

Metro North Railroad 138/27 kV Substation Replacement at Bridge 23



PROJECT NAME: Metro North Railroad

PROJECT ADDRESS: Mount Vernon, NY

PROJECT DESCRIPTION:

NYPA/Metro North Railroad chose RCMT as the principal engineer/designer to perform a feasibility study, develop the conceptual design, and to provide the detailed engineering.

RCMT provided the conceptual design and layout, cost estimate, and design/procurement/construction schedule for the replacement of the Mount Vernon substation (Bridge-23) and the modification of existing switchgear at New Rochelle Substation (Bridge-61) and the addition of a new Breaker House at Pelham Station.

The Substation was designed to take advantage of the next generation of railroad car that has the capability of regenerative braking.

- Conceptual Design and Site Layout
- Scheduling and Cost Estimates
- Service Outage Coordination with Con Edison
- Procurement of Long Lead Items (Transformers, GI Breakers, 130kV Control House, 27kV Switchgear Enclosure, etc.)
- Engineering/Design/Construction Management

