



Project: *Structural Integrity Inspection, Evaluation and Design for the Rehabilitation of Catenary Structures Along Metro-North Railroad - New Haven Commuter Line (Milepost 20 to 26)*

Location: *Mamaroneck to Port Chester , New York*

Owner: *MTA Metro-North Railroad*

A.DiCesare Associates performed the structural inspection and evaluation, including coating (painting) analysis, prioritization and rehabilitation design of 112 catenary structures and 22 pull-off poles along Metro-North’s New Haven Commuter Line. Catenary structures are vital components of the overhead electrification system along this portion of the Northeast Corridor. Data collection, inspection, and evaluation activities were performed by NACE Certified Coatings Inspectors and Professional Engineers trained in coatings technology, environmental compliance, worker safety and monitoring techniques during lead paint removal operations. Upon completion of inspection and prioritization, Conceptual, Preliminary and Final Design services were provided for rehabilitation and painting in order to extend the functional life of these structures.
