

Exponent®
Engineering & Scientific Consulting

Craig Steigerwalt, MBA, P.E., PMP, CCM, PSP

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Professional Profile

Mr. Steigerwalt brings over 20 years of comprehensive experience across all phases of construction projects. His expertise spans program and project management, construction management, CPM scheduling, cost estimating, contracting, project controls, and engineering design. He provides strategic guidance to clients on a wide range of topics, including construction management standards of care, project scheduling, cost estimation, risk mitigation, and claims prevention. Mr. Steigerwalt has extensive experience in critical infrastructure and energy projects, encompassing heavy highway and mass transit systems, electric power generation, commercial and residential developments, and site infrastructure improvements.

Mr. Steigerwalt has a proven track record in developing, analyzing, and supporting claims involving schedule delays, standards of care in construction and engineering, productivity losses, earned value assessments, design requirements, damage quantification, and cost overruns. His experience encompasses both domestic and international projects.

Before joining Exponent, Mr. Steigerwalt held key roles across the construction and engineering sectors. He served as a construction manager and owner's representative on a major heavy highway and mass transit projects. In this role, he developed expertise in construction management best practices, claims prevention, and quality assurance. He later held the position of contract and business manager for a prominent electric infrastructure contractor, where he gained in-depth experience in contract and subcontract administration, construction insurance policies, and teaming agreements. Earlier in his career, Mr. Steigerwalt worked as a professional design engineer at one of the world's leading design firms, specializing in roadway design, cost estimating, traffic control planning, drainage and stormwater systems, and site development improvements.

Academic Credentials & Professional Honors

M.B.A., Business Administration, Loyola College in Maryland, 2011

B.S., Civil Engineering, University of Delaware, 2006

Licenses and Certifications

Professional Engineer, Maine, #PE16587

Professional Engineer, Maryland, #40813

Professional Engineer Civil, Massachusetts, #52921

Professional Engineer Civil, New Hampshire, #15196

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Professional Engineer, New York, #103199

Certified Construction Manager (CCM)

OSHA #510 Occupational Safety And Health Standards For The Construction Industry

Project Management Professional (PMP)

Professional Affiliations

Association for the Advancement of Cost Engineering (AACE) - Boston Chapter (Past Chapter President)

American Society of Civil Engineers / Construction Institute – Claims Avoidance and Resolution Committee

Construction Management Association of America (CMAA) - New England Chapter

Project Management Institute (PMI) - New Hampshire Chapter

Northeast Energy and Commerce Association (NECA) – Renewable Energy Committee

Project Management College of Scheduling (PMCOS)

Claims and Litigation Management (CLM) Alliance – Corporate Fellow Member

Publications

Steigerwalt CM. Before the dig: taking early steps to identify underground utilities helps avoid claims later. CLM Construction Claims Publication. Fall 2023.

Steigerwalt CM, Mazadi M. Successfully Managing the renewable generation interconnection process. Western Energy Publication. Fall 2022.

Steigerwalt CM. Caution! Avoid the legal detour: understand your traffic control before you dig. Construction Outlook Publication. February 2022.

Presentations

Steigerwalt CM, Naser K. Saving owner’s millions: how to navigate tariffs on your project. Vermont Development Conference. October 2025.

Steigerwalt CM, Thakkar J. Construction standard of care: why should i care?”. Construction Management Association of America CMAA2025. October 2025.

Steigerwalt CM, Syed Q, Gahagan S, Tankersley G. Battery storage projects – lessons lived.” Western Energy Institute. Program Mgmt. + Utilities. September 2025.

Steigerwalt CM, Nelson R, Pillai S. Infrastructure from the ground up: power generation. ABA Forum on Construction Law, 2024 Regional Meeting. December 2024.

Steigerwalt CM. Construction risk management: preparing your next development. Vermont Development

Conference. October 2024.

Steigerwalt, CM, Thakkar J. Generating on time: addressing delays on renewable energy projects. Construction Management Association of America CMAA2024. October 2024.

Steigerwalt, CM, Perera, B. “Productivity or Poor Planning? A Proactive Approach to Productivity Tracking.” AACE Northeast Symposium. March 2023.

Steigerwalt, CM, Shetty, G. “Construction Delay Claims: Best Practices and Techniques on How to Address”. Colorado Defense Lawyers Association. November 2022.

Steigerwalt, CM. Mason, DJ, Barra, J., Wenger, R. “Material Shortages and Cost Escalation in the Built Environment and What it Means to You.” Vermont Development Conference. November 2021.

Steigerwalt, CM, Lackey, A, Stewart, D. “The Calm before (and after) the Storm: Anticipating, Mitigating, and Responding to Natural Disasters.” CMAA2021. September 2021.

Project Experience

Infrastructure

Mr. Steigerwalt worked as a professional design engineer on multiple roadway and highway projects. He was responsible for designing horizontal roadway alignment, traffic control plans, and drainage and stormwater management facilities.

Mr. Steigerwalt has been hired on numerous occasions as a standard of care expert to assist with reviewing proper highway/roadway design along with implementation of traffic control devices and maintenance of traffic as a result of accidents.

Mr. Steigerwalt has provided opinions on multiple projects relating to project management best practices, such as scheduling, cost control, and earned value management processes.

Mr. Steigerwalt has provided numerous opinions related to construction management standard of care on projects that were delayed, experienced cost overruns, or experienced an unforeseen event.

Mr. Steigerwalt worked as a contracts manager for a general contractor on multiple highway infrastructure projects. He was responsible for ensuring contract compliance, managing subcontractor contracts, and monitoring timely payments.

Mr. Steigerwalt worked as a resident engineer/construction manager on numerous bridge and roadway projects, performing such tasks as supervising field construction activities, managing changes and RFIs, monitoring safety procedures, mitigating against construction claims, and ensuring construction best practices.

Mr. Steigerwalt has been hired to analyze numerous claims and cost analysis for accidents and incidents that occurred during highway and roadway construction.

Mr. Steigerwalt has been hired as a consultant to review claims related to underground utilities during roadway construction.

Mr. Steigerwalt has been hired as a consultant to help contractors resolve their claims with owners due to improper construction means and methods.

Mr. Steigerwalt was hired as an expert to opine on the standards of care related to contractor vs. subcontractor responsibilities on a project that experienced a fatal accident during construction.

Mr. Steigerwalt was hired as a consultant to assist in finding a solution to mitigating roadway aesthetic issues after microtrenching construction for a fiber backbone.

Mr. Steigerwalt was hired as an expert to opine on the contractor responsibilities related to a sinkhole on Project Neon in Las Vegas, Nevada.

Mr. Steigerwalt was hired as a consultant to analyze multiple alternatives for a major highway expansion in Las Vegas, Nevada to provide a constructability perspective.

Mr. Steigerwalt was hired as a consultant to determine the impacts and associated costs of repair regarding an accident to an overpass bridge structure on I-95 in Connecticut.

Mr. Steigerwalt was hired as a consultant to assist with the NEPA process for a major Monorail expansion in Florida to highlight constructability concerns.

Major Utility

Mr. Steigerwalt worked as a Project/Program Manager for an electric interconnections and generation program for a large U.S. Utility, which interconnected photovoltaic solar, wind, and hydroelectric generators to the electric transmission grid. These projects ranged from 20MW to 400MW in proposed generation and had project costs ranging from $1.5M to $30M. He managed all phases of these projects from initial design through project closeout.

Mr. Steigerwalt helped develop a corporate wide asset management plan for a large U.S. Utility after many acquisitions of LNG facilities.

Mr. Steigerwalt performed a schedule delay analysis on a design-build nuclear power facility in Hawaii to determine responsibility and quantification of delay on project's schedule which resulted in cost overruns.

Mr. Steigerwalt has worked with a large U.S. Utility to resolve and settle a multi-million dollar claim due to abandoned asbestos wrapped piping during excavations for new water lines.

Mr. Steigerwalt has worked on a multi-million-dollar international claim on an electric and communications project in Uzbekistan, performing cost and schedule delay analyses due to a construction contract that was terminated due to delays.

Mr. Steigerwalt performed a schedule delay analysis on an active construction project after an explosion at an electric generation facility to determine the impacts of the explosion to the on-going construction schedule.

Mr. Steigerwalt was hired as an expert to opine on the standards of care with construction excavation procedures related to an electrocution during foundation excavation.

Mr. Steigerwalt assisted in performing a schedule delay analysis on a major $60B LNG Plant in Australia that experienced delays and cost overruns.

Mass Transit

Mr. Steigerwalt worked as a construction manager/owner's representative on a design-build rail line extension project in California, performing such tasks as identifying risks in both design and construction, monitoring project controls, managing changes and RFIs, and performing on-site quality control.

Mr. Steigerwalt worked on a schedule delay analysis and productivity analysis on a fiber backbone project along a major rail corridor in New York City,

Mr. Steigerwalt analyzed labor costs associated with alleged change orders, extended field overhead costs, and other alleged job cost overruns for a claim related to communication and electrical upgrades in an underground railway located in New York City.

Commercial and Residential Construction

Mr. Steigerwalt was hired as an expert to perform a forensic schedule delay analysis on multiple commercial projects to determine quantification and responsibility.

Mr. Steigerwalt has been hired to examine existing cost estimates on numerous insurance claims for both commercial and residential properties to determine costs to repair potential damages.

Mr. Steigerwalt has been hired as an expert for claims connected to construction standard of care issues related the construction of a senior center.