

PROJECT DESCRIPTION

NYS Thruway Bridge over Genesee Valley Greenway



Location:
Chili, New York

Client:
Watts Engineers

Client Contact:
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View of Existing Bridge Over Genesee Greenway



The Genesee Valley Greenway at the site extends generally in a north-south direction and the Thruway extends generally in an east-west orientation. The Pennsylvania Railroad previously operated a railroad track along the Greenway alignment. Prior to the development of the railroad, the Genesee Valley Canal was operated along the alignment. The railroad reportedly was constructed on the towpath of the canal. This canal was a branch to the Erie Canal located north of the site.

View of Existing Piers

McMahon & Mann Consulting Engineers, P.C. (MMCE) worked with the project designer, Watts Engineers and prepared plans and specifications for this New York State Thruway Bridge Replacement. MMCE implemented a subsurface exploration program and prepared foundation recommendations for the new bridge abutments and piers.

Piles were selected to support the new abutments and piers due to the presence of deposits of organic peat and marl. The bridge replacement is currently under construction following the phased construction approach.