



JOB OPENING ANNOUNCEMENT

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Employment Hotline (650) 508-6308

August 31, 2020

TITLE: Manager, Train Control Systems
DIVISION: Rail
APPLICATION DEADLINE: Open Until Filled (1st resume review will be September 25, 2020)
PAY RANGE: \$2,117 - \$3,176 per week (\$110,089 to \$165,134 est. annual)
WORK LOCATION: 1250 San Carlos Avenue, San Carlos, California
WORK SCHEDULE: Full Time

Job Summary: The Manager, Train Control Systems reports to the Deputy Director Rail Systems Engineering and is responsible for oversight and management of complex train control engineering work including the installation, modification, maintenance, and upgrade of the District's Rail Operations Control System (ROCS) for the Peninsula Corridor Joint Powers Board (Caltrain).

Examples of Essential Functions:

- Oversee maintenance and upgrade of the following systems: Rail Operations Control System (ROCS); Predictive Arrival and Departure System (PADS), Positive Train Control (PTC) back office systems, Traction Power Controls (TPS), Supervisory Control and Data Acquisition (SCADA) System and Rail Scheduling.
- Develop and ensure the quality of system engineering support for PTC office systems, including Back Office Server (BOS), Rail Operations Control System (ROCS), Network Management System (NMS); Interoperable Train Control Message Server (ITCMS); Wayside Status Relay Service (WSRS), and the interfaces to all other operational systems.
- Develop and establish policies and procedures for Train Control Systems and ensure compliance.
- Ensure Caltrain systems meet Federal Railroad Administration (FRA) mandated interoperability requirements with all tenant railroads; ensure Caltrain train control systems are compatible with Association of American Railroads (AAR) standards; follow the ITC guidelines that Caltrain must maintain "N-2" backwards compatible software versions.
- Manage complex and large scale train control engineering projects.
- Manage the work of outside contractors and assist higher level Caltrain Directors and Executives in planning and evaluating the quantity and quality of work performed by subordinate staff.
- Supervise staff. Hire, mentor, and take appropriate corrective and/or disciplinary action. Ensure EEO policies and procedures are followed. Participate in selection of staff. Coordinate staff training and professional development. Establish performance objectives. Monitor and evaluate employee performance.

Examples of Duties:

- Represent Caltrain in the development and negotiation of rail operating contractor station facilities annual State-of-Good-Repair (SOGR) maintenance plans to ensure rail operating contractor complies with Caltrain and industry standards
- Review third party proposal for uses of station property. Evaluate impacts on the operation of the commuter rail system.
- Provide customer service, respond to customer comments, and resolve customer issues with respect to station facilities and station communication systems.
- Monitor industry trends in station communications and facilities operations to ensure best industry practices are utilized in the operation of JPB rail stations and facilities.
- Work with engineering staff, coordinate annual and long-range station and service building capital improvement programs.
- Represent Operations Department interests in the station development, design, and implementation process for new and redeveloped stations, and station communication systems with a primary focus on passenger and employee safety, ease of access, and operational efficiency.
- Work with engineering staff to coordinate annual and long-range station communication systems and capital improvement programs.

- Take on-call duty periodically and assist during rail interruptions and emergencies.
- Direct the Station Ambassador Program.
- Evaluate job performance of staff which also includes the professional development of staff through the identification of on-the-job and other professional development opportunities.
- 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 assigned.

Supervision: Works under the general supervision of the Deputy Director Rail Systems Engineering, 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 electrical/electronics, computer science, or a related field
- Five (5) years of railroad industry experience in Train Control System and SCADA system development and maintenance.
- Two (2) years supervisory experience.

Preferred Qualifications:

- Knowledge and experience with AIMCore Product/Software a plus.
- Possess a broad interdisciplinary knowledge of supervisory train control, wayside signal, highway crossing warning system, predictive and arrival system, traffic signal control; traction power substations and distribution, SCADA, etc.
- Knowledge of operating systems (UNIX, Linux, Microsoft)
- Knowledge of VHF and UHF radio voice and data communications, information assurance, data security, and networking technologies.
- Experience with Configuration Management and Quality Assurance systems.
- Ability to Interpret and revise engineering plans, drawings and specifications.
- Proficient with Microsoft Office Suite.
- Effective oral and written communication skills.

Selection Process:

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: 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 Public Employees Retirement Systems (CalPERS) <ul style="list-style-type: none"> ○ 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:

Due to COVID-19, please apply online at <http://www.caltrain.com/about/Jobs.html>

- Apply online or complete a Caltrain Employment Application per instructions printed on the application.
- When completing the online application, click on [Employee Portal](#) to apply, please follow instructions on the [Employee Reference Guide](#) assistance.
- 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.
- 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 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.
Caltrain is an Equal Opportunity Employer Minorities/Women/Persons with Disabilities/Veterans