

Harlem Line Express Cable Installation CM



Garg Consulting Services, Inc.

The Construction Management (CM) team is providing supervision and inspection services for construction of Express Cable Installation along 41.8 miles of the Harlem Line. It is anticipated that the construction supervision services for the project will be required for a period of twenty-eight (28) months. The southerly work limits for the project commences in the vicinity of Interlocking CP-112 (Harmon) and extends north to Interlocking CP-154 (Southeast). This project is part of a multi-phase replacement of the signal, signal power, and communications infrastructure for Metro-North's Harlem Line. The Contract Documents include construction of the new signal and communications express and local cable system to serve current and future communications and signal equipment locations.



Garg is providing inspection services to the CM team for various aspects of this project including:

- Oversight for the procurement, engineering, installation, and testing of direct-burial innerduct, fiber optic and copper cable, and related hardware, such as:
 - Installation of aerial cables and support poles.
 - Power manholes, communications pull boxes, and communication hand holes.
 - Communications cases.
 - Cable trough and conduits through interlockings and passenger stations.
 - Conduits crossing bridges.
 - Installation of duct banks and conduits under roads and railroad tracks.
- Performance and supervision of material tests – cables, concrete, etc.
- Coordination with stakeholders.
- Assessment of contractor personnel, safety, certifications, etc.
- Daily inspection reports.
- Ensuring a safe work environment.

Organization Name	Location	Project Duration			Dollar Amount	Prime/Sub-Consultant
		Contract Date	Start Year	Completion Year	Project Cost	Sub-Consultant
MNRR	Harmon to Brewster, NY	11/20/17	2017	2020	\$40 Million	Sub-Consultant