



## ROBERT W. RAMSDELL, PE CONSTRUCTION ENGINEER/MANAGER

Bob Ramsdell has been in the engineering and construction industry since 1968. He has broad-based experience in the administration and management of major construction projects. His expertise includes contract administration, quality assurance/field engineering, claims evaluation/analysis, preparation of pre-award construction contract documents, processing contract change orders and administration of construction schedules.

### EDUCATION

Bachelor of Science – Civil Engineering,  
University of Michigan, Ann Arbor, MI

### PROFESSIONAL ENGINEERING REGISTRATIONS

- Arizona – 39888
- Colorado – 12891

- **Senior Contract Administrator, Valley Metro Light Rail Project, Phoenix, Arizona.** Senior Contract Administrator for this \$300 million project. Responsibilities included pre-award procurement functions on assigned projects including Line Sections 2 and 3, Tempe Town Lake Bridge, Light Rail Vehicles and Station Finishes; developing bid documents and coordinated with designers, risk management and legal counsel for the preparation of contract plans, specifications and related bid documents in conformance with City, State and Federal statutes; acted as procurement lead to issue bid documents, prepare addenda to bid documents, conduct bid readiness evaluations, pre-bid conferences and bid openings; evaluated bids to determine lowest responsive and responsible bidder; prepared Board recommendations, contract award and notice to proceed documents; performed the full range of post award contract administration functions for METRO's Contracts & Procurement Section within the Legal Services Division. These responsibilities include coordination and over site of contract administration activities of three Resident Engineer Offices on change orders, progress payments and claims evaluation associated with on-going civil construction contracts.
- **Resident Engineer, Valley Metro Rail 48<sup>th</sup> St. Bridge Replacement, Phoenix, Arizona.** Resident Engineer for the \$3 million 48<sup>th</sup> Street bridge replacement project, the inaugural light rail project. Responsibilities included specialized on-site expertise in contract administration including interpretation of plans and specifications; estimating; negotiating and finalizing contract changes; preparation of field level design changes to contract documents; technical acceptance/rejection of shop drawings, material selection and related contract submittals, holding weekly construction meetings; evaluation and coordination of progress schedules; preparation of monthly pay estimates; responding to contractor inquiries for information and clarification; analysis of contractor claims.
- **Construction Manager/Engineer, Verrado Development, Buckeye, Arizona.** Performing on-site construction engineering for the Lost Creek Wash Bridge, Lost Creek crossings, golf cart crossings, Indian School over Tuthill Crossing and the Verrado Way over Bulldozer Wash structures. Responsibilities included special structural inspections, review of contractor's shop drawings, responding to contractor RFI's, attending weekly construction meetings, structural liaison between owner and contractors and extensive coordination with structural, civil and electrical designers and contractors.
- **Chief, Office Engineering Branch (Supervisory Civil Engineer), \$430-million Safety of Dams Program, Roosevelt Dam.** Responsibilities included on-site contract administration expertise and engineering support on complex construction contracts to raise a 280-ft masonry dam 77-ft and overlay it with concrete, construct new spillways, perform a lake tap and tunnel diversion and outlet works, upgrade existing powerhouse and turbine, realign highways, and administer various relocation and mitigation projects; supervised a staff of engineers and technicians to gather design data and prepare design changes to contract plans and specifications; prepare cost estimates for design changes; coordinate over 700 contract change orders; evaluated and establish government position on contractor claims; performed technical review of shop drawings, lift drawings, material selections and related contract submittals; analyzed and coordinated progress schedules; monthly progress payments; liaison to the ADOT on State Route 88 and 188 outages and realignment, including extensive replacement of existing masonry support structures with mass concrete on historic Apache Trail in the vicinity of Roosevelt Dam; coordinated with designers, contractors, and state, municipal and federal agencies.