

Project Profile

Red Line S-Curve Rehabilitation. 23V



Year:
2013

Client:
Greater Cleveland Regional
Transit Authority

Location:
Cleveland, Ohio

Project Scope:

As the name implies, the track curves first in one direction, then the other, as it ascends from the West 98th Street Rapid Station to the West 117th Street Rapid Station. The S-Curve, part of the Windermere-to-Airport Red Line built in 1955, extends more than 3,000 feet. The work included:

- Cleaned the entire drainage system, and replaced portions of it.
- Replaced a slab that supports track at the west end of the curve was also replaced.
- Repaired and strengthened the retaining walls and a bridge abutment.
- Installed new rails, ties and ballast (the stones that support the ties) to ensure that the track is maintained, with periodic maintenance that does not interrupt service.
- Adjusted the overhead power system to best align with the new tracks.

Project Services:

QCI provided full-time inspection services for all phases of the work including trackwork inspection. Our inspectors observed the work of the contractor, wrote daily construction activity reports, tracked quantities and monitored all testing. They aided in resolving conflicts and acted as a liaison between the RTA Project Manager and the contractor to ensure all work met the contract documents.

Cost:
\$ 7 M