



Exponent®
Engineering & Scientific Consulting

Matt Ma

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Professional Profile

Mr. Ma's construction experience includes risk analysis, project scheduling, BIM coordination, cost evaluation, and dispute resolution. He is dedicated to addressing industry challenges by implementing innovative solutions and streamlining processes that drive efficiency and reduce risk for clients. Mr. Ma has contributed to municipal and infrastructure projects, including tunnel and bridge developments, where he advanced energy-efficient strategies and improved cross-agency coordination. His expertise in quantifying productivity losses, evaluating change orders, and enhancing constructability allows him to deliver practical, data-driven insights that support informed decision-making. By combining technical precision with a collaborative approach, Mr. Ma helps clients deliver successful project execution across civil, energy, and utility industries.

Having worked on large-scale infrastructure projects and claim disputes, Mr. Ma brings a deep understanding of how meticulous project management drives successful outcomes. His skills in evaluating delays, productivity losses, and design challenges have reinforced the importance of translating management strategies into practical, field-ready execution that support resilient and sustainable project delivery.

Mr. Ma is passionate about advancing sustainable and efficient solutions in the infrastructure and construction sectors. He emphasizes approaches that balance technical precision with practical, client-focused outcomes, integrating innovation to address complex project challenges. He holds an M.S. in Civil and Environmental Engineering from Stanford University and a B.S. in Civil Engineering from the University of Wisconsin–Madison.

Academic Credentials & Professional Honors

M.S., Civil Engineering, Stanford University, 2025

B.S., Civil Engineering, University of Wisconsin, Madison, 2023

Prior Experience

Land Supply / Municipal Intern, AECOM, Hong Kong, 2024

Claim Case Consultant, Hanna Consulting Group Inc, Madison, WI, 2022-2023

Project Experience

Municipal Infrastructure Planning & Design Coordination

Contributed to the Tsing Yi–Lantau Link and Widening of Yuen Long Highway projects as a Land Supply and Municipal Intern with AECOM in Hong Kong. Prepared and revised gazette drawings covering tunnels, bridges, and marine structures while drafting design memorandums that integrated passive renewable energy systems and complied with local codes. Developed project management tables to align engineers, government authorities, and regulatory agencies, improving coordination across multiple stakeholders. Supported the advancement of energy-efficient strategies that enhanced long-term sustainability for large-scale infrastructure.

Construction Claims & Productivity Analysis

Served as a Case Consultant with Hanna Consulting Group, providing engineering and legal expertise for construction dispute resolution. Investigated root causes of productivity losses stemming from design defects, change orders, and work stoppages. Applied methodologies such as the Total Cost Method, Measured Mile Method, and Construction Industry Institute Method to quantify cumulative labor impacts. Drafted expert reports that combined statistical and legal analysis to support claims, contributing to successful resolution of complex disputes.