
Position Details**Classification:**
Principal Transportation Engineer**Office/Branch:**
Construction**Working Title:**
Construction Quality Principal Manager**Location:**
Fresno**Position Number:**
311-635-3152-009**HR Approval Date/Initials:**
6/3/26, SA**CBID/Bargaining
Unit:** M09**Work Week
Group:** E**Tenure:**
Permanent**Time Base:**
Full-time**Job Description Summary**

Under the general direction of the California High-Speed Rail Authority's (Authority) Director of Civil Infrastructure Delivery, the Principal Transportation Engineer (Construction Quality Principal Manager) is responsible for construction quality of the Construction Packages (CP's) for the high-speed rail (HSR) to guarantee a quality facility is constructed pursuant to the Authority's Design Criteria Manual, CP's specifications, and best industry practice. The incumbent directs a team of Construction Inspection Quality Supervisors and their respective oversight teams, and consultants working on the HSR program. The incumbent serves as a point of contact on construction and design related matters to complete design and construction of CP's contracts in accordance with all contract requirements, state laws and regulations, and the Authority's Project and Construction Management Manual.

Duties

Percentage

Essential (E)/Marginal (M)

- 30% (E)
- Reviews construction related non-conformance reports along with supporting documentation, ensuring compliance and consistency with Authority policies and procedures.
 - Provides high-level analysis of highly technical and/or sensitive construction non-conformance reports and construction quality issues.
 - Responsible for the direction and oversight of professional services, design and construction contracts for the program; assures the program is constructed in conformance with all applicable laws (State, Federal and Railway), contracts,

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specifications, and plans by providing leadership and professional expertise.

- Collaborates with Design and Construction Managers, Project Managers, Functional Managers, and Task Managers to ensure scope, schedule, cost, and quality of assigned construction projects are up to par with the Authority's established guidelines.
- Serves as a high-level technical expert for the program and directs the work of the construction management staff.

30% (E)

- Provides high-level technical expertise on construction quality non-conformance reports and ensures that they are mitigated in an efficient and prompt timeframe.
- Develops recommendations and strategies for construction quality non-conformance resolution.
- Works cooperatively with all Project Construction Managers, Consultants, all Senior Contract Managers across all CPs, representing the Authority at construction quality issue resolution meetings.
- Represents the Authority with local and State agencies related to the Design and Construction phase of the project; in coordination with Authority Executives, the incumbent further represents the Authority to outside agencies (cities, counties, other state agencies) to clarify construction-related issues.

20% (E)

- Collaborates with all levels of Authority staff in the Construction Office ensuring continuous improvement processes for construction contracts and manages the lessons learned program.
- Evaluates process compliance and directs the development of policy changes.
- Develops and delivers workshops and training to Authority staff related to process improvements for construction contract management and administration.
- Advises and makes recommendations to the Chief of Construction and the Director of Civil Infrastructure Delivery on highly sensitive and critical construction issues.
- Confers and collaborates with Authority executives, determines objectives, workload projections, resource allocations, and budget redirection.
- Fosters an environment of teamwork and collaboration by having an open and diverse work environment.
- Handles difficult technical and administrative matters relating to the design and construction of the entire Infrastructure delivery program.

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- 15% (E)
 - Manages the development and maintenance of Construction Office policies, procedures, and guidance to support the consistent management and administration of disputes, claims, and change orders.
 - Researches and develops best value solutions and implements appropriate cost reductions for the project.
 - Assigns work and priorities, monitors progress, adjusts priorities, redistributes workload, and secures extensions as needed to meet established deadlines.
 - Selects and hires staff and identifies training needs.
 - Prepares and delivers probationary and annual performance evaluation reports; identifies, addresses and resolves employee performance issues; and takes proper employee disciplinary action.
 - Identifies tools necessary for staff to perform work efficiently.
 - Approves staff timesheets, leave requests, and work schedules based on business needs.
 - Provides supervision, support, and guidance to staff consistent with policies and ensures uniform interpretation and implementation of laws, rules, regulations, policies, and procedures.
 - Frequently travel to visit construction sites in the Central Valley and to report to executive management in Sacramento. This position frequently travels statewide as required to support meetings, events, or site visits.

- 5% (M)
 - Performs other job-related duties as required.

Special Requirements

The checked boxes below indicate any additional requirements of this position.

License Required Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Type: Engineering	Conflict of Interest (COI) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Bilingual Required Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Language:	Contract Manager Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Medical Required Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Other Special Requirements Information:

License – Possession of a valid certificate of registration as a civil, electrical, or mechanical engineer issued by the California State Board of Registration for Professional Engineers..

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Conflict of Interest – This position is designated under the Conflict-of-Interest Code. The position is responsible for making, or participating in the making, of governmental decisions that may potentially have a material effect on personal financial interests. The employee is required to complete form 700 within 30 days of assuming employment. Failure to comply with the Conflict-of-Interest Code requirements may result in disciplinary action.

Contract Manager – Ensures that assigned contracts and agreements are administered and managed in accordance with the applicable policies and procedures of the Authority, the State Contracting Manual (SCM) and the California Government Code (GC).

Knowledge and Abilities

Knowledge of: Transportation economics and financing; various phases of transportation systems planning and engineering work; factors which influence the impact of transportation facilities on the environment, the community, and the economy; State and Federal laws regulating the activities of the Department; principles and techniques of personnel management and supervision; the Department's equal employment opportunity and labor relations objectives; a manager's role in safety, health, equal employment opportunity, and labor relations and the processes available to meet these program objectives..

Ability to: Administer an engineering program; plan and direct the work of a large engineering staff; analyze situations accurately and take effective action; address an audience effectively; present comprehensive reports and prepare correspondence; communicate effectively; effectively contribute to the Department's safety, health, equal employment opportunity, and labor relations objectives.

Desirable Qualifications

- Ability to communicate effectively both orally and in writing with all levels of Authority management and employees, external groups, and local governments.
- Ability to exercise a high degree of initiative, flexibility, judgment, and confidentiality.
- Ability to operate independently, but with the judgment to know when to ask for assistance and guidance from a supervisor or colleague.
- Ability to represent the Authority in dealings with other government agencies and private entities in a way that reflects well on the Authority.
- Experience in planning and directing the work of others.
- Knowledge of the Authority organization.
- Experience in preparing technical correspondence and completing comprehensive reports and making effective presentations.
- Exercise good judgment and calm professionalism in all situations.

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- Experience with project management concepts, design, construction, and financial constraints.
- Experience managing and directing the resolution of non-conformance reports along with supporting documentation.
- Experience with contract administration and management of the performance of contractors.
- Experience negotiating contract terms and conditions with contractors.
- Experience serving as a representative dealing w/various stakeholders to establish relationships and resolve or address problems/issues related to transportation projects.
- Experience managing, coordinating and leading the work activities of an integrated team comprised of private and public agency staff.
- Construction management experience in administering large construction contracts and managing construction programs.
- Experience with contract administration or oversight of innovative construction techniques and materials.

Supervision Exercised Over Others

This position supervises staff consisting of Supervising Transportation Engineers, Senior Transportation Engineers, Transportation Engineers, and oversees the work of consultants.

Public and Internal Contacts

The incumbent will have regular contact with various levels of staff at the Authority, consultants, vendors, contractors, staff at other state agencies, and the public. Employees must handle all situations and communications tactfully and respectfully to support the Authority's mission.

Responsibility for Decisions and Consequence of Error

The incumbent is responsible for a program or function and is expected to carry out necessary activities without direction, except as new or unusual circumstances require. The incumbent is responsible for the timely and efficient delivery and completion of projects and services that provide maximum benefits to the traveling public and in accordance with federal, state, and local mandates. Consideration of all input and pertinent factors is crucial to reaching conclusions and taking appropriate actions. Failure to meet the delivery and budget commitments, as prescribed by federal, state, and local agencies, could result in loss of funding and damage to the Authority's credibility. It could further lead to conditions that endanger the traveling public and increase liability against the Authority. Errors in judgment or failure to carry out the responsibilities of this position could place the Authority in violation of state and federal requirements, which could negatively impact on the Authority and the infrastructure of the high-speed rail system. The incumbent must exercise good judgment and make effective decisions to fulfill the position's responsibilities.

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Physical and Environmental Demands

While working on-site, the incumbent works in a professional office environment, in a climate-controlled area which may fluctuate in temperature and is under artificial light. The incumbent will be required to use a computer, mouse, and keyboard, and will be required to sit for long periods of time at a computer screen. Employee must be able to focus for long periods of time, multi-task, adapt to changes in priorities, and complete tasks or projects with short notice. Employee must develop and maintain cooperative working relationships and display professionalism and respect for others in all contact opportunities. The incumbent frequently works outdoors at construction sites and may be exposed to dirt, noise, uneven surfaces, inclement weather, and extreme heat or cold.

Working Conditions and Requirements

- a. Schedule: A set schedule of Monday-Friday, 8:00am-5:00pm is required for this position.
- b. Telework: Part-time telework is available for this position for California residents based on the requirements of the position.
- c. Travel: This position frequently travels statewide as required for meetings, events, and/or site visits. This includes frequent travel to visit construction sites in the Central Valley and to report to executive management in Sacramento.
- d. Other: None.

Acknowledgment and Signatures

I have read and understand the duties listed above and can perform them with/without reasonable accommodation (RA). (If you believe you may require RA, please discuss this with the hiring supervisor. If you are unsure whether you require reasonable accommodation, inform the hiring supervisor who will discuss your concerns with the RA Coordinator.)

Incumbent Printed Name:	Signature:	Date:

I have discussed the duties with and provided a copy of this duty statement to the incumbent named above.

Supervisor Printed Name:	Signature:	Date:

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