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**Project:** *Rehabilitation of Metro-North Railroad Bridge New Canaan Line over Connecticut Route 106*

**Location:** *New Canaan, Connecticut*

**Owner:** *Connecticut Department of Transportation*

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A.DiCesare Associates provided resident construction engineering services for the stabilization of all four embankments of an active New Canaan Branch Line railroad bridge. The Northwest, Northeast, and Southeast quadrants were excavated and gabion wall retaining structures constructed. The Southwest embankment was in danger of collapsing and undermining the track. The slope was first stabilized with a temporary gunite and soil-nail wall. Once stabilized eight rock sockets were drilled into the existing ledge rock and a soldier pile retaining wall constructed. Architectural form-liners were utilized to match the historic masonry abutments.

Services included continuous site inspections, daily reporting, surveying, measuring, and computation of quantities. This was accomplished while ensuring conformance with the plans, specifications, and maintenance and protection of traffic.

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*A.DiCesare Associates, P.C.*