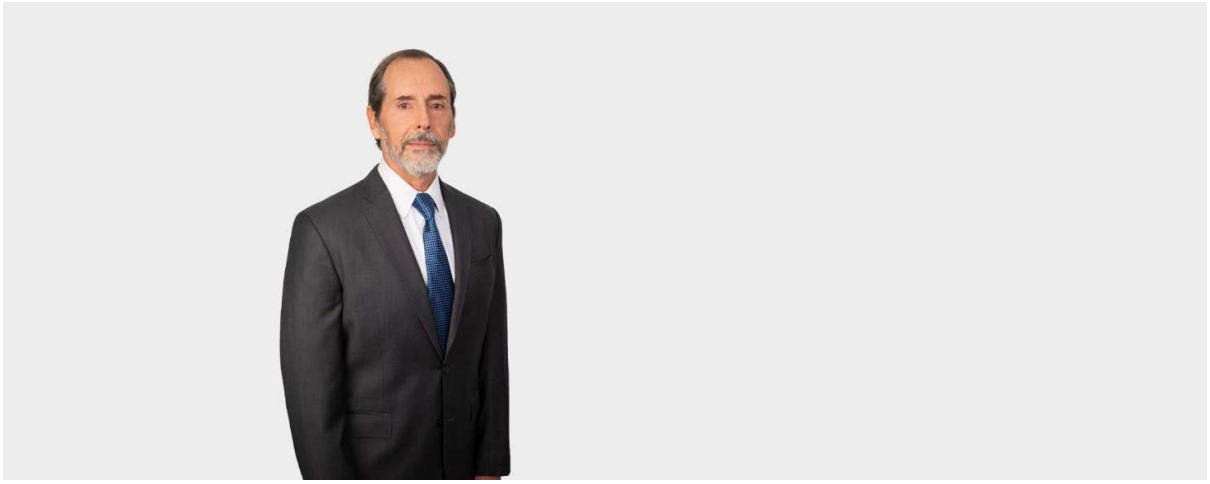
CURRICULUM VITAE

# JOHN H. MCTYRE

## PARTNER



## QUALIFICATIONS

MS, Civil Engineering, Stanford University, USA
BS, Civil Engineering, Swarthmore College, USA
BA, Spanish Literature, Swarthmore College, USA
Engineer-in-Training (EIT), Pennsylvania
Planning and Scheduling Professional (PSP), Maryland

## PROFILE

**John H. McTyre** has more than 35 years of experience in the construction industry. For over 10 years, John has served on-site as an assistant superintendent, project manager, and owner's representative. He has also prepared and analyzed construction claims, including delay quantification, delay damages, loss of efficiency, and extra work entitlement.

John's representative projects include power plants, oil sands, gold and copper mines, liquefied natural gas (LNG) facilities, pipelines, airports, road/highways, petroleum refineries, stadiums, educational facilities light rail systems, hospitals, government buildings, and waste treatment facilities. His clients include owners, contractors, subcontractors, federal/state governments, and design firms. John has testified as an expert in federal court and various state courts and in front of the International Chamber of Commerce (ICC) (in Spanish and English), Armed Services Board of Contract Appeals, Lima (Peru) Chamber of Commerce (testimony in Spanish), and American Arbitration Association (AAA). He has also made several mediation presentations.

John was also an instructor at the Catholic University of America's Graduate School of Civil Engineering.

## EXPERIENCE

### INFRASTRUCTURE

**Hong Kong International Airport, Chek Lap Kok, Hong Kong**
John led a team that prepared the delay analysis for the construction of the largest passenger terminal building in the world at the time. A major delay issue was the fabrication and erection of structural steel modules that framed the airport. The team's analysis involved a unique method of applying a conventional methodology that clarified the precise amount and cause of critical delay at any point in time. The analysis was presented in mediation, where the matter settled. The claim amount was in excess of $1B.

**Jamal Abdul Nasser Viaduct and At-Grade Road, Kuwait City, Kuwait**
John prepared a delay analysis and rebuttal of opposing expert report for delays on an $800M Project. The Project replaces 11 kilometers of at grade road with combined at grade and viaduct construction. The Project was delayed in excess of 4 years. John prepared and presented an expert report and a rebuttal report at an ICSID arbitration.

**Ottawa Light Rail System, Ottawa, Ontario, Canada**
John prepared a delay analysis on behalf of the constructor against the project designer for a claim in the amount of CAD$150M. The project included approximately 13 kilometers of track with 10 above-ground stations and three underground stations. John prepared a claim report and a rebuttal report and provided expert testimony in an International Chamber of Commerce (ICC) arbitration.

**Port of Callao Expansion, Lima, Peru**
John analyzed delays, extended performance costs and costs of extra work performed during the expansion of one of the largest ports in Latin America. Prepared an expert report and testified in Spanish before an ICSID arbitration tribunal. John participated in the preparation of a post hear report.

**Lai Chi Kok Viaduct, Kowloon City, New Territories**
John led a team in completing 17 different delay analyses – one for each key date in approximately six months for a project described as “probably the most complex urban viaduct project ever undertaken in Hong Kong.” The project involved the balanced cantilever construction of 1.4 kilometers of elevated viaduct over an active urban section of the city and associated access ramps, street realignments, and so on. The project had 17 interrelated completion milestones (key dates), each with significant liquidated damages. Each key date incurred a critical delay of 7.5 to 39.5 months. The delay analysis was used by the contractor to settle with the government.

**Windsor-Essex Parkway, Ontario, Canada**
This $1.4B highway between Windsor and Essex consists of a six-lane urban freeway connecting an existing highway to the future bridge to Detroit. Construction included a four-lane service road connecting to existing highways and roads, a multi-use trail network, green space, tunnels, bridges, and interchanges. John prepared a schedule analysis to determine the impact of issues that were not known at the time the proposal was submitted by the public-private partnership (P3) contractor.
He also assisted in developing a recovery schedule after additional delays were incurred due to issues relating to the construction of precast girders. John was later asked to prepare a delay analysis resulting from the need to remove and replace the precast girders on the project. This analysis was used to settle the dispute between the P3 contractor and the precast supplier/installer.

**Perimetral Oriental de Bogota, Colombia**
Prepared a delay analysis of the construction of a 154-kilometre highway in Colombia. John prepared a report for an ICC Arbitration. The matter settled prior to the start of arbitration.

**East-West Expressway, Orlando, Florida, USA**
John performed a quantity take-off for the cut and fill associated with a section (~10 miles) of the East-West Expressway. The quantity take-off was used as part of a delay analysis, which was used to settle a dispute.

**Passaic River Bridge Widening – Route 3, Bergen and Passaic Counties, New Jersey, USA**
John prepared a preliminary delay analysis for the general contractor’s claim for delays incurred during the bridge's widening. The analysis was used to settle the matter.

**Long Island Rail Road (LIRR) Replacement Bridge over Reynolds Channel, Long Beach, New York, USA**
John prepared a delay analysis related to replacing a train bridge over the Reynolds Channel, which was used to settle the matter.

**Route 46 Bridge Widening at Rockaway River, Morris County, New Jersey, USA**
John prepared a delay analysis for the general contractor responsible for widening the bridge at the Rockaway River. The analysis was used to settle the matter.

**Sarasota–Bradenton International Airport Expansion, Sarasota, Florida, USA**
John assisted in analyzing the delay for the general contractor on the airport expansion. The analysis was used to settle a delay dispute with the owner.

**Ronald Reagan Washington National Airport Runway Improvements and Modifications, Arlington, Virginia, USA**
John prepared cost- and resource-loaded 90-day and baseline schedules and assisted the general contractor with value engineering related to schedule improvements.

**Dulles International Airport Expansion, Dulles, Virginia, USA**
John assisted in preparing a delay analysis for the excavation subcontractor regarding the extension of the underground railcar system. The analysis was used to settle the delay dispute.

**State Route (SR) 665, Annapolis, Maryland, USA**
John assisted in the preparation of a delay claim related to the construction of an approximately eight-mile portion of SR 665, including a bridge. The analysis was used to settle the dispute.

**Toronto Metro Rail System, Toronto, Ontario, Canada**
On behalf of the contractor, John analyzed delays in excess of two years incurred during the construction of a section of the underground metro rail system in Toronto. The section comprised two 6.5-kilometer tunnels using tunnel boring machines (TBMs). He also delivered a presentation to the owner to avoid escalation of the dispute. The matter settled after the presentation.

**JFK Light Rail, New York, New York, USA**
John led a team in preparing a delay analysis for the construction of the $1B light rail system at JFK Airport. The system connected the different terminals to the New York City subway system (Jamaica Station). The delay analysis was used to settle the dispute between the contractor and the owner.

**Maryland Transit Administration (MTA)-Maryland Area Regional Commuter (MARC), MTA-MARC Public Address (PA) System and LED Sign System Replacement, Baltimore, Maryland, USA**
John analyzed the delay on a project involving the replacement of the PA and LED sign system for 38 stations. He also prepared a report of his findings that the client used to settle the matter.

**Highway and Bridges Project, Bolivia**
John analyzed delays incurred by the contractor building a 70-kilometer highway and bridges in a mountainous region of Bolivia. He prepared a report of findings and a rebuttal report of the opposing expert's analysis in Spanish. John's findings were presented in an ICC arbitration hearing.

## INDUSTRIAL

**Refinery Expansion in South America**
John prepared a delay analysis for a $5B expansion of one of South America's largest refineries. The expert report and rebuttal report were both prepared in Spanish. This matter is scheduled to be heard in an ICC arbitration.

**Gorgon LNG Project, Barrow Island, Western Australia**
John was asked to review an expert delay analysis and serve as the opposing expert in a mock arbitration related to the construction of a $50B+ LNG facility. One of the major contractors incurred delays in excess of six months on portions of its work.

**Bioethanol Facility**
John analyzed cost overruns of approximately 20% associated with design and construction delays and inefficiencies in a $200M+ bioethanol facility.

**Refinery Expansion, Antwerp, Belgium**
John prepared a delay analysis for a refinery expansion project that included an outage. During the outage the project work continued 24/7, and the schedule was updated daily. The contractor used the analysis to reach a settlement with the owner.

**Rigesa Paper Mill, Brazil**
John evaluated a delay analysis, delay damages, and extra work entitlement prepared by a contractor on a $200M paper mill expansion. The project had multiple milestones with liquidated damages for each. Delays ranged from 100 to 250 days. He testified in ICC arbitration as a delay and damages expert on behalf of the owner.

**Kinteroni–Nuevo Mundo Gas Extraction/Distribution Facility, Peru**
John prepared a delay analysis (in Spanish) for delays incurred during the construction of gas distribution facilities and interconnecting pipelines in eastern Peru. He testified in arbitration (in Spanish) as an expert in delay analysis.

**Curtis Island LNG Facility, Australia**
John analyzed a major delay claim and evaluated the likelihood of timely completion for a project involving the construction of a two-train LNG plant and ancillary facilities. He also evaluated the current status of construction.

**Malaysia LNG Tiga, LNG Facility Expansion, Bintulu, Sarawak, Malaysia**
John prepared a delay analysis for a project involving the two-train expansion of an LNG plant. At the time of construction, the project was to become one of the largest LNG facilities in the world. Each train was capable of processing approximately 3M metric tons per year. The contractor had incurred critical delays in excess of three months and the contract imposed liquidated damages of $1.2M per day. The analysis was used to arrive at a settlement.

**No. 3 Colander Facility, Winchester, Virginia, USA**
John prepared a delay analysis for the owner for delays incurred during the construction of a plastics facility. The analysis was used for settlement purposes.

## POWER GENERATION AND TRANSMISSION

**Cerro del Águila Hydroelectric Plant, Central Peru**
John analyzed the contractor's $100M claim for delay, associated damages, and extra work incurred during the construction of a 500-MW hydroelectric facility and prepared a report in Spanish of his findings. The plant owner settled this matter using John's analysis.

**Chicoasen Hydroelectric Facility, Mexico**
John analyzed costs incurred by the equipment fabricator due to a two-year suspension of works on a 240-MW hydroelectric facility. He prepared a draft report in Spanish for submission to the general contractor. The draft report was used settlement.

**Punta Catalina Power Plant, Dominican Republic**
John analyzed delays of approximately two years on a 700-MW coal-fired power facility and drafted a report with preliminary findings in Spanish for the client. The draft report was used to settle the dispute.

**Tintaya-Constancia High-Voltage Transmission Line, Peru**
John prepared a delay analysis, calculated extended performance costs, evaluated entitlement/cost of extra work, and prepared an inefficiency analysis-related acceleration for the construction of a high-voltage transmission line in a mountainous region of Peru. He prepared a report with his findings and a report rebutting the opposing expert's analysis, both in Spanish. John also provided expert testimony before an arbitration tribunal in Spanish at the Camara de Comercio de Lima (Peru).

**Mamacocha Hydroelectric Facilities, Peru**
John prepared a delay analysis for a hydroelectric facility (multiple run-of-river plants on the same river) capable of producing 80 MW. The project was delayed approximately four years. He drafted an expert report of his findings in Spanish that was presented at an ICSID arbitration.

**Tamuin Power Plants (Termoeléctrica del Golfo (TEG) I and II), Mexico**
John prepared a delay analysis on a 520-MW pet-coke power plant and a report of his findings. The plant consisted of two 260-MW facilities with circulating fluidized beds and steam turbines. The analysis was used to settle the delay dispute.

**San Lorenzo Hydroelectric Plant, Panama**
John prepared a delay analysis for a hydroelectric facility located in western Panama and an expert report in Spanish.

**La Bufa Wind Farm, Mexico**
John analyzed delays incurred during the construction of a wind farm and prepared a draft report in Spanish. The project was delayed approximately seven months. The analysis was used to settle the matter.

**University of North Carolina (UNC) Power Plant Upgrade, Chapel Hill, North Carolina, USA**
John assisted in the analysis of delays incurred during the construction upgrades to the UNC Chapel Hill power generating facility. The facilities used circulating fluidized beds and combined-cycle units. The analysis was used to negotiate a settlement on the matter.

**Syracuse Fairgrounds Cogeneration Facility, Syracuse, New York, USA**
John assisted in the analysis of delays and associated costs incurred during the construction of a cogeneration facility. The analysis was used to negotiate a settlement on the matter.

**Beaver Falls Cogeneration Facility, Beaver Falls, New York, USA**
John assisted in analyzing delays and associated costs incurred during the construction of a 95-MW cogeneration facility. The analysis was used to negotiate a settlement on the matter.

**Lamèque Wind Farm, New Brunswick, Canada**
John prepared a delay analysis quantifying the effects of weather (wind and snow) and other impacts on the construction of a 45-MW, wind-powered electrical generation facility consisting of 30 wind turbine generators and related facilities. The analysis was used to secure sufficient funds to accelerate the project's on-time completion.

**Belleville Hydroelectric Project, Belleville, West Virginia, USA**
John analyzed the contractor's delay claim on a 42-MW, bulb-nose, run-of-the-river hydroelectric generation facility and provided expert deposition testimony on the analysis. The matter was settled prior to the commencement of trial.

## PIPELINES

**Bolivia-to-Brazil Natural Gas Pipeline, Bolivia**
John prepared a delay analysis of the construction of approximately 600 kilometers of a 32-inch natural gas pipeline. The pipeline was installed from Santa Cruz, Bolivia, to the border with Brazil, a most inhospitable environment. The analysis, which involved the use of a CPM schedule and a march chart (linear schedule), was the basis of the settlement between the contractor and the owner.

## MINING

**Inmaculada Gold Mine, Ayacucho Department, Southern Peru**
John prepared a delay analysis for the construction of facilities for an underground gold mine (including earthwork, crusher, conveyors, process plant, tailings pond dam, etc.). In addition, he evaluated entitlement for multiple claim items and prepared a report in Spanish. The client used John's analysis to settle this matter.

**Conga Gold Mine, Cajamarca Region, Peru**
John prepared a baseline schedule for a $1.3B gold mine project in northern Peru. The schedule included environmental permitting, mining, construction of a concentrator and roads to the shipping port, and upgrades to the port.

**Northern Lights Oil Sands Mining Project, Edmonton, Alberta, Canada**
John prepared and maintained the owner's master schedule for this $11B oil sands project. The master schedule included sub-schedules with project financing, engineering, piping from Northern Alberta (mine area) to Calgary, environmental permitting, mining, and construction of extractor and upgrader facilities.

## FEDERAL GOVERNMENT PROJECTS

**Department of Justice, Mixed Oxide Fuel Fabrication Facility, Aiken, South Carolina, USA**
John headed the team responsible for preparing a delay analysis and evaluating the earned value management system (EVMS) on behalf of the Department of Justice. The facility's original budget was $4B, and the project was to be completed in 2016; however, as of 2016, the anticipated cost was $17.2B, and the project was expected to be completed approximately 20 years late. The team's analysis was used to settle the matter.

**Utah Data Center, Utah, USA**
John prepared a delay, inefficiency, and damages analysis for a subcontractor for impacts incurred during the construction of a $1.2B data center. He was deposed by attorneys representing three different parties on this matter. John presented his analyses at mediation, after which the matter settled.

**IRS Consolidated Computing Facility, Martinsburg, West Virginia, USA**
John prepared a delay inefficiency and cost analysis for the electrical subcontractor for impacts incurred during the construction of a computing facility. The analysis was presented in a mediation, where the matter settled.

**U.S. Department of Labor (DOL), Various Job Corps Centers, USA**
For almost 20 years, John analyzed claims on behalf of the DOL brought by contractors on various Job Corps Center projects. Some of these projects are as follows:

- **Chicago, Illinois**. John analyzed the contractor's delay claim and associated damages. Following a presentation of the analysis, the matter was settled.
- **San Diego, California**. John analyzed the contractor's delay claim and associated damages. He presented the analysis in mediation, after which the matter settled.
- **Washington, DC (Potomac Phase 1)**. John analyzed the contractor's delay claim and associated damages. He presented the analysis to the DOL and the contractor, after which the matter settled.
- **Washington, DC (Potomac Phase 4)**. John analyzed the contractor's delay claim and associated damages. He presented the analysis to the DOL, after which the matter settled.
- **San Francisco, California (Treasure Island)**. John analyzed the contractor's claim for delays/extra work and associated damages. He presented the analysis to the DOL and the contractor, after which the matter settled.
- **Memphis, Tennessee**. John analyzed the contractor's delay claim and associated damages. He presented the analysis in mediation, after which the matter settled.
- **Charleston, West Virginia**. John analyzed the contractor's claim for delay/inefficiency and associated damages incurred during the construction of a multi-building educational facility and provided deposition testimony regarding his analysis of delays, inefficiencies, and damages. He used the analysis for his expert testimony in State Court (West Virginia), where the contractor brought suit (tort) against the program manager/design team, and in mediation between the contractor and the Department of Justice. John presented the analysis during his expert testimony in the Court of Federal Claims, and later in defense of the appeal by the contractor (upheld).
- **Crystal Springs, Mississippi**. John analyzed the contractor's delay claim and associated damages. He presented the analysis in mediation, after which the matter settled.
- **Lopez, Pennsylvania**. John analyzed the contractor's delay claim and associated damages. He presented the analysis to the DOL and the contractor, after which the matter settled.
- **Hartford, Connecticut**. John analyzed the contractor's claim for delays/extra work and associated damages. He presented the analysis in mediation, after which the matter settled.
- **Edison, New Jersey**. John analyzed the contractor's claim for delays and associated damages. He presented the analysis to the DOL, after which the matter settled.

- **San Jose, California**. John analyzed the contractor's delay and inefficiency claim and associated damages. He presented the analysis to the DOL and subsequently to the Department of Justice. The matter settled before trial.
- **Sacramento, California**. John analyzed the contractor's claim for delay/extra work and associated damages. He presented the analysis to the DOL, after which the matter settled.

**Hickam Air Force Base – Clear Water Rinse and Strategic Airlift Ramp Expansion, Hawaii, USA**
John prepared a schedule analysis for a project involving the construction of an extension to a U.S. Air Force plane parking area and a rinse facility for the planes. The original construction term of this project was approximately 14 months, but it took more than 32 months to complete. He used the analysis in a mediation presentation and then to testify before the Armed Services Board of Contract Appeals.

**Nome Harbor Navigational Improvements, Nome, Alaska, USA**
John analyzed the contractor's claim for delays, inefficiency, and quantity discrepancy incurred during the construction of harbor improvements and provided deposition testimony. The improvements consisted of dredging and construction/expansion of breakwaters. The matter settled during trial.

**Renovation of the US Embassy in Sydney Australia**

John prepared delay analyses and Request for Equitable Adjustments for the renovation of the US Embassy in Sydney. The renovation of the embassy was delayed more than 2 years. The delay analysis was used by the client to settle the matter.

**Renovation of a US Embassy in the Middle East**
John prepared delay analyses and Request for Equitable Adjustments for the renovation of a US Embassy in in the Middle East. The renovation was delayed approximately 2 ½ years. Participated in a mediation. The client used the delay analysis to settle the matter.

**Renovation of US Consulate Offices, Lagos, Nigeria**
John prepared analyses of delay and damages analysis for general contractor incurred during the renovation of the consulate's facilities in Nigeria. The analysis was used to settle the matter.

**Pennsylvania Avenue Development Corporation, Washington, DC, USA**
John was the project engineer for the renovation of Pennsylvania Avenue between the White House and the Capitol Building. His responsibilities included design review, change order/claim processing, scheduling, on-site supervision, and requisition processing.

**Watts Bar Nuclear Plant – Security System Upgrades, Spring City, Tennessee, USA**
John assisted in preparing a delay analysis for the general contractor regarding delays incurred during the upgrade of the security system at a nuclear power plant. The analysis was used for settlement purposes.

## BUIILDINGS – HOTELS, OFFICES, RESIDENTAIL AND MIXED USE FACILITIES

**Chinese Embassy – Staff Residences, Washington, DC, USA**
John analyzed the electrical subcontractor's claims against the general contractor (China Construction America) for the construction of residences for staff of the Chinese Embassy. He evaluated delays, inefficiencies, and damages and presented his analysis in testimony before an arbitrator.

**One Magnificent Mile Office Complex, Chicago, Illinois, USA**
John assisted in the preparation of a delay analysis for impacts associated with water infiltration at the curtain wall. The analysis was used for settlement purposes.

**Holiday Inn Sunspree Resort, Wrightsville Beach, North Carolina, USA**
John prepared a delay analysis and calculated the damages related to the construction of a resort hotel for the owner. The delay analysis was used by the client to negotiate a settlement with the contractor.

**New Seaboard Regional Office Complex, Fredrick, Maryland, USA**
John prepared a delay analysis for the masonry subcontractor to quantify delays incurred during the construction of the office complex. The analysis was used for settlement purposes.

**St. Petersburg Times Building, St. Petersburg, Florida, USA**
John assisted in preparing a delay analysis for the owner regarding delays incurred during the construction of an office building. The analysis was used to negotiate a settlement.

**Mechanical Contractor, UPS Corporate Headquarters, Atlanta, Georgia, USA**
John prepared a delay analysis for the mechanical contractor regarding delays incurred during the construction of the UPS corporate headquarters building. The analysis was used for settlement purposes.

**Park Center Apartments, Alexandria, Virginia, USA**
John prepared a delay analysis and evaluated the status of construction at termination on behalf of the terminated subcontractor. He also testified as an expert before a tribunal of arbitrators.

**Bennett Park Apartments, Arlington, Virginia, USA**
John provided a monthly schedule evaluation on behalf of the owner and a contemporaneous evaluation of time extension requests and extra work issues. The contracting parties resolved all disputes, including time extensions.

**Washington Center II Mixed-Use Complex, Washington, DC, USA**
John prepared a delay analysis for the general contractor regarding delays incurred during the construction of the mixed-use complex. The analysis was used for settlement purposes.

**Torpedo Factory Conversion to Multi-Use Complex, Alexandria, Virginia, USA**
John was the senior project engineer for the conversion of a torpedo factory into a multi-use complex with offices, condominiums, and a parking garage. His responsibilities included preparing and monitoring schedules, processing change orders/claims and requests for information (RFIs), and coordinating work.

**German Embassy Renovation, Washington, DC, USA**
John provided a monthly schedule evaluation on behalf of the owner and a contemporaneous evaluation of time extension requests. The owner was also provided with contemporaneous reports substantiating the contractor's attempts to shift blame for project delays. John's time extension evaluations were used to settle delay claims

**Ford Scientific Research Laboratory – High Bay Addition, Dearborn, Michigan, USA**
John prepared a delay analysis for the general contractor for delays incurred during the addition of a bay at a scientific laboratory. The analysis was used for settlement purposes.

**Mosaic Apartments at Hyattsville Metro Station, Hyattsville, Maryland, USA**
John prepared a delay analysis for the owner regarding delays incurred during the construction of an apartment complex. The analysis was used for settlement purposes.

**Sandestin Condominiums, Destin, Florida, USA**
John prepared a delay analysis for the general contractor regarding delays incurred during the construction of condominiums. The analysis was used for settlement purposes.

**Prudential Realty, Willow Oaks Corporate Center, Fairfax, Virginia, USA**
John provided on-site owner's representative services for Prudential Realty during the construction of an eight-story office building and parking structure. The project included high-end finishes to house Mobil's corporate staff. The project was delivered on time and under budget.

**Gilbane Building Company – Mid-Atlantic Division, Interior Construction Projects, USA**
John managed multiple high-end interior construction projects simultaneously for Gilbane Building Company. His projects included offices for Arnold & Porter in Washington, DC, and overseas sales offices for All Nippon Airways in Washington, DC.

## EDUCATION

**Brookview Elementary School, Montgomery County, Maryland, USA**
John prepared a delay analysis for the design consultant regarding delays incurred during the construction of an elementary school. The analysis was used for settlement purposes.

**Leeland Elementary School, Stafford County, Virginia, USA, USA**
John assisted in preparing a delay analysis for the contractor regarding delays incurred during the construction of an elementary school. The analysis was used at trial.

**Wor-Wic Community College, Salisbury, Maryland, USA, USA**
John prepared a delay analysis for the general contractor regarding delays incurred during the construction of an administration/academic building at the university. The analysis was used for settlement purposes.

**Millersville University, Millersville, Pennsylvania, USA**
John assisted in preparing a delay analysis for the owner regarding delays incurred during the construction of a university dormitory. The analysis was used at trial.

**Penn State Athletic Convocation and Events Center, University Park, Pennsylvania, USA**
John prepared a delay analysis for the geotechnical consultant regarding delays incurred during the construction of the university athletic facility. The analysis was used for settlement purposes.

**The Pennsylvania State University (PSU), PSU Chemistry Building, University Park, Pennsylvania,**
John assisted in preparing a delay analysis for the state regarding delays incurred during the construction of the university's chemistry building. The analysis was used at trial.

**St. Mary's College of Maryland – New Academic Building, St. Mary's City, Maryland, USA**
John prepared a delay analysis for the general contractor regarding delays incurred during the construction of an academic building at the university. The analysis was used for settlement purposes.

## HEALTHCARE

**University of North Carolina, UNC Neuropsychiatric Hospital, Raleigh, North Carolina, USA**
John analyzed delays related to the construction of a 10-story neuropsychiatric hospital under North Carolina's multi-prime delivery system. When the general building trades prime contractor was sued by the mechanical prime for delays and inefficiencies, he evaluated the delays and presented his findings in a report. John also provided deposition testimony of the analysis and then presented the analysis as an expert in state court (North Carolina).

**National Institutes of Health (NIH), NIH Ambulatory Care Research Facility Addition, Bethesda, Maryland, USA**
John supervised the structural and mechanical trades during the construction of a 13-story addition to the NIH hospital.

**Naval Medical Center Portsmouth Expansion, Portsmouth Virginia, USA**
John prepared an analysis of delay for the general contractor for delays incurred during the construction of a major expansion to the Navy's first and oldest continuously operating hospital. The analysis was presented in mediation, where the matter settled.

## SPORTS AND ENTERTAINMENT

**Yard Goats Baseball Park, Hartford, Connecticut, USA**
John prepared a schedule analysis of delays incurred during the construction of a $55M minor league baseball stadium and a report of his findings. He was deposed and provided expert witness testimony in the State Court of Connecticut.

**Astros Stadium (Minute Maid Field), Houston, Texas, USA**
John analyzed the cumulative impact of multiple RFIs and changes to the construction schedule of a stadium for the general contractor. The analysis was used by the client to negotiate a settlement.
John also prepared a delay analysis to defend the general contractor in a claim from a subcontractor (retractable roof). He also provided deposition testimony and testified before the State Court of Texas to qualify as an expert on this matter.

**The John F. Kennedy Center for the Performing Arts, Washington, DC, USA**
John assisted the general contractor in refining its schedule for a highly complex concrete structure that included “monumental” features. He also performed a preliminary evaluation of a subcontractor claim that was later settled.

**Theater for the Performing Arts Renovation, Miami Beach, Florida, USA**
John performed a quantity take-off of various items as part of a delay analysis for the general contractor regarding delays incurred during the theater renovation. The analysis was used for settlement purposes.

**Steel Fabricator/Erector, Ravens Stadium, Baltimore, Maryland, USA**
John prepared a delay and inefficiency analysis for the steel fabricator/erector on the construction of the National Football League franchise stadium. The analysis was used to negotiate a settlement.

**Roxboro Entertainment Center, Roxboro, North Carolina, USA**
John prepared a delay analysis for the general contractor for delays incurred during the construction of an entertainment center. The analysis was used for settlement purposes.

## WATER & WASTEWATER

**Upper Occoquan Sewerage Authority, Sewage Treatment Plant Expansion, Centreville, Virginia, USA**
John led a team in preparing a delay analysis and provided litigation support for the expansion of an existing sewage treatment facility to increase capacity from 36 to 54 MGD. The project included the addition of a state-of-the-art facility to provide water sufficiently clean to discharge into public streams. More than 50 new structures were constructed to complete the project. The claim was for more than $60M in damages for four years of delay.

**Abingdon Water Treatment Facility, Abingdon, Maryland, USA**
John assisted in the preparation of a schedule analysis for the contractor responsible for the expansion of the treatment facility from 10 MGD to 20 MGD. The analysis was presented to the owner and used as a basis for the settlement of the project delay issues.

**Indian Run Water Treatment Plant, Pottsville, Pennsylvania, USA**
John analyzed delays and associated costs incurred during the construction of a water treatment facility on behalf of the general building trades prime contractor. The analysis was used to negotiate a settlement on the matter.

**Blue Plains Advanced Water Treatment Plant Expansion, Washington, DC, USA**
John evaluated a delay claim from a contractor working on the expansion of an advanced water treatment facility. The construction manager (client) used the evaluation to reach a settlement with the contractor.

**Northeast Boundary Swirl Facility, Washington, DC, USA**
John assisted in analyzing delays and associated costs incurred during the construction of a combined sewer overflow treatment facility. The analysis was used to negotiate a settlement on the matter.

**Membrane Softening Water Treatment Facility, Cooper City, Florida, USA**
John analyzed delays incurred during the construction of a reverse osmosis water treatment facility. The analysis was used to negotiate a settlement on the matter.

**Mattabassett Water Treatment Facility, New Britain, Connecticut, USA**
John assisted in analyzing delays and associated costs incurred during the construction of a secondary wastewater treatment facility. The analysis was used to negotiate a settlement on the matter.

**Passaic Valley Sewerage Facility, Port Newark, New Jersey, USA**
John prepared a delay analysis and report on behalf of the general contractor responsible for upgrading a sewage facility. The analysis was used to negotiate a settlement on the matter.

**Annapolis Water Reclamation Facility – Biological Nutrient Removal, Annapolis, Maryland, USA**
John prepared a delay, inefficiency, and damages analysis and report on behalf of the general contractor responsible for upgrading a water reclamation facility. The analysis was used to negotiate a settlement on the matter.

## PRESENTATIONS & SPEAKING ENGAGEMENTS

Lorman Educational Services, *2005–present*

"**Construction Claims**"

"**Tricks, Traps & Plays Used in Construction Scheduling**"

"**How Design Documents Can Prevent or Cause Construction Claims**"

"**Fundamentals of Construction Contracts**"

## LANGUAGES

English (native)
Spanish (fluent)