

March 23, 2020

TITLE: Senior Engineer (Track)
EMPLOYMENT TYPE: Exempt
DIVISION: Rail
APPLICATION DEADLINE: **Friday, April 17, 2020**
PAY RANGE: \$1,913 - \$2,870 per week (\$99,511 to \$149,267 est. annual)
WORK LOCATION: 1250 San Carlos Avenue, San Carlos, California
WORK SCHEDULE: Full Time

Job Summary: The Senior Engineer III (Track) reports to the Manager, Track & Structures, and is responsible for railroad track engineering support for the Peninsula Corridor Joint Powers Board (Caltrain).

Examples of Essential Functions:

- Support the track and structures engineering tasks for design/construction of Caltrain Capital and State of Good Repair (SOGR) projects, and planning of moderate to large Grade Separation projects
- Assist with the development of the annual, short-term and long-term Caltrain track engineering and maintenance plans.
- Ensure third-party designs that impact the Right of Way (ROW) are in compliance with Caltrain Engineering Design Criteria and Standards.
- Ensures railroad track complies with FRA, Caltrain Engineering Standards, including Positive Train Control (PTC), and are in a state of good repair, and all construction activities follow return-to-service requirements.
- Independently performs all the tasks necessary to complete primary design elements for track engineering works.

Examples of Duties:

- Prepare calculations, plans, and specifications to support track design and analysis using relevant design criteria, codes, and standards for new and rehabilitation type projects.
- Assist with review drawings, construction cost estimates, specifications, technical reports, and other contract documents.
- Provide technical guidance to Project Manager(s) and other projects as required by responding to RFI, construction submittal, and site-specific work plan.
- Perform site inspections during construction and maintenance projects to determine if they are within tolerance levels established by the Federal Railroad Administration (FRA) and other applicable regulations.
- Develop solutions and provide technical input for design optimization for cost effectiveness, risk management challenges, and constructability improvements for capital and maintenance projects.
- Review with design of track alignment geometrics and special track work.
- Update railroad track-related engineering standards.
- Conduct project meetings and field meetings with internal and third-party personnel.
- Provide 24/7 on-call construction and maintenance support.
- Perform all job duties and responsibilities in a safe manner to protect one's self, fellow employees, and the public from injury or harm. Promote safety awareness and follow safety procedures in an effort to reduce or eliminate accidents.
- Perform other duties as assigned.

Supervision: Works under the general supervision of the Manager, Track and Structures, who establishes goals and objectives, monitors and evaluates performance.

Minimum Qualifications: Sufficient education, training and experience to demonstrate the knowledge and ability to successfully perform the essential functions of the position. Development of the required knowledge and abilities is typically obtained through but not limited to:

- Bachelor's degree in Civil Engineering or related field.
- Professional Engineer's license.
- Five years of full-time progressively responsible professional experience in a railroad, an engineering firm, or public works agency.

Preferred Qualifications:

- Working knowledge and experience of Federal and State transportation regulations and programs, including FRA, CPUC, and AREMA is required.
- Demonstrated hands-on experience using AutoCAD or AutoCAD Civil 3D.
- Must able to respond 24/7 to service and operational needs in a variety of weather and road conditions.
- Must possess effective oral, written, and presentation communication skills.
- Must possess a valid California driver license with safe driving record.

Selection Process May Include:

Applications will be screened for completeness and minimum qualifications.

Written and/or skills assessment examination.

Finalists will be interviewed by a screening and selection panel.

Background investigation

Current Employment Benefits at SamTrans:

Holidays: Seven paid holidays, plus up to five floating holidays per year

Time Off: Paid Time Off: Up to 26 days per year

Cafeteria Plans: Medical, dental, vision care, group life insurance, and more

Transportation: Free bus transportation for employees and qualified dependents

Retirement: Social Security and California Public Employees Retirement Systems (CalPERS)

- Classic Members – 2% @ 60 benefit formula, 3 year average of highest compensation
- New Members – 2% @ 62 benefit formula, 3 year average of highest compensation

How to Apply:

Although we encourage applicants to apply online, we are still accepting paper applications.

- Apply online 24 hours a day through our online application system at www.smctd.com/jobs.html or complete a SamTrans Employment Application per instructions printed on the application.
- When completing the online application, please follow instructions on the Prospective Employee Reference Guide found at www.smctd.com/jobs.html. When completing the paper application, please specify the position for which the application is being submitted.
- Incomplete or improperly completed online or paper applications may be rejected even if you are qualified for the position for which you are applying. It is your responsibility to ensure that the online or paper application reflects the work experience and education needed to meet the requirements for the position(s) for which you are applying.
- Whether applying online or with a paper application, **your completed application package must be received by the District's Human Resources Department by the specified deadline to receive consideration.** Paper applications must be received by the Human Resources Department by 4:30 pm on the application deadline date. Online applications must be submitted prior to midnight on the application deadline date.
- The paper application includes: (1) SamTrans employment application, (2) Affirmative Action Questionnaire. (#1 is required, and #2 is requested but optional). Completed paper applications can be submitted in person, or by U.S. Mail.

San Mateo County Transit District, 1250 San Carlos Ave., San Carlos, CA 94070-1306

- You may call (650) 508-6308 to verify that your online or paper application has been received.

The Human Resources Department will make reasonable efforts in the recruitment/examination process to accommodate applicants with disabilities upon request.

If you have a need for an accommodation, please call (650)508-6308.

SamTrans is an Equal Opportunity Employer.