



Transportation Engineer

Salary Range: Associate Engineer—\$70,486 to \$109,254 per year
Senior Engineer \$89,960 to \$139,498 per year

First Review of Applications: November 13, 2020 – opened until filled

Expected Start Date: December 2020

Role

The Transportation Engineer provides technical guidance, project, and construction management for capital project delivery including design, construction, and quality management. This position will support construction projects and will coordinate various activities to ensure the delivery of quality construction of SANDAG capital projects.

Overview of Capital Development Program

The SANDAG Engineering and Construction Department is responsible for implementing projects that enhance the regional transportation network and improve the efficiency of existing resources in close collaboration with our regional partners. Examples of significant projects currently underway or in the planning process include the Mid-Coast Trolley Extension, South Bay Bus Rapid Transit, Otay Mesa East Port of Entry, LOSSAN Rail Corridor Improvements, and high-priority Regional Bikeway Projects in the City of San Diego and other jurisdictions.

Job Responsibilities

- Provide technical support and construction engineering expertise for projects in the conceptual, planning, and design phases; review pre-construction submittals, requests for information, studies, reports, and estimates; conduct analyses of budgets, expenditures, and schedules; coordinate consultant services; verification of compliance with construction related environmental requirements.
- Coordinate the preparation of constructability reviews for projects in design; support internal and consultant construction quality assurance and control processes.
- Facilitate project construction by fostering and establishing collaborative relationships with key internal and external customers, partners and stakeholders such as local jurisdictions, transit operators (MTS and NCTD), Caltrans, and local community planning and interest groups.
- Participate in the preparation of construction bid-solicitation documents such as RFPs and IFBs; support the preparation or verification of high-quality, bid-ready documents such as plans, specifications, drawings, reports, calculations, and environmental permitting; develop scopes of work, cost estimates, budgets, and schedules.
- Review technical proposals, bids, and other submittal documents for transit/transportation systems; evaluate competitive project proposals and make recommendations for consultant or contractor selection.
- Participate in the preparation of contracts and task orders for consultants and contractors; support and administer contracts with consultants for the delivery and quality assurance of engineering products; ensure projects are completed in adherence to funding agency requirements; prepare and deliver regular project status reports; coordinate the analysis and approvals required for budget and/or schedule changes; communicate changes with other departments and agencies.
- Coordinate construction activities with multiple consultants, contractors, sub-contractors, and local agencies; develop, monitor, and communicate critical timelines through detailed schedules and work plans; ensure projects progress and are delivered on schedule, within the approved budget, and meet criteria and specification requirements.
- Support the administration and implementation of construction contracts for one or more projects including staffing, documentation, measurement and payment, processing design and field changes, preparation and approval of construction change orders and resolution of contract disputes and claims.

