

## Professional Experience

### **Senior Engineer- Construction – Caltrans Headquarters      May, 2019 to present**

- Administering the Alternative Dispute Resolution (ADR) program for Construction, and established statewide policies, standards, and practices.
- In charge of members training and RE Academy training. Prepare Statewide Policy and Procedures.
- Managed a three years consulting contract for Division of Construction and ensure all task orders are completed with scope, time and budget
- Revised and edited the Construction Quality Assurance Program Manual and Developed measures to improve Construction Quality Performances.
- Review new and revised specifications proposed by other Caltrans units to ensure that construction quality control and department acceptance are well defined.

### **Senior Engineer- Design – Caltrans Headquarters      Dec.,2018 to May, 2019**

- Coordinated with Headquarters Divisions; Districts; and local, regional, state and federal agencies to resolve complex policy issues.
- Mediated between Independent Cost Estimators, prime contractors and district representatives to reach an agreement on contract bid prices for Design-Built contracts.
- Provided advice, assistance and recommendations to upper level management on the establishment and implementation of new and innovative statewide policies, standards, procedures, and guidelines.
- Analyzed information and developed reports to the legislature on innovative contracting methods.
- Prepared special reports, correspondence, bill analyses, issue papers and briefing reports for the public, Legislature, FHWA and departmental management.

### **Senior Engineer- Construction – Caltrans Headquarters      Jan., 2015 to Dec., 2018**

- Developed, implemented and managed the Office of Safety, Insurance and Special Projects Business Plan.
- Provided expertise as well as evaluated, recommended, and developed business practices to incorporate innovative solutions and new technologies and trainings.
- Provided support to all levels of Caltrans staff. Sponsor and participate on teams that develop innovative solutions to challenging construction matters.
- Made recommendations on the course of action and provide oral and written presentations to Caltrans managers. Provide support to all levels of Caltrans staff involved in assigned tasks

**Senior Engineer- Encroachment Permits - Caltrans March, 2008 to Jan., 2015**

- Updated, revised the Encroachment Permit Manual to reflect current permit construction policies.
- Developed and implemented performance measures for the statewide permit functions
- Researched, designed, & facilitated training for permit engineers, writers and field inspectors.
- Reviewed and processed permit applications for construction activities within the State right-of-way to ensure conformance with Caltrans current design and construction standards and specifications.
- Served as a single point of contact and project manager for high profile and sensitive permit projects.

**Construction Resident Engineer- Caltrans Nov., 1997 to March, 2008**

- Responsible for planning, directing and coordinating over 50 highway construction projects.
- Ensure that assigned projects are completed within scope, cost, schedule, budgeted resources, departmental standards and practices.
- Initiate and process contract change orders, prepare comprehensive field reports and other miscellaneous correspondences and prepare progress and final pay estimates.
- Prepare and review contract claims report. Work with contractors to resolve issues at the lowest level.

**Construction Resident Engineer- Al Othman Construction Co., Kuwait 1984-1989**

- Negotiated and evaluated contracts for suppliers and subcontractors. Identified and integrated human, financial and equipment resources necessary for various projects.
- Calculate units completed in terms of work performed for payments and billing records to ensure appropriate data collection and payments.
- Ensure that appropriate materials and supplies as called for in project specifications and provisions are used by contractors in completing project work.

**Education**

Masters of Business Administration (MBA), University of St. Thomas, TX. 1991

Bachelor of Science, Civil Engineering, Cairo University, Egypt. 1982

**License and Certificate**

California Professional Civil Engineer, # C61989

Project Management Professional PMP #467409

Caltrans-Management Training Program (MTP)