
Position Details

Classification:
Supervising Transportation Engineer

Office:
Planning and Engineering

Working Title:
Deputy Engineering Manager

Location:
Sacramento

Position Number:
311-646-3155-001

HR Approval Date/Initials:
06/19/26 SA

**CBID/Bargaining
Unit:** M09

**Work Week
Group:** E

Tenure:
Permanent

Time Base:
Full-Time

Job Description Summary

Under the general direction of the Principal Transportation Engineer for Civil Infrastructure Engineering Section, the Supervising Transportation Engineer serves as the Deputy Engineering Manager for various planning, design, and construction projects including but not limited to civil works, stations, infrastructure engineering, rail engineering, facilities, tracks, and systems. The Deputy Engineering Manager is responsible for day-to-day technical management and supervision of all activities related to project, contract, and engineering management, project development, and delivery of assigned projects. The incumbent will work with the Principal Transportation Engineer to deliver and meet the goals and objectives of the assigned high-speed rail (HSR) projects.

Duties

Percentage

Essential (E)/Marginal (M)

- 30% (E)
- Provides leadership and direction to support the Authority's planning, project development, design, and construction phases of current and future construction packages.
 - Monitors and evaluates process compliance, program accomplishments, and product quality of design and engineering of all components of HSR infrastructure.
 - Investigates engineering issues to ensure an efficient product is designed for the purposes of public safety and effective State expenditures and that only work completed in accordance with contract requirements is reimbursed.
 - Ensures the development and allocation of proper resources to execute corresponding contracts and agreements in a timely manner.

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- Manages specific tasks or deliverables within a contract, including but not limited to, management of task budget and schedule, maintenance and management of task-related documents and correspondence, verification of deliverables for quality assurance, and recommendation acceptance.
 - Provides recommendations for task invoice approval and disputes and acts as a subject matter expert to participate in technical decision making.
- 30% (E)
- Assists leadership in planning, organizing, and directing the work related to the development and delivery of construction packages. Duties include but not limited to development of bid documents, contract procurements and awards, technical oversight, and ensuring technical compliance.
 - Provides engineering support for the design and construction, procurement, and inspection of various HSR components.
 - Ensures construction quality is met to sustain the long-term safety and durability of all HSR infrastructures, including buildings, bridges, and related structures.
 - Coordinates efforts to improve design processes during design and construction to meet the Authority's goals and objectives.
 - Supports construction teams in managing and coordinating engineering activities. Duties includes but not limited to technical oversight, construction quality management, design and construction review, and technical support.
 - Manages design, construction, and commercial support and resolves project engineering issues and conflicts in the areas of design, stations, and civil engineering.
- 25% (E)
- Formulates Authority policies, procedures, bulletins, and directive letters as it relates to engineering and project delivery matters.
 - Oversees the development and maintenance of engineering related design criteria and of the Design Criteria Manual, standard specifications, and directive drawings, including the incorporation of lessons learned.
 - Participates in the development and implementation of configuration management for the Authority.
 - Represents the Authority at meetings, committees, task forces, and public forums in relation to engineering and project management processes.
 - Visits, tours, and navigates around and in constructions sites, including climbing high embankments, scaffolding, and flights of stairs, in order to inspect various elements of the HSR infrastructure.

- Provides leadership and management to the Authority's engineering consultants to develop and implement engineering based programs that articulate the role of the HSR project.
- Supports the project construction teams in managing and coordinating project activities and identifying project conflicts/issues in a timely manner and assist in elevating them if unable to resolve them directly.
- Oversees the recruitment, hiring, training, and performance management of subordinate staff.
- This position occasionally travels statewide to various construction sites and to represent the Authority at meetings with contractors, consultants, the public, and other stakeholders.

- 10% (E)
- Advises leadership and makes recommendations on highly sensitive and/or critical engineering issues related to the development and delivery of construction packages.
 - Resolves complex engineering and technical project challenges related to civil engineering which can delay project development and delivery progress.
 - Prepares draft correspondence and completed staff work for technical issues and decision making.

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

Special Requirements

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

License Required Yes ☒ No ☐	Conflict of Interest (COI) Yes ☒ No ☐	Bilingual Required Yes ☐ No ☒	Contract Manager Yes ☒ No ☐	Medical Required Yes ☒ No ☐
Type: Engineer		Language:		

Other Special Requirements Information:

License: Possession of a valid certificate of registration as a civil engineer issued by the California State Board of Registration for Professional Engineers.

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.

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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).

Managers/Supervisors of Contract Managers: Provides strong oversight of subordinate contract managers, holding them accountable for ensuring that assigned contracts and agreements are administered and managed in accordance with the applicable policies and procedures of the Authority, the SCM and the GC.

Medical: Due to physical requirements of the job, this position is subject to medical evaluation and clearance.

Knowledge and Abilities

Knowledge of: Various phases of transportation engineering and systems planning; transportation economics and financing; factors which influence the impact of transportation facilities on the environment, the community and the economy; principles and techniques of personnel management and supervision; Department's Equal Employment Opportunity (EEO) and labor relations objectives; a manager's role in safety, health, EEO and labor relations and the processes available to meet these program objectives.

Ability to: Administer an engineering program; plan and direct the work of others; judge work quality and performance; prepare technical correspondence and complete, comprehensive reports; prepare articles for publication; address an audience effectively; analyze situations accurately and adopt an effective course of action; communicate effectively; effectively; contribute to the Department's safety, health, EEO and labor relations objectives.

Desirable Qualifications

- Knowledge of and ability to apply engineering judgement in areas of design, civil engineering, structural engineering, geotechnical engineering, and tunneling on transportation civil infrastructure projects.
- Experience in areas of structural engineering, geotechnical engineering, and tunneling on civil infrastructure projects.
- Knowledge or familiarity with the American Railway Engineering and Maintenance of Way Association requirements pertaining to HSR systems.
- Experience with standard design criteria manuals utilized in civil infrastructure projects including standard specifications and/or directive drawings.
- Demonstrates analytical and problem-solving skills with the ability to achieve positive results.

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- Demonstrates project management skills to direct professional staff.
- Experience managing and administering engineering contracts.
- Ability to communicate effectively both orally and in writing with all levels of Authority management and employees, external groups, and local governments.
- Experience managing, directing, assigning, checking work, and giving instructions to engineers and others.
- Experience in areas of project management, project development and/or design, and construction on transportation civil infrastructure projects.
- Ability to exercise a high degree of initiative, flexibility, and judgment.

Supervision Exercised Over Others

This position supervises Senior Transportation Engineers and provides technical oversight of consultants and other state and federal employees who work on the HSR project.

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 and federal 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. Errors may have a significant impact on the internal and external operations of the Authority. Successful performance of the above-listed duties is essential to ensure that program delivery and project matters are resolved in an efficient and effective manner. Failure to perform these duties effectively could result in additional costs to the state to complete the HSR project and political embarrassment for the Authority in the event of improper handling of duties on the largest infrastructure project in the nation. The incumbent should exercise a high degree of initiative and independent judgment in regularly performing the most difficult duties.

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.

While working at a construction site, the incumbent may be exposed to hazards such as unguarded machinery, heavy construction equipment, high-voltage electricity, and hazardous materials such as paints, solvents, silica dust, or other dangerous construction materials.

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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.

Working Conditions and Requirements

- a. Schedule: A set schedule of Monday to Friday, 8:00 am to 5:00 pm is required for this position.
- b. Telework: This position works primarily in the office but limited telework may be available for California residents.
- c. Travel: This position occasionally travels statewide to various construction sites and to represent the Authority at meetings with contractors, consultants, the public, and other stakeholders.
- d. Other: N/A

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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Supervisor Printed Name:	Signature:	Date: