



NYCT Joralemon Tube

Design + inspections for flood mitigation + resiliency design

The Joralemon Tube is an East River conduit between Bowling Green Station (Manhattan) and Borough Hall station (Brooklyn)

After Sandy flooded the Joralemon Tube with highly corrosive saltwater, AG was tasked with designing the rehabilitation of the tunnel and additional electrical facilities, as well as the implementation of flood mitigation strategies for the long term.

The AG Team started with assessments. They gathered legacy documents and performed detailed field inspections of Joralemon tunnels, circuits breaker houses and substations to verify the scope.

Ultimately, the team delivered 100% construction documents for the restoration/replacement of storm damaged items and deficient conditions, as well as resiliency measures to limit damage to electrical equipment in the event of future natural disasters.



Location:
New York, NY

Owner:
NYC Transit

Client:
HNTB

Services Provided:
Mechanical Engineering
Electrical Engineering
Plumbing Engineering
Traction Power

A.G. Consulting Engineering, PC
131 W 33rd Street, Floor 12
New York, NY 10001
212-268-0950
agceng@agceng.com
www.agceng.com