Summer Opportunity
SOPHOMORES & JUNIORS
Engineering/Construction Project Management

**Title: Summer Engineer**
Department: Department of Program Management/Engineering/
           Maintenance of Equipment/East Side Access
Starting Salary $18.375/ hr - $19.325/hr

**Summary:**
*Department of Program Management*
The Summer Engineer's position in the Department of Program Management (DPM) is an internship in
the Engineering and Construction Management field, with a heavy emphasis in Project Management.
The Summer Engineer will be responsible to assist with the coordination and administration of projects
in the Long Island Rail Road's Capital Program. Working with seasoned project managers, the Summer
Engineer will be introduced to project management techniques and requirements involved in the
planning, design & construction phases of a project, schedule & budget controls, contract management,
construction inspection, change order processing, invoicing, and technical scope documents. In
addition, the Summer Engineer will regularly interface with DPM's Program Support Group (Project
Controls & Scheduling, Estimating, and Technical Services).
The Summer Engineer in the Department of Program Management will report directly to the Chief
Program Officer in DPM, and will be required to provide weekly reports. A performance evaluation will
be complete at the end of the summer internship period.

*Engineering*
The Summer Engineer's position in the Engineering Department is an internship in the Engineering field
and encompasses various operating and supporting departments including but not limited to Structures,
Track, Communications, Signal, Power, Facilities and Administration. This internship is designed to
produce a student to become familiar with railroading. The Summer Engineer-Engineering will be
responsible to assist with the coordination and administration of projects within Engineering. The
Summer Engineer - Engineering will observe and learn principles of Railroad construction, and
demonstrate known engineering principles. The Summer Engineer - Engineering will be introduced to
concepts such as manpower, material, equipment, track, budget and quality control on large
construction jobs.

*Maintenance of Equipment*
The Summer Engineer’s positions in the M of E Department focus on areas related to Reliability
Centered Maintenance, Fleet Engineering and Support Shop maintenance. The Summer Engineer in
each of these areas will work directly with RCM Management, Production Planning, Engineering, and
Support Shop staff on various M of E practices in these specific areas. The Summer Engineers will be involved in learning about how M of E manages the various aspects of planned and unplanned maintenance. They will learn about configuration management, material planning, inventory analysis and production planning as well as analyzing component defects and repairs.
East Side Access/ Special Projects
The Summer Engineer’s position in East Side Access/Special Projects (ESA/SP) is an internship in the Engineering and Construction Management field, with a heavy emphasis in Project Management. The Summer Engineer will be responsible to assist with the coordination and administration of contracts for the East Side Access Project. Working with seasoned project managers, the Summer Engineer will be introduced to project management techniques and requirements involved in the planning, design & construction phases of a project, schedule & budget controls, contract management, construction inspection, change order processing, invoicing, and technical scope documents. The Summer Engineer will regularly interface with MTACC-ESA, including but not limited to, Contract Package Managers, General Engineering Consultants, Project Controls & Scheduling, Estimating, and Technical Services, Operational Readiness Asset Management.

The Summer Engineer in ESA/SP will report directly to the Director-ESA/SP, and will be required to provide weekly reports. A performance evaluation will be complete at the end of the summer internship period.

Responsibilities:
The primary responsibility of the Summer Engineer will be to assist the departmental staff in performing various project management and project support functions. In addition, the following will be required:
- Achieve Roadway Worker Protection certification, along with other safety training.
- Participate in Asset Inventory, Condition Assessments, and Data Collection.
- Participate in Database Development and/or Maintenance.
- In support of program development on capital projects, facilitate and develop project scoping documents.
- Perform construction site inspections.
- Assist in office administration duties.
- Assist in the Project Controls group (resource management, scheduling and estimating).

Qualifications:
- Must have two years of studies completed at an accredited college or university and pursuing an Engineering Degree (Mechanical, Civil, Electrical).
- Must be a full-time college student with ability to present proof of Fall 2014 semester’s registration.
- Must be in good academic standing.

How to Apply:
Anyone interested in this position must apply online by the closing date provided. To view job posting and apply online, enter the following into your web browser:
www.mta.info/mta/employment/ and click on the Long Island Rail Road hyperlink and agree to the Privacy Policy. If you have previously applied online for other positions, enter your User Name and Password. If it is your first registration, click on the CLICK HERE TO REGISTER hyperlink and enter a User Name and Password; then click on the REGISTER button.