March 3, 2023

TITLE:	**Senior Engineer (Track)**
EMPLOYMENT TYPE:	**Exempt (Full-Time)**
DIVISION:	**Rail**
APPLICATION DEADLINE:	**Continuous Recruitment (Open until filled)**
PAY RANGE:	**$2,117 - $3,176 per week ($110,089 to $165,134 est. annual)**
WORK LOCATION:	**San Carlos, California**

JOB SUMMARY: The Senior Engineer (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 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 supervision of the Manager, Track & Structures, who establishes goals and objectives 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.
- Five (5) years of full-time progressively responsible professional experience in a railroad, engineering firm, or public works agency.

PREFERRED QUALIFICATIONS:

- Professional Engineer's license.
- 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.
- Able to respond 24/7 to service and operational needs in a variety of weather and road conditions.
- Possess effective oral, written, and presentation communication skills.
- Possess a valid California driver license with safe driving record.

SELECTION PROCESS MAY INCLUDE: The process will include a panel interview and may include written and skills test assessments or supplemental questions. Only those candidates who are the most qualified will continue in the selection process. Meeting the minimum qualifications does not guarantee an invitation to continue in the process. Selected candidate must successfully complete a background investigation.

CURRENT EMPLOYMENT BENEFITS:

For further benefit details please go to: https://www.caltrain.com/about-caltrain/jobs/employee-benefits

Holidays: Seven (7) paid holidays, plus up to four (4) floating holidays per year
Time Off: Paid Time Off: 26 days per year
Cafeteria Plans: Medical, dental, vision care, group life insurance, and more
Transportation: Free rail transportation for employees; 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:

- To apply, please visit https://www.caltrain.com/about-caltrain/jobs complete an online employment application and if required the supplemental questionnaire. **This is a continuous recruitment until filled.** A resume will not be accepted in lieu of the application and supplemental questionnaire. Incomplete application will not be considered.
- 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 contact the Human Resources Department at (650) 508-6308 or email written request to hr@samtrans.com.
- Caltrain celebrates diversity and is committed to creating an inclusive and welcoming workplace environment. We are an Affirmative Action/Equal Opportunity Employer. Minorities, Women, Persons with Disabilities and Veterans are encouraged to apply.

Peninsula Corridor Joint Powers Board, 1250 San Carlos Ave., San Carlos, CA 94070-1306