



We can help.

TBTA RFK and Bronx-Whitestone Bridge Design-Build

Engineer of Record for Installation of an IESS and Fire Detection System

A.G. Consulting Engineering is Engineer of Record, providing design in Security/Communications, electrical, and HVAC design on contract BW-39/RK-60. AG's scope of work includes Access Control System using the existing Lenel based MTA B&T system. Design of an Electrical Power System includes redundant UPS design to power LAN panels across the span of both bridges. Arc flash study, short circuit study, protective device study was performed for new electrical equipment. In addition, AG provided new lighting and receptacles in the bridge towers, HVAC and electrical power upgrades required for the ISD communication rooms.

The Bronx Whitestone and Robert F. Kennedy Bridges are vital to the transportation infrastructure of New York. High quality design and first-rate execution of this Integrated Electronic Security System (IESS) and Fire Detection System project are thus critical to the economic wellbeing of the city.



Location:
Bronx, Manhattan, Queens, NY

Owner:
TBTA

Client:
Hellman Electric

Construction Cost:
\$73mm

Completion Date:
2017 - 2020

Services Provided:
Electrical
Security
Communications
Fire Detection

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AG's work is consistently delivered
on time and on budget