



## NYCT Rehabilitation of the Blecker Street Station Lexington Avenue, Number 6 Line

AG, as a member of a multi-discipline team of architects and engineers, was responsible for the design of mechanical, electrical, and communication systems for the Blecker Street (IRT) and Broadway-Lafayette Street (IND) Stations Transfer Connection, Rehabilitation, and ADA Key Stations Project Expansion. The IRT station currently provides only southbound transfer to the IND line. The uptown platform is being extended 300 feet, and a stairwell and elevators added to link the extension to the IND platforms below. New ADA-approved elevators will provide street access to both lines at Crosby and Houston Streets, and four internal elevators will provide transfer between the lines. A separate street entrance will be added on Mulberry Street.

Reconstruction of the station included repairs to all systems, reconstruction of control areas, and relocation of major buried utilities. Extension of the IRT uptown platform involves replacing the tunnel wall; constructing a new platform, roof, and tunnel duct manhole; and re-supporting the IRT roof on the new platform roof. Excavation is necessary along an existing IRT tunnel box structure adjacent to an existing six-story building, garage, and giant billboard, which have foundations that must be deepened and stabilized. False walls will be erected to hide tunnel work from passengers. Construction should not interfere with train or utilities service.

### Location:

New York, NY

### Owner:

NYCT

### Services Provided:

Mechanical

Electrical

Communications



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