



## NYCT New Stair P-10 at the Grand Central Terminal 42nd Street Station

This task order was for the design of new stair P-10 to connect the southern end of the IRT Lexington Avenue Line downtown platform with the subway station's mezzanine level at the Lexington Avenue Subway Station located in Grand Central Terminal. The Pershing Building (125 Park Avenue) is located above this area of Grand Central Station and is supported by columns with transfer girders at the station roof level. The building's basement slab is constructed on fill, approximately 5 feet above the IRT platform roof.

AG as a Subconsultant to Ray Spofford & Thorndike performed the mechanical, electrical, and communication services for the project.

- Prepared mechanical drawings and specifications as required for the construction of the new stair. Removed one fan coil unit at the ceiling level of the platform. Cut and cap piping as required. Relocated piping as required to accommodate stair. Provided a sprinkler system for the concession area.
- Prepared electrical drawings and specifications as required for the construction of the new stair. Removed and relocated conduits as required to accommodate stair. Provided power to concession area in accordance with NYCT Concessions Guidelines.
- Prepared communication drawings and specifications as required for the construction of the new stair. Removed and relocated conduits as required to accommodate stair. Provided communication line to concession area in accordance with NYCT Concessions Guidelines.

AG provided additional Engineering design services which included the following: Finding & collecting archived drawings related to the water line and drainage, Site survey for water & sanitary lines, perform calculations, coordination with DEP, develop drawings, develop specs, CA phase services.



**A.G. CONSULTING ENGINEERING, PC**

**Location:**

New York, NY

**Owner:**

NYCT

**Services Provided:**

Mechanical

Electrical

Communications

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