



SPI Super Therm[®], Rust Grip[®], and Enamo Grip Coatings Selected for SSPC E. Crone Knoy Award

*Recognized for Innovative Coating Performance at
Hoover Dam Bypass Bridge – Colorado River Bridge*

KANSAS CITY, Feb. 1, 2011 – Superior Products International II, Inc. was recognized as the recipient of The Society for Protective Coatings (SSPC) 2011 E. Crone Knoy Award.

SPI earned the recognition for the performance of SUPER THERM[®], RUST GRIP[®], and ENAMO GRIP coatings at the Hoover Dam Bypass Bridge, also known as the Colorado River Bridge. Pacific United/Anco Services, Joliet, Ill., was also honored for its work as the applicator on the project.

After extensive testing, the SPI Coatings were selected for the railings surrounding the observation deck on the Bridge, which expects 3 to 5 million visitors each year. No other coatings could produce the level of corrosion protection, ease of application, and radiant heat reduction on the railings demonstrated by the SPI Coatings.



In submitting this project for recognition, Pacific United/Anco Services, a member of The Brock Group, said, “A very unique coating system was used on the project call Super Therm[®]. This product reflects 95% of radiation from the sun. That is why the Federal Highway Department chose this product. The extreme temperatures of the Arizona/Nevada desert averages 95 to 110 on most days, with UV exposure from the sun.”

SSPC gives the E. Crone Knoy Award annually for outstanding achievement in commercial or industrial coatings work that demonstrates innovation, durability or utility. Qualities considered include use of state-of-the-art techniques or products to creatively solve problems.

“We are thrilled to recognize these exceptional projects,” said JPCL editor-in-chief Karen Kapsanis, who presented the awards at SSPC’s first annual meeting and awards program at SSPC2011 in Las Vegas. “The range of craftsmanship, commitment and ingenuity displayed in these projects reflects the best of the best in our industry.”

SPI is a leader in corrosion protection and insulation coatings. Its coatings are used by companies and individuals throughout the world to reduce costs, save energy, and protect the environment in some of the most demanding applications and conditions.

Super Therm[®] and Rust Grip[®] are registered trademarks of Superior Products International II, Inc. SUPER THERM's ability to block the surface heat load into the metal railing is unique to the ceramic make up of this coating technology and why the award was issued to Superior Products International II, Inc.

For more information, contact
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E. Crone Knoy Award

for a single, recent, outstanding achievement in industrial or commercial coatings work that demonstrates innovation

Hoover Dam Bypass Bridge - Colorado River Bridge

Spans between Nevada and Arizona



Structure Owner: Federal Highway Administration

Contractor/Applicator: United/Anco Services - A Member of The Brock Group

Coating Material Suppliers: PPG Marine and Protective Coatings, and
Superior Products International (SPI)

January 31, 2011

Las Vegas, NV


President


Executive Director







Crone Knoy Award
Hoover Dam Bypass – Colorado River Bridge



Named for E. Crone Knoy, the late founder and president of Tank Industry Consultants, this award stands for coatings work that demonstrates innovation, durability, or utility. Qualities representing outstanding achievement may include excellence in craftsmanship or execution of work or the use of state-of-the-art techniques and products to creatively solve a problem or provide long-term service. This year's winner is the Hoover Dam Bypass-Colorado River Bridge.

For decades, the top of the Hoover Dam carried U.S. Highway 93—a two-lane stretch of road whose increased traffic, sharp curves, and post-911 vehicle inspections had created a safety and congestion problem in need of a solution.

The solution was the Hoover Dam Bypass Project, which eliminated having to drive over top of the dam. To move U.S. 93 traffic off the dam, the Colorado River Bridge was built approximately 1,500 feet south of the Hoover Dam, spanning the Black Canyon and sitting 900 feet high above the river. At 1,900 feet long and with an arch span of 1,060 feet, the U.S. Bureau of Reclamation says, it is the longest concrete arch in the Western Hemisphere, in addition to being the first concrete-steel composite arch bridge built in the U.S.

The scope of the project included coating the interior and exterior of the steel girders, spans, catwalks, tubs, bearing pads, and 67 handrail sections that were each 30 feet long. Spans were coated with a primer coat and two coats of urethane. Handrails were power-washed and spray-coated with a rust grip primer coat. They were then coated with a unique coating system that utilizes a heat dissipating material. This can lower the surface temperature of the handrails by 10% and reflect 95% of radiation from the sun, both important factors in the life of a substrate sitting in extreme desert temperatures and high UV sun exposure. Handrails also received clear and tinted enamel grip coatings.

Work was completed 900 feet over the Colorado River, with winds reaching 15 to 20 knots and temperatures rising over 100 F. There were no OSHA Recordable Incidents during the two-year painting work.

The Colorado River Bridge has been named the “Mike O’Callaghan-Pat Tillman Memorial Bridge.” O’Callaghan was formerly a Nevada governor and passed away in 2004. Tillman played for the Arizona Cardinals until leaving the NFL to join the Army. He was killed in Afghanistan in 2004.



Location: Spans the Colorado River between Nevada and Arizona

Structure Owner: Federal Highway Administration

Contractor/Applicator: United/Anco Services, Inc.

Coating Material Supplier: Superior Products International (SPI) and PPG Protective and Marine Coatings

Start Date: August 2008

Completion Date: October 2010



(l-r) Rodney McKnight, Operations Support, United/Anco Services; Shawn Nelson, Regional Manager West, PMC Marine Group, PPG; John Woods, Account Executive, Pacific Southwest Coatings, PPG Distributor; Bonnie Klamers, FHWA Structures Manager; Bruce Batinich, Dir. of Business Development, West Region, The Brock Group, United/Anco Services; and Craig Smith, Technical Director, Superior Products International. Photo courtesy of SSPC.