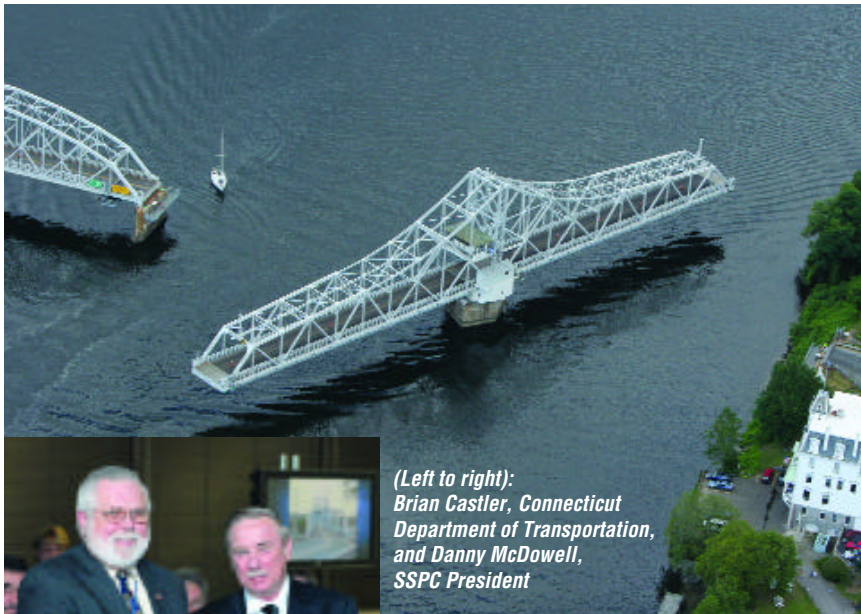


# SSPC Honors Structures for Excellence

PACE 2007 marked SSPC's first annual Structure Awards, given to teams of contractors, designers, end users, and other personnel for excellence on particular projects. SSPC Executive Director Bill Shoup announced the awards at the Annual Meeting held Sunday, February 11, and SSPC President Danny McDowell handed out the awards. Photos of the winning structures and representatives of the teams that completed the project are shown on these pages. Structures were from nominations that SSPC received in 2006–2007.

## *William Johnson Award: East Haddam Bridge*



*Named for the late consultant with KTA-Tator whose work in coatings formulation, failure analysis, and surface preparation was instrumental in advancing the industry, the William Johnson Award honors a single, recent, outstanding achievement demonstrating aesthetic merit in industrial coatings work.*

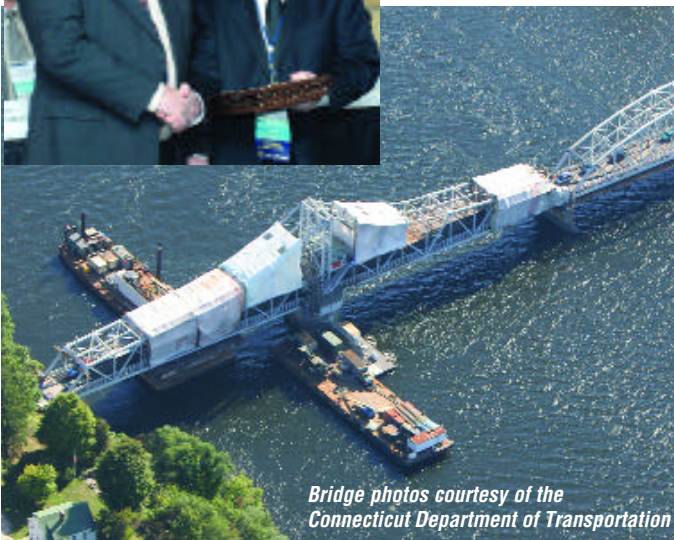
*When the coating began to deteriorate on Connecticut's East Haddam Bridge, Connecticut's Department of Transportation had to maintain a complex and historic bridge. Spanning the Connecticut River near East Haddam's Goodspeed Opera House, the bridge is a large pin-connected drawbridge designed by one of America's foremost bridge engineers. Alfred P. Boller (1840-1912) designed hundreds of large and complex bridges, including several New York City drawbridges. The East Haddam bridge incorporates numerous interesting technical features, including a center-bearing pivot and moving-wedge end lifts that support the ends of the bridge when closed. The large, riveted Pennsylvania-truss fixed span, at 328', is itself one of the longest trusses in the state. The piers*

*and approach roadways were designed by supervising engineer Edward W. Bush, who had been engineer-in-charge on the Bulkeley Bridge project in Hartford.*

*Painting of the fixed through-truss span, swing span, and west approach stringer span meant that approximately 193,000 sq ft of structural steel had to be painted along with 1,200 sq ft of mechanical equipment. Class 1 Containment and collection of surface debris was required, and a three-coat system was specified. The system, made by M.A.B., included the company's Ply-Tile epoxy organic zinc-rich primer, Ply-Mastic epoxy intermediate coat, and Ply-Thane 890 HS urethane. The system will protect the bridge and highlight its historic value.*

*Location: East Haddam  
Structure Owner: Connecticut Department of Transportation  
Contractor: P.S. Bruckel  
Material Supplier: M.A.B. Paints  
Start Date: June 2004  
Completion: June 2006*

*(Left to right):  
Brian Castler, Connecticut  
Department of Transportation,  
and Danny McDowell,  
SSPC President*



*Bridge photos courtesy of the  
Connecticut Department of Transportation*

## Crone Knoy Award: North Fork Water Treatment Plant



North Fork photos courtesy of the Sherwin-Williams Company

*Named after the late founder and president of Tank Industry Consultants, the Crone Knoy Award is intended to honor a single, recent, outstanding achievement in commercial coatings work that demonstrates innovation, durability, or utility.*

*Coatings on the North Fork Water Treatment Plant in Black Mountain, NC, had deteriorated badly. The existing coatings were removed from the substrate with 6,000-psi water jetting. The substrate was allowed to dry, and the contractor applied 2 coats at 6-7 mils DFT per coat of Sherwin-Williams SherCrete Flexible Concrete Waterproofing and a topcoat of Sher-Cryl HPA @ 2.5-4.0 mils DFT. The SherCrete material was used to provide protection of the substrate from external water intrusion while being resistant to water vapor transmission from the interior of the tank to the exterior. The Sher-Cryl HPA was applied as a gloss seal coat to provide improved cleaning from the surface of dirt, dust, and mildew growth as well as excellent color and gloss retention.*

*Location: Black Mountain, NC (Asheville, NC)  
Structure Owner: City of Asheville, NC  
Contractor: Carolina Management Team  
Material Supplier: The Sherwin-Williams Co.  
Start Date: June 2006  
Completion Date: August 2006*



**(Left to right): Brad Boris, supervisor of the North Fork Water Treatment Plant; Danny McDowell; Wendy Banks and David VanZee, Carolina Management Team; and Kevin Morris, corrosion specialist for the Sherwin-Williams Company**