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**Project:** *Underwater Inspection and Report for the  
Macombs Dam Bridge over the Harlem River*

**Location:** *New York, New York*

**Owner:** *New York City Department of Transportation*

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**A.DiCesare Associates, P.C. performed the underwater inspection, evaluation, and report preparation of the Macombs Dam (155<sup>th</sup> Street) Bridge over the Harlem River. Substructure units included bridge piers, fender system, and timber cribs with special emphasis on settlement of the fender system. Report prepared in conformance with NYCDOT & NYSDOT format including CADD drawings documenting inspection findings, as well as documentation of marine borer infestation.**

**All work performed in accordance with OSHA regulations utilizing a three-man dive crew, led by a Professional Engineer, NBIS certified Engineer/Diver and Diver/Tender, utilizing surface supplied air, continuous audio and video monitoring, as well as the policies, procedures, and specifications of the New York State Department of Transportation, NYC Harbor Patrol, US Coast Guard and Homeland Security.**

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