

**Winnie Hung, P.E., LEED AP  
Manager**

**Professional Profile**

Ms. Winnie Hung is a Manager in Exponent's Construction Consulting practice. Ms. Hung has experience in many phases of construction projects, including pre-construction planning, construction project management and controls, commissioning and closeout, and final prime contract and subcontract negotiations. She has participated in the preparation of issue, delay, and cost analyses for different types of construction claims. Ms. Hung has developed a detailed as-built schedule and database, and analyzed as-built critical paths to determine entitlement and allocate delays. She has evaluated claims for both contractors and designers, and also participated in various dispute resolution forums such as mediations and dispute-related project meetings with opposing parties and experts in attendance.

Prior to joining Exponent, Ms. Hung worked as an Assistant Project Manager with Swinerton Builders, a large general contractor based in California. The construction projects that she was involved with included post-tensioned reinforced concrete high-rise hotels and apartment buildings, composite structural steel and concrete underground garages and above-grade office complexes, a seismically retrofitted retail store, and historical mixed-use masonry structures.

**Academic Credentials and Professional Honors**

M.S., Civil Engineering, Construction Engineering and Management, Stanford University, 1998  
B.S., Civil Engineering, Stanford University, 1997

**Licenses and Certifications**

Registered Professional Civil Engineer, California, #C64456

U.S. Green Building Council, Leadership in Energy and Environmental Design Accredited Professional, LEED AP, 2009

## **Presentations**

Ritti J, Hung W. Schedule clauses in construction contracts and technological advances in scheduling. University of California Berkeley, March 2008.

## **Prior Experience**

Assistant Project Manager, Swinerton Builders, 1998–2007

## **Selected Relevant Projects**

### ***Heavy Industry***

**Wastewater Treatment Plant**—Analyzed a general contractor’s delay claim on behalf of the design engineer on a \$104 million wastewater treatment plant in Phoenix, Arizona. Developed a detailed daily-specific as-built schedule and database, and evaluated critical project delays and their causes. Analyzed contractor’s cost overruns and procurement/buyout process, and determined project status at termination.

**Petrochemical Facility**—Provided project advisory services to an energy company in managing a conversion program of eight terminals to handle ethanol-blended products. Assisted with plan development, risk identification and development of risk mitigation plans. Established and facilitated implementation of a reporting process among internal and external project stakeholders. Performed schedule updates and comparative schedule analyses, and reported on schedule statuses.

**Pipeline**—Performed CPM schedule analysis and productivity analysis on behalf of a contractor for a delay and cost overrun claim on the construction of a 13,000 l.f.-long, large-diameter water pipeline in San Francisco, CA. Evaluation included the development of a daily as-built production schedule, and quantification and allocation of critical delays through schedule and issue analyses.

**Oil Platform**—Developed an as-built project database to capture and report key project events for a delay and cost overrun claim on behalf of a subcontractor on a on an engineering, procurement, construction/fabrication, and installation contract. The project consists of a floating production, storage and offloading vessel (FPSO) and a floating, storage and offloading vessel (FSO) fabricated in Malaysia and Singapore that are located off the coast of Brazil.

### ***Institutional***

**Residential/Mixed-Use**—Assisted the general contractor in the preparation of a delay claim on a \$90 million, four-building university housing complex in San Francisco, CA. Prepared issue analyses and identified and quantified claim costs. Participated in multiple mediation sessions and meetings with mediator, opposing party, insurance companies, design consultants, and architectural experts in attendance.

Casino Hotel—Analyzed a \$5 million delay and disruption claim submitted by a concrete subcontractor on behalf of the general contractor on a large casino hotel in Las Vegas, NV. Performed damages analysis and detailed change order evaluation.

Residential—Performed CPM schedule analysis and productivity analysis of subcontractor scopes on behalf of the general contractor on the construction of a \$190M high rise condominium tower in San Francisco, CA.

Performing Arts—Analyzed and defended against the owner and contractor's \$90+ million design errors and omissions claim on behalf of the Architect / Engineer, led by an internationally renowned designer. The project is a new 250,000 s.f. premier performing arts facility located in Southern California. Provided assistance with deposition preparation and performed detailed change order review and allocation in determination of damages values.

### **Languages**

Chinese (Cantonese)

### **Professional Affiliations**

- American Society of Civil Engineers (member)
- Construction Institute (member)