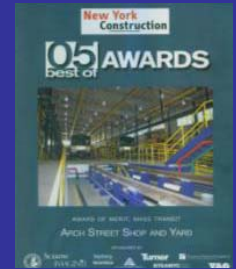




## LIRR Design/Build Services for the Arch Street Yard and Shop

The new 90,000 sq. ft. facility, Arch St. Yard and Shop is located on approximately twelve acres in Long Island City, New York. For this Design/Build project AG was responsible for the design and construction administration services for HVAC, plumbing and fire protection systems. The facility included the Maintenance Equipment Shop; Power Substation Building; Engineering Support Building; Extraordinary Interior Cleaning Platform and Storage Building; Trackwork and Third Rail; and extensive site utilities. The shop and yard was used as a testing and acceptance facility for the LIRR's new M-7 train cars and will now service as an inspection, maintenance and cleaning facility upon commencement of ESA revenue service.

Approximately 25 trains will be stored at the ESA Mid-Day Storage Yard (former Yard A) every weekday between the rush hours. The construction of a shop facility just west of this major new train storage yard will allow train to be cycled to and from the shop for inspection and repairs with minimal deadheading or down time. In addition, the Arch Street Yard complex includes a 900-foot-long high level center-island platform with full-length canopy to accommodate the scheduled periodic Extraordinary Interior Cleaning (EIC) of train cars.



**Location:**

Queens, NY

**Owner:**

LIRR

**Services Provided:**

Mechanical

Electrical

Plumbing

**Awards:**

2005 Best of New York Construction Awards

Award of Merit Mass Transit



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