



**Clockwise from Bottom Left**  
Workers shot blasting surface; Preparing automated spray equipment for BDM application; A nearly completed approach slab

# REHABILITATION OF THE INTERSTATE 87 BRIDGE

Towns of Colonie & Halfmoon, NY



**Spray Robot**  
A worker monitors a spray robot applying 80 mils of BDM

In November of 2012 the first phase of the deck replacement on the Thaddeus Kosciuszko Bridge (“Twin Bridges”) carrying the I-87 over the Mohawk River began. The Interstate 87 is a key connecting route for commercial truck traffic, commuters, and long distance travelers, and receives over 100,000 vehicles per day.

**Project Information**  
Project Number: D262025  
Owner: NYS DOT  
Project Size: 70,342 SF

During this first phase, Eastern Bridge Works installed approximately 35,000 square feet of Bridge Preservation™ Bridge Deck Membrane and Aggregated Top Coat on the recently replaced southbound deck.

In May of 2013, the second phase of construction began, which involved the deck replacement of the northbound structure. Because this project was part of Governor Cuomo’s Driver’s First Initiative, which prioritizes the convenience of



**Tack Coat Application**  
The asphalt wear course can be installed on the waterproofing system in as little as one hour

motorists and ensures construction disruptions are minimal, Eastern Bridge Works decided to utilize automated spray equipment, which would help increase their application rates while ensuring proper installation of the Bridge Preservation™ waterproofing system. During this second phase, Eastern Bridge Works was able to install the roughly 35,000 square feet of remaining waterproofing in only four days.

Due in part to the high performance characteristics of the Bridge Preservation™ waterproofing system, “...It is estimated that the Twin Bridges will not need major rehabilitation for another 40 years.”<sup>1</sup>

<sup>1</sup> Bryan Viggiani. “Northway Twin Bridges Work to Restart on April 5”. New York State Department of Transportation. March 26, 2013. <<https://www.dot.ny.gov/portal/page/portal/news/press-releases/2013/2013-03-26>>



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