

JOB DESCRIPTION

Job Title: Senior Manager, Train Control Systems Design

FLSA Status: Exempt

Salary Grade: 11A

PURPOSE OF POSITION

The Senior Manager, Train Control Systems Design will manage the maintenance and rehabilitation of the SCRRA's communication and on-board positive train control (PTC) systems to ensure safe, efficient, and reliable train operations.

DISTINGUISHING CHARACTERISTICS

This job description is not part of a job series.

SUPERVISION EXERCISED AND RECEIVED

- Receives general oversight from director or executive level management
- Responsible for supervising and monitoring performance for a regular group of employees or department

ESSENTIAL DUTIES AND RESPONSIBILITIES

The duties listed below are intended to describe the general nature and level of work being performed and are not to be interpreted as an exhaustive list of responsibilities.

- Responsible for managing all departmental services and activities.
- Lead efforts to plan, design, implement, and maintain systems and subsystems related to train control and networking systems.
- Oversee performance of system updates and upgrades to train control systems, network infrastructure, and other support systems, along with the development and implementation of required tools.
- Develop and manage design, and design support contracts in relation to department objectives. Manage projects, contractors and vendors associated with train control systems.
- Define scope of work and project milestones, coordinate with other departments as needed, and schedule manpower and materials.
- Develop and administer operating budget for areas of responsibility; monitor expenditures.
- Monitor and evaluate the efficiency and effectiveness of service delivery methods and procedures; make recommendations within departmental policy.
- Assure compliance with various guidelines, interoperability standards and regulatory and/or statutory requirements.
- Monitor and evaluate staff, establish training needs within the department and ensure staff meets objectives and expectations.
- Collaborate with SCRRA managers and various departments to accomplish organization and department objectives are met.
- Develop a team environment, among department personnel, other SCRRA departments and contractors.
- The responsibilities outlined above are representative of the role but not exhaustive. Additional duties may be assigned as needed, and reasonable accommodations will be provided to qualified individuals with disabilities in accordance with applicable laws.



MINIMUM QUALIFICATIONS

Education and Experience

- Bachelor's degree in Information Systems, Engineering or a related field.
- A minimum of seven (7) years progressive work experience in the design, construction, operations and maintenance of communication systems,
- A minimum of five (5) years experience at a supervisory level.
- A combination of training, with a minimum of an Associate Degree and/or experience that provides the required knowledge, skills and abilities, may be considered when determining minimum qualifications. Advanced relevant coursework may also substitute for a portion of the required experience.
- A valid Class "C" California driver's license with a satisfactory driving record of no more than two moving violations and no DUIs within the last three years

Preferred Qualifications

None

Knowledge, Skills, and Abilities

Knowledge of:

- Electrical, mechanical and pneumatic components, air brakes, event recorders, and networking, communications and Train Control Systems and associated subsystems
- The Authority's operations and business practices, as well as the railroad regulatory environment
- System Testing procedures and best practices
- Document control procedures
- Principles of supervision, training and performance evaluation

Skilled in:

- Use of Microsoft Office, database tools and programming languages (C++, HTML, and Visual Basic)
- Analyzing problems and identifying alternative solutions
- Ensuring compliance with contract guidelines
- Strong and effective leadership, communication, time management, and organization

Ability to:

- Multitask and manage multiple projects in a fast-paced work environment with frequently changing priorities.
- Drive initiatives through to completion
- Mediate conflict and recommend solutions

PHYSICAL REQUIREMENTS

- Transition between a stationary position at a desk or work location and move about Metrolink facilities or other work site locations
- Operate tools to perform the duties of the position, such as computers, office equipment, and work-related machinery
- Transport equipment or boxes up to 25 lbs
- Exchange ideas by means of communication



- Visual acuity to detect, identify, and observe employees or train movement and any barriers to movement when working on or near railroad tracks
- Hear and perceive the nature of sounds when working on or near railroad tracks
- Balance, ascend/descend, climb, kneel, stoop, bend, crouch, or crawl within assigned working conditions and or locations

Working Conditions

Position requires work in a normal office environment with little exposure to excessive noise, dust, or temperature. Work may also be conducted in outdoor environments, at construction sites, Railroad Track and Right-of-Way environments, and warehouse environments, with possible exposure to individuals who are hostile or irate, moving mechanical parts, and loud noises (85+ decibels, such as heavy trucks, construction, etc.)

Southern California Regional Rail Authority is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the Authority will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.

Last Updated: January 2026

