



The LiRo Group

Client:

MTA - New York City Transit
2 Broadway
New York, NY 10004

Reference:

Mysore Nagaraja
Vice President & Chief
Engineer
646-252-4655

Total Project Cost:

\$45,000,000

Completion Date: 1999

Project Overview:

Construction management services which included developing detailed CPM schedules for the balance of work, conducting weekly foreman's meetings, recommendations for construction crew sizes, overtime, and shift work, expediting procurement items by coordinating the contractor, designer, and manufacturer and forecasting manpower by developing a manpower-loaded schedule for each trade. (MTA-NYCT, \$45M)

180th Street Bronx Subway Car Maintenance Facility Bronx, NY

The 180th Street facility is a 600-ft by 150-ft subway car maintenance building located at NYCT's 180th Street station. This full-service facility houses six tracks and includes a full range of cleaning, maintenance, and repair equipment, including overhead cranes, lubrication systems, pitted and posted tracks, an elevated stinger electrification system, and a freight elevator. The facility also contains administrative offices and locker rooms for NYCT personnel, and is equipped with a communications system and card-access security system.



LiRo's role was to help expedite the reconstruction of this facility. Extensive track and track signal work was required both inside and outside of the building. Tying the new track into the existing track signal and switch work was an essential component of construction.

LiRo services included:

- Developing detailed CPM schedules for the balance of work. Establishing critical milestones.
- Conducting weekly foreman's meetings.
- Recommendations for construction crew sizes, overtime, and shift work.
- Expediting procurement items by coordinating the contractor, designer, and manufacturer.
- Forecasting manpower by developing a manpower-loaded schedule for each trade.

In addition to features described above, construction at the facility included a central heating plant, power plant, HVAC, and extensive duct work. Because the facility is located adjacent to the Bronx Zoo, the construction work was managed to mitigate any adverse impacts.

