



Exponent[®]
Engineering & Scientific Consulting

John Corbin

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Professional Profile

With over 15 years of professional experience, Mr. Corbin has worked on many phases and aspects of the construction and utilities industries across a wide range of projects. His project and program management experience includes planning, managing, and driving progress on engineering, permitting and constructability activities from proposal phase to project close-out on complex projects to large-scale, multi-year programs.

Mr. Corbin is a strategic program and project management leader. He combines deep expertise in cost and schedule analysis, procurement strategy, resource management, and regulatory compliance with a talent for building high-performing, cross-functional teams. Recognized for driving operational efficiency, mitigating risk, and optimizing execution paths that align with business objectives, Mr. Corbin is adept at navigating diverse industries and project types, ensuring measurable value and sustainable outcomes.

Over his last nine plus years at Exponent, Mr. Corbin has been supporting utility clients in various capacities. He has led program development and process improvement initiatives and successfully delivered on project and program management work.

Highlights of his key areas of support include:

Program Development and Management

Directed project development and transforming new regulatory requirements into well-defined scope and procedures, and creating reliable forecasts, schedules, and work plans.

Led multi-year forecasting and resource planning processes, aligning capacity with demand to support cost, resource, and schedule optimization.

Drove dependency management and resolution for a system-scale electric transmission tower coating program, and improved efficiency by improving work sequencing and reducing crew reallocation.

Utilized Management of Change (MOC) process to drive successful change without causing churn by involving relevant stakeholders and delivering process improvements that impact key metrics.

Regulatory Support

Developed unit and cost estimates for inclusion of a new program in utility rate case submission. Led execution and variance explanations for a program's life cycle.

Provided regulatory justification and supported discussions with utility and regulatory agencies to incorporate a new process for gas pipeline integrity.

Reporting Development and Maintenance

Partnered with functional leads, program and project leadership, and organizational leadership to develop meaningful metrics and actionable reporting to ensure proper executive and leadership-level communications and decision making.

Strategically developed catch-back plans where needed to ensure resolution of project and program challenges.

Academic Credentials & Professional Honors

B.S., Civil Engineering, University of Virginia, 2008

Publications

Kornuta, Jeff; Corbin, John; Veloo, Peter. "Implementation of PHMSA mega rule elevates NDT's importance." Oil & Gas Journal, 5 July 2021, Endeavor Business Media, LLC.

Project Experience

Natural Gas Utility Work – Mr. Corbin provides project and program management, and program development services for a program that performs engineering assessments for integrity and material property verification for natural gas pipelines. He oversees program forecasting, contract development and allocation, metrics development, and process improvement initiatives.

Electric Utility Maintenance – Mr. Corbin has supported electric transmission tower coating projects in a project management, program management, and program metrics capacity. He ensures effective stakeholder communication, allowing for efficient dependency management and work execution.

Electric Utility Work – Mr. Corbin has led several electrical utility relocation projects. He manages the financial and resource forecasting and reporting, schedule updates, variance analysis and explanations, and progress flow. He also assists with company-wide process improvements for the utility company by ensuring timely completion of activities and providing a communication conduit for information exchange between all stakeholders.

Project Controls Services – Starting early in his career with document control, Mr. Corbin has been working in or overseeing project controls for over 15 years. He has developed and maintained schedules on several large construction projects with input and oversight on many others. He has provided detailed accounting, including change order management, on projects in many sectors of the construction and utility industry. His skilled and thorough project knowledge and insight help understand variances at the micro and macro levels.

Commercial Construction Project Management – Mr. Corbin led submittal review and processing, manufacturer tracking and production tracking, prepared monthly owner and subcontractor payment requisitions, compiled detailed cost reports for internal upper management and led resolution of all project related cost disputes for a large expansion project.

Design-Build Process Management - Mr. Corbin assisted with design team schedule management and design assist subcontractor oversight and coordination for a large hospital project as well as a mid-sized

correctional facility expansion. He led collaborative value engineering efforts with internal and government teams and created schedules and logistics plans to maintain crew flow and efficiency.

Preconstruction Services - Mr. Corbin provided design analysis including constructability reviews, budget analysis and quantity take offs for a large corporation. He created and updated early estimates for several projects. Preconstruction services were administered on amusement park, healthcare, office building and airport commercial construction projects.

Government Contracts Management – Experienced with government contracts management, Mr. Corbin reported on certified payroll, quality control issues and schedule and cost issues while maintaining strict adherence to Federal Acquisition Regulations and Defense Federal Acquisition Regulations. Detailed project controls plans and good accounting practices were vital to maintaining government compliance.

Change Order Resolution - Mr. Corbin assumed responsibility for troubled projects and led project teams to on-time substantial completion with approving clients. He completed the negotiation of all final settlements and the accounting for all final payments. Mr. Corbin led pricing and proposal reviews with owner's development team and finalized deals with subcontractor's company officers.

Quality Control - Mr. Corbin gained experience with concrete quality control while doing reinforcing steel inspections and concrete pour reviews for a bridge project. He also completed after cast inspection reports including detailed surveying and integrity review. While managing subcontractors on a new hospital project, he oversaw a full cycle quality control program to ensure a sterile and high-performance final product.

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