



NYCT 68th Street/Lexington Avenue Line

Electrical, comms, security, temporary power

AG delivered communications engineering covering a redesign of the main head-end for system integration needs, and replaced analog CCTV equipment with IP based design, integrated with NYPB security measures designed and implemented by the global intelligence and security firm, Genetec. Deliverables included a redesign of the CCTV cabinet to accommodate equipment specified by Genetec; hardware such as archive storage, failover components, active directory servers, and network switches.

Additional requirements involved the ability to host head-end systems such as intercoms, Help Points, Liftnet and future telephone systems.

Electrical design imperatives included removal and replacement of water damaged electrical equipment in the Normal EDR, including CT cabinet, service switch, DBN, ATS, and DBNR with associated conduits, wiring and accessories in kind in the same location.

The new incoming conduits from property line box to Normal EDR were sealed and are watertight. AG further investigated the existing conditions of property line box with Con Edison and NYCT, and ultimately replaced the property line box.

After licensed electricians tested existing equipment on an allowance of approximately \$40,000, it was deemed necessary to provide electrical power for new lighting in accordance with updated NYCT standards, provide electrical power related to design for elevator work to meet updated NYCT standards, relocate one wall heater in Reserve EDR, and sizing and designing of the Benning power plant as per new standards.

AG also designed and provided for temporary electrical power to the station during the installation of infrastructure upgrades.



Location:
New York, NY

Owner:
NYC Transit

Client:
Dewberry / Urbahn
Architects JV

Completion Date:
Ongoing

Services Provided:
Electrical
Communications
Security
Temporary Power

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