

On May 12, 2026, the Connecticut Society of Civil Engineers (CSCE) recognized recent civil engineering achievements in Connecticut at its 19th Annual Achievement in Civil Engineering (ACE) Awards ceremony at the Aqua Turf Club in Plantsville, CT. The 2026 ACE Award for Innovative Design was given to CTDOT, Clough Harbour and Associates, LLP, and Mohawk Northeast, Inc. for the Emergency Rehabilitation of the Commodore Isaac Hull Bridge.



This project highlights the first implementation of Ultra High-Performance Concrete (UHPC) to strengthen deteriorated steel gusset plates of a riveted steel truss. The application of this innovative material enabled the design and contractor team to implement the repair faster than traditional bolted steel plate repairs and with less impact to the travelling public. CHA worked collaboratively with the Connecticut Department of Transportation (CTDOT) and their contractor, Mohawk Northeast Inc., to design a first-of-its kind repair that could be implemented quickly while ensuring the safety, longevity, and strength of these critical steel gusset plates.



Completed UHPC Repair

