Infrastructure Project Risks

Daniel D'Angelo, P.E., PMP, PMI-RMP
Principal Engineer, Applied Research Associates

Abstract: How can we improve project delivery? By understanding and improving project risk management!

Dan will examine contemporary risk management strategies, methods, documentation, and tools currently being utilized to actively assess and manage transportation project risks. There will be a focus on risk identification, analysis, and management techniques that result in successful program delivery and enhanced stakeholder communications. He will highlight recent research by the National Academies on Complex Project and Risk Management. Dan will demonstrate the challenges through a case study utilizing the Tappan Zee Bridge Replacement.

Biographical Sketch:

Daniel D’Angelo, PE, is a Principal Civil Engineer with Applied Research Associates (ARA) Transportation Infrastructure Division leading their risk consulting services and providing national training on risk and complex project management.

Prior to joining ARA, Dan was employed by the New York State Department of Transportation where he was a Deputy Chief Engineer. He was Statewide Director of Design, the Design Quality Assurance Bureau, and lead coordinator for the Federal Highway Administration’s Every Day Counts innovation program. Dan has been active nationally on research and innovation with the National Academies of Science.

Dan has worked on numerous notable projects, including the Tappan Zee Bridge Replacement, the Westside Highway in Manhattan, the Kosciusko Bridge Replacement, and several reconstruction and safety improvement projects. He led the State's effort to create a Design-Build Procedures Manual and Risk Management Manual.

Dan is a UB graduate, receiving his BS in Civil Engineering; he has an MBA from Norwich University. Dan is a licensed Professional Engineer (P.E.) in New York State and has internationally recognized certifications from the Project Management Institute as a Project Management Professional (PMP), Risk Management Professional (PMI-RMP), and Portfolio Management Professional (PfMP).

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Location: 200G Baldy Hall, UB North Campus Date: Monday, April 10, 2017
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