Metro-North Railroad

CAREER OPPORTUNITY

CIRCUIT ENGINEER

Location: Graybar - 12th Floor
Reference #: 004631 **Post Date:** 7/2/09
Grade: F **Salary Range:** Min: $64,786 / Mid: $80,982 / Max: $97,179 **Close Date:** 7/22/09

OPENING

MTA Metro-North Railroad, an organization with a vital role in the economy of New York State and Connecticut, is a subsidiary agency of the Metropolitan Transportation Authority (MTA), the largest such authority in the United States. Metro-North is a dynamic organization with a strong focus on customer service, safety, new technologies, and service expansion. With a staff of approximately 5,900 people, Metro-North serves more than one million customers per week over 384 miles of rail that link historic Grand Central Terminal (GCT) in New York City and 120 stations in New York State and Connecticut. Metro-North rewards employee resourcefulness, encourages innovation and offers excellent job opportunities in a challenging and diverse environment.

POSITION OBJECTIVE

Assist the Senior Circuit Engineer Signal Design in the development of safety critical designs, plans, and layouts for Metro-North's wayside signal system. Ensure adherence to all Metro-North, Federal and State requirements and regulations relating to railroad signal system. Design and engineer Vital and Non-Vital signal circuits. Design modifications to the various signal systems of Metro-North, ensuring the safety and integrity of the signal systems.

RESPONSIBILITIES

Design and engineer modifications, additions, and interfaces for new and existing signal systems, maintain integrity and assure safety of the signal systems.

Check and review other design projects and An-In-Service plans executed by other Circuit Engineers and Assistant Circuit Engineers.

Ensure compliance with Federal Railway Administration (FRA) regulations for wayside signal system and grade crossings.

Manage and provide technical assistance and information to Signal Department personnel, Field Construction and Maintenance forces. Supports implementation of systems with field construction.

REQUIRED QUALIFICATIONS

Strong knowledge of Federal Railroad Administration (FRA), Code of Federal Regulations (CFR) and State Regulations concerning Signal Systems.

Knowledge of CAD systems.

Excellent oral and written communication skills.

Strong organizational and planning skills.

Must be able to work in a high-profile/high-pressure environment.

Excellent interpersonal skills to interact with internal departments, management and outside agencies.

Ability to indirectly supervise.

Excellent knowledge of Microsoft Office i.e. (Word Access, Excel, PowerPoint) and/or comparable applications.

Knowledge of standard safety rules and procedures as they apply to signal systems.

Ability to implement and participate in Metro-North Railroad's Priority One Safety Program.

Must be able to work outside of normal working hours including weekends as needed to support maintenance and construction projects or emergency situations.

Must have a valid driver's license.

PREFERRED QUALIFICATIONS

Familiarity with Metro-North's operating rules, policies and procedures.

Familiarity with Auto Cad.

REQUIRED EDUCATION/EXPERIENCE

Bachelor's Degree in Electrical Engineering, Electronics Engineering and/or related engineering discipline.

Minimum five (5) years transportation experience which includes experience in signal design, maintenance and/or construction.

Minimum three (3) of supervisory experience or comparable experience in coordinating signal circuit designs and revisions with field construction personnel or coordination with other design personnel.

PREFERRED EDUCATION/EXPERIENCE

Familiarity with maintenance and operation of wayside signal, traction power systems and knowledge of both relay circuits and microprocessor-based controlled logic. Maintenance, testing and installation of real-time remote control CTC and SCADA software applications and equipment or similar systems.

OTHER INFORMATION

This is a safety sensitive position and subject to toxicological testing.

SELECTION CRITERIA

To be selected for a position, an applicant must: (1) meet the minimum requirements in the job posting, (2) pass a written examination (if applicable), (3) satisfy a background investigation (which includes credit, if applicable), and (4) pass an oral interview, during which the interviewers will further evaluate the applicant's qualifications for the position. Because the selection process is competitive, not all qualified applicants are granted an interview. Metro-North may also require the applicant to undergo a physical ability test, and, if the Company extends a conditional offer, may require him or her to undergo a medical examination, which may include toxicological testing.

For applicants who are current employees, you must be in active service and have worked in your present position for at least one year to be eligible to apply for a posted position. In addition, Metro-North employees are also subjected to an internal investigation, which includes an evaluation of their safety and discipline records, their performance assessments, and of their time and attendance records (including early quits and late starts) for the preceding 30 months. During the 30 month review period, the maximum number of occurrences allowed is 15, and the maximum number of patterns allowed is 8. (An "occurrence" is any absence or consecutive absences of four or more hours, and a "pattern" is an absence preceding or following rest days, holidays, vacation days, etc.) For employees with fewer than 30 months of service, the entire period of their employment is reviewed, and the maximum allowable number of incidents is pro-rated. Absences excused in accordance with Company Operating Procedures are not included for purposes of assessing whether attendance is satisfactory. If occurrences and/or patterns exceed the maximums allowed, the employee's attendance is deemed unsatisfactory, and he or she is disqualified from further consideration, even if he or she has not been previously warned about his/her attendance.

We offer a competitive salary and a comprehensive benefits package.
Note: Applications received after the application deadline may not be considered. If interested, please apply online at

www.mta.info

MTA Metro-North Railroad is an Equal Opportunity Employer