



**Exponent®**  
Engineering & Scientific Consulting

**Pirouz Bozorgnia, P.E., PSP, PMP, CCM, CRMP**

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## Professional Profile

Pirouz Bozorgnia has over 16 years of capital project advisory, dispute resolution, project controls, and construction management experience. He has advised public and private sector clients on a wide range of mega-size projects throughout the United States and Canada. His experience includes advising a public sector owner on setting up and executing a PMO analytics group on an \$11B transit program, providing claims mitigation, risk, and change management advisory to a major airline on over \$5B of airport development programs, and leading the schedule delay analysis of a \$1B claim related to a Central Processing Facility. Pirouz's industry background in designing and managing construction projects, mixed with his focus on data analytics and strategic advisory, has enabled him to devise effective plans with technical and non-technical stakeholders.

## Academic Credentials & Professional Honors

M.B.A., Business, University of Southern California, 2017

M.S., Construction Engineering, University of Southern California, 2008

B.S., Civil Engineering, California State University, Northridge, 2007

## Licenses and Certifications

Professional Engineer Civil, California, #77373

Professional Engineer Civil, New Jersey, #24GE06275300

Planning and Scheduling Professional (PSP)

Certified Construction Manager (CCM)

Project Management Professional (PMP)

## Prior Experience

Managing Director, Ankura, 2017-2023

Associate Civil Engineer, Los Angeles County Department of Public Work, 2007-2017

## Professional Affiliations

President (2018-Present), AACE Metro New York Section

Mentor (2021-2022), ACE Mentor Program of Greater New York

Construction Management Association of America – Member

American Society of Civil Engineers – Member

American Bar Association – Construction Forum Committee Member

## Publications

Bozorgnia P, Odeh I, Chen W. Managing the Master Schedule for Multi-Prime Contracts. 2023 AACE International Conference; PS-3990

## Project Experience

### **Capital Projects Advisory**

**Major Terminal Upgrade at John F. Kennedy Airport, New York, NY (2021 – 2023)** - Mr. Bozorgnia managed a team of 5 consultants in providing change order management, schedule, risk, and claims mitigation advisory on this \$1.5 Billion airport terminal upgrade program. The program will consolidate domestic and international operations into one modern terminal by adding 150,000 square feet with ten new gates, expanding the arrivals and departures area, modernizing security and baggage operations, and completing civil and signage work.

**Major New Terminal at LaGuardia Airport, New York, NY (2020 – 2021)** - Mr. Bozorgnia led risk and schedule advisory services on this \$3.9 Billion airfield reconfiguration program. The program consisted of demolition of the existing terminal facilities, and the design and construction of 1.2M SF of new terminal facilities, including a headhouse, four concourses and a curbside building.

**East Side Access Program, New York, NY (2019 – 2020)** - This \$11B major transit program was New York MTA's largest program and included a new 350,000 square foot passenger concourse, eight tracks, facilities for ventilating the tunnels and concourse and powering trains, as well as reconfiguring a complex network of switches and tracks. Mr. Bozorgnia advised the client in setting up a PMO analytics group, co-developed the Master Integrated Schedule for this program, conducted numerous Time-Impact Analysis (TIA) on existing and potential upcoming change orders, prepared weekly heat maps on outstanding issues to assist the client in prioritizing work and negotiating with key contractors. to improve progress tracking and resource allocation.

### **Construction Dispute Advisory**

**Central Processing Facility, Alberta, Canada (2018 – 2019)** - This \$1B project included a 60,000 barrels per day oil extraction and processing facility consisting of utility systems, water treatment, oil treatment, water de-oiling facilities, and an array of once-through steam generators, pipelines, and pipe rack modules. Mr. Bozorgnia provided schedule delay analysis by preparing a comprehensive database of project issues, analyzing progress, and conducting forensic schedule analysis in identifying delay events related to the steam-assisted gravity drainage processing facility's design, procurement, and

construction. Mr. Bozorgnia also assisted in drafting an expert report related to the project's schedule and performance delays.

### **Pre-Construction Project Management**

**Los Angeles County Enhanced Watershed Management Program, California (2016 – 2017)** - Mr. Bozorgnia managed the pre-construction phase of \$40M of Design-Bid-Build (DBB) and Job Order Contracts (JOC) under this program, which included infiltration galleries, monitoring equipment, and various infrastructure upgrades. Mr. Bozorgnia developed baseline schedules, estimated project costs, coordinated environmental approval and design issues, and obtained Board approval for the project design, construction, permitting, and project management costs.

### **Construction Management (Office Engineer and Field Resident Engineer)**

**Various Bridge, Roadway and Infrastructure Projects (2009 – 2014)** – Mr. Bozorgnia was the Office Engineer, and Resident Engineer on various bridge, roadway, traffic signal and flood control construction projects. Mr. Bozorgnia reviewed contractor bid packages and submittals, drafted correspondences, managed inspections, reviewed payment applications and finalized close-out documents on over 40 Design-Bid-Build (DBB) and Job Order Contract (JOC) infrastructure projects.