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Title:

Evaluating End-of-Project Delays on Complex Projects

Abstract:

As the construction phase nears completion on complex projects, the project's critical path will typically flow through testing and commissioning, followed by substantial completion, followed by punch list resolution, and final completion. Many predecessor relationships typically exist between construction and commissioning phase activities and substantial completion that must be contractually satisfied for this important project milestone to occur. This creates a logic bottleneck wherein various scenarios occur in which there are many potentially indeterminant, critical, near-critical, and concurrent delays because there is typically little, if any, project float available. This leads to the saying that at the end of many projects "everything becomes critical."

Speakers:

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Wayne DeFlaminis is a construction industry expert with more than 25 years of claims evaluation experience. An internationally recognized delay, productivity, and delay damages expert, Wayne has provided litigation and arbitration testimony on topics such as critical path method (CPM) scheduling, delay analysis, lost productivity damages, construction cost impacts, construction management principles, and construction finance issues. Wayne has provided opinions on project delays in an international arbitration forum. His prior engineering experience includes construction management, nuclear plant management, and mechanical engineering design. As a former certified National Highway Institute (NHI) instructor, Wayne led NHI's CPM Scheduling, Claims Avoidance Principles, Alternative Contracting Methods, and Principles of Writing Highway Construction Specifications courses at more than 10 Transportation Agencies across the United States.

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Nicholas Orso is a construction industry expert with 23 years of claims evaluation and active project advisory and consulting experience. Nick specializes in such topics as critical path method (CPM) scheduling, cost engineering and damages analysis, delay analysis, lost productivity, and construction management principles. Nick's prior engineering experience includes project controls on active projects, including being the PMO Senior CPM Schedule Engineer for the FTA on the \$11B+ mega-project East Side Access in New York City. Nick has worked internationally, from Sierra Leone to Panama, and has lectured at industry events and presented training seminars to such clients as Amtrak, SEPTA, and state highway administrations.

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