported clients in disputes across various industries, including transportation, infrastructure, mining, oil & gas, industrial facilities, and high-rise buildings. His expertise includes critical path method (CPM) scheduling, productivity loss analysis, and damages quantification.

Prior to joining Exponent, Mr. Abdollahi worked as a Project Engineer for a general contractor in Northern California, where he managed large-scale infrastructure projects, including highway and bridge construction. He holds a Master of Science in Civil and Environmental Engineering from the University of California, Berkeley, and a Bachelor of Science in Civil Engineering from the Technion – Israel Institute of Technology.

Academic Credentials & Professional Honors

M.S., Civil and Environmental Engineering, University of California, Berkeley, 2019

B.S., Civil Engineering, Technion - Israel Institute of Technology, 2017

Licenses and Certifications

Professional Engineer Environmental Civil and Construction, New Jersey, #24GE06324800

Professional Engineer Environmental Civil and Construction, New York, #112814

Certified Forensic Scheduling Expert (CMI-FSE) by the Construction Management Institute of the USA

Project Management Professional (PMP)

Prior Experience

Project Engineer, Ghilotti Construction Company, California, US 2019-2022

Professional Affiliations

Association for the Advancement of Cost Engineering (AACE) NY Metro Chapter – 2025 Board Member (Secretary)

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Construction Management Association of America (CMAA) – Member

Project Management Institute (PMI) - Member

Society of Construction Law (SCL) - Member

Languages

Hebrew

Italian

Publications

Abdollahi R, Shetty G and Freas R. (CDR-4634) Mastering Concurrent Delays: A Case Study Guide for All Construction Stakeholders, AACE International 2025

Presentations

Abdollahi R and Freas R. (CDR-4634) Mastering Concurrent Delays: A Case Study Guide for All Construction Stakeholders, AACE International 2025

Project Experience

Industrial & Energy

Biodiesel Plant: Assisted in the expert report preparation for a multimillion-dollar dispute regarding reconstruction delays for a biodiesel plant in Tennessee. Conducted forensic schedule analysis and delay apportionment.

Liquefied Natural Gas (LNG) Plant: Analyzed claims related to unpaid field change notices and evaluated cost overruns and schedule impacts on module production at an LNG plant in Louisiana.

Potash Mine: Reviewed project documentation to determine design shortcomings and their impact on project timelines for a potash mine and production facility in Saskatchewan, Canada.

Transportation & Infrastructure

Transit Station: Conducted a detailed independent schedule analysis for a $4.5 billion transit terminal in California; assessing design and construction delays on behalf of the contractor.

Highway Improvement: Provided construction management services for a highway improvement project in Santa Clara, CA, tracking costs and schedule impacts while coordinating with multiple trades to ensure compliance with engineering specifications.

Bridge Off-Ramp: Supervised the construction of an off-ramp and adjacent bike path with associated infrastructure, including two bridges and eleven different retaining walls in the San Francisco Bay Area. The work included managing subcontractors, material procurement, and safety compliance.

Buildings & High-Rise

Residential: Performed forensic schedule analysis for a subcontractor involved in litigation related to a residential skyscraper in New York. Developed as-built schedules and assessed delay events.

Underground Work

Commercial: Managed contaminated soil excavation, grading, and paving for a new access road at a data center and food bank project in Northern California, coordinating storage tank installation and utility connections.

Utilities: Supervised utility locating operations prior to foundation drilling for a residential building in San Francisco, developing traffic control plans and coordinating permitting.

PMO

Sustainability: Managed activities for a major US tech company's Net Zero & Sustainability program, covering carbon reduction and responsible supply chain initiatives. Oversaw KPIs (Key Performance Indicators), milestones, budgets, and vendor subcontracts across global projects to ensure accountability and transparency. Coordinated resources across multiple organizations, supported governance through risk registers and steering meetings, and aligned outcomes with long-term strategy. Streamlined PMO frameworks to improve efficiency, visibility, and delivery of sustainability initiatives.