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**Project:** *Rehabilitation of Metro-North Railroad Bridge  
Waterbury Branch line over the Sympaug Creek*  
**Location:** *Naugatuck, Connecticut*  
**Owner:** *Connecticut Department of Transportation*

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**A.DiCesare Associates provided resident construction engineering services for the rehabilitation of twin arch culvert carrying the Waterbury Branch line of the Metro-North Railroad over the Sympaug Creek. Sedimentation within the twin culvert was excavated to grade and corrugated aluminum plate arch liners were pulled into place. The annular space between the plate arch and the existing arch was pumped with grout to fill all voids. A new reinforced concrete head wall was constructed on the river side and tied back with ground anchors.**

**Services included continuous site inspections, daily reporting, surveying, measuring, and computation of quantities. All work was performed under confined space entry policies and procedures.**

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*A.DiCesare Associates, P.C.*