



## NYCT 68th Street/Lexington Avenue Line Mod. 14

A.G. Consulting Engineering as a subconsultant to Urbahn Architects provided the following services:

### Communications

Main Head-end for system integration needed to be redesigned. NYCT standards called for analog CCTV equipment to be replaced with IP based design. The Panasonic based design was removed and replaced with Genetec Architecture design to be compatible with NYPB security. This required:

- Redesigned the CCTV cabinet for Genetec equipment. For example: Archive, Failover, Active directory servers, network switches.

### Electrical

- Removed and replaced water damaged electrical equipment in the Normal EDR including CT cabinet, service switch, DBN, ATS and DBNR with associated conduit, wiring and accessories in kind in the same location.
- The new incoming conduits from property line box to Normal EDR will be sealed and watertight.
- Investigated the existing conditions of property line box with Con Edison and NYCT.
- Replacement of the Property Line Box.
- Provide allowance of approximately \$40,000 for licensed electricians to test existing equipment.
- Provided electrical power for new lighting as per NYCT updated standards.
- Provided electrical power related to design for elevator work to meet updated NYCT standards.
- Relocate down wall heater in Reserve EDR.
- Re-designed Benning Power Plant as per new standards.

### **Location:**

New York, NY

### **Owner:**

NYCT

### **Services Provided:**

Communications

Electrical



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