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**Project:** *Harlem River Lift Bridge*  
**Location:** *New York, NY*  
**Owner:** *Metro-North Railroad*

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Responsive to a major fire to the timber fender system protecting the river pier of the Harlem River Lift Bridge in New York City, Metro-North Railroad retained the professional services of A.DiCesare Associates to fast-track the reconstruction effort.

The project included a complete assessment of the fender system and pier through the performance of underwater and above water inspection services and documentation. The inspection included destructive means via extraction of timber cores, saw cutting of timber piles, and laboratory analysis.

Design services consisted of the development of reconstruction options, development of construction cost estimates, and time tables for the implementation of reconstruction efforts. Professional services maintained throughout the period of construction.

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*A.DiCesare Associates, P.C.*