

NORTH COUNTY
TRANSIT DISTRICT

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EMPLOYMENT OPPORTUNITY

NCTD is an equal opportunity employer

CHIEF RAIL ENGINEER

OPEN UNTIL FILLED

Salary: D.O. E. (Competitive)

DEFINITION

Under the general direction of the Director of Operations, the Chief Rail Engineer will play an integral role in the engineering aspects of rail related services and the development and maintenance of the rail infrastructure necessary to deliver safe, convenient, reliable and user-friendly public transportation services. The types of projects typically developed include basic infrastructure and support facilities for light and heavy rail systems; including track additions and replacements, rail bridge renovations and replacements, drainage structures and systems, coastal bluff stabilization, parking facilities, maintenance facilities and habitat restoration.

Distinguishing Characteristics

This position is distinguished by its role in representing NCTD in the coordination of all phases of railroad projects, requiring a high level interaction between multiple departments, outside agencies including SANDAG, and consultants. An additional distinguishing characteristic is this position's role as configuration manager for the District's rail infrastructure. A qualifying applicant will possess advanced knowledge of facets of railroad engineering, including stations, earthwork, drainage, grades, clearances, signaling, surveying, operations, alignment, and special track work structure. Incumbent must demonstrate a high degree of creativity, foresight and mature judgment in planning, organizing, coordinating and solving engineering and construction problems.

Supervision Received and Exercised

This position works under the general direction of the Director of Operations, and under the specific direction of other Managers in the Operations Division for assigned projects. This position will be responsible for project oversight, including supervision of consultants and subordinate staff.

Working Conditions

Normal working conditions for this position are in both an office and field setting. Business travel may be required periodically between District sites, consulting engineers' facilities and other locations. Must be able to handle demanding deadlines and changing priorities in an often-stressful work environment.

EXAMPLES OF DUTIES

Essential Functions

Reviews and/or monitors the progress of railroad development and restoration projects. Directs and reviews the work of design consultants. Ensures that projects are completed within budget and on schedule. Develops and updates design standards, manages the configuration of railroad assets, verifies consultant work, performs constructability reviews and responds to daily railroad engineering matters. Troubleshoots issues with key personnel within the District, as well as with consultants and other agency personnel on the Local, State and Federal level.

Duties may include, but are not limited to the following:

Duties include, but are not limited to, coordinating and facilitating activities related to capital facility design and construction of railroad projects within North County Transit District. Acts as a prime point of contact representing NCTD on the development and execution of railroad projects by NCTD and third parties. Ensures that District and third-party rail projects conform to federal, state, and District design standards, inter-agency agreements and MOU's, and other governmental regulations.

QUALIFICATIONS

General Requirements

Qualified candidates must have advanced knowledge of principles of civil and mechanical engineering, with demonstrated experience with railroad facilities and railroad operations. Candidates will be familiar with pertinent code and regulatory requirements of agencies such as the FRA and the CPUC. Applicant must possess the ability to create and maintain good working relationships, through excellent communication and teambuilding skills.

Experience/Education/Certificates/License

Applicant must hold a Professional Engineer license in the State of California or be able to obtain one within 6 months of accepting the position. Qualified candidates will have a Bachelors degree and minimum of fifteen years of civil engineering experience, of which eight years will be in project management and construction or any combination of education, experience and training that meets the required skills. Experience in civil, structural, geotechnical, environmental, CEQA/NEPA and transportation engineering, with specific experience in railroad and/or light rail design and construction required. Must have a working knowledge of engineering standards such as AREMA, ACI, ASTM, Amtrak MW1000, BNSF, SCRRA and Caltrans. Must have a working knowledge of computer-aided design systems, word processing, spreadsheets, databases, presentation, and scheduling software as it relates to project management.

Physical Requirements

Ability to physically travel between District locations and other destinations, work in hazardous conditions, negotiate a variety of different terrain. May be subject to fumes, odors, dusts, gases, chemicals. Ability to walk, climb, balance, bend, carry, push, reach, sit, stand, stoop, twist, kneel, finger, grasp, feel, talk, hear, and see and perform repetitive motions. Ability to use the phone and computer for extended periods; manual dexterity to complete clerical functions, work with office equipment, and daily lifting of equipment up to 40 pounds is required.

Machines / Tools / Equipment

- Possession of and the ability to maintain a California driver's license, Class C, and a satisfactory driving record for the last five years.
- Ability to operate a personal computer and Microsoft Office Suite programs.
- Ability to operate standard office equipment, including a fax and scanner machine, copy machine, and telephone.
- Ability to carry and operate a Blackberry on-call device.

**CHIEF RAIL ENGINEER
Supplemental Application**

Name _____ Date _____

This supplemental application contains questions designed to obtain information concerning your qualifications for the position of Chief Rail Engineer. Responses to these questions will be carefully evaluated to determine which applicants are invited for further consideration. This supplemental application is a required part of the application and evaluation process.

Please be specific and concise in providing the information. Answer ALL parts of each question. Failure to do so will result in an incomplete application.

1. Please describe your education and experience in railroad or general engineering and construction. Please give examples of the type(s) of agencies or firms worked for and the types of engineering work performed.
2. Please describe your experience in performing or coordinating engineering review and commenting on third party engineering or construction projects.
3. Please describe your experience in working with third party agencies which are designing and constructing projects for your agency or client.
4. Please explain your experience directing the work of other engineers or consultants.
5. Please describe your experience in using standard "office" computer software as well as specialized software such computer-aided design (CAD), as well as in performing field surveying.



NOTICE AND DISCLOSURE

Please be advised that North County Transit District may obtain investigative reports about you in connection with your application for employment and/or at any time during your employment with North County Transit District if you are hired or if you are a current employee, for employment purposes including, but not limited to, reassignment, promotion, retention, and rehiring.

Such investigative reports may include information concerning your creditworthiness, credit standing, credit capacity, character, general reputation, personal characteristics, and/or mode of living. This information may be obtained from personal interviews with your professional and personal acquaintances. If an investigative consumer report is requested from an outside agency, or compiled in-house by North County Transit District, you will receive a statement of the nature and scope of the investigation and a copy of the report once it is compiled and received. Examples of investigative reports may include, but are not limited to, criminal background reports, motor vehicle driving records, credit histories, reference checks, verification of education or past employment, and investigations into theft, fraud, harassment and workplace violence.

Your signature below acknowledges that you have read and understand the above disclosure.

Date: _____

Signature

Printed Name