

CONCRETE NEWS YOU CAN USE

OF SPECIAL INTEREST:

- Express Sawcutter crews completed the installation of ASTC J246 with site mobilizations supporting the contractor's plan for deck turnover.
- Some deck sections sloped as much as 12 percent providing a challenge placing J246.

HOW CAN WE BE OF SERVICE TO YOU?

- Express Polymers, Inc., in addition to its line of superior products, provides our clients with solutions to design and construction problems.
- Contact us for the most advanced materials technology available for concrete repair and preservation including **10-Minute Concrete Mender** and **Radcon Formula #7**. We like to help. Give us a call today at 888.433.6922



We deliver concrete solutions!

Nelson R. Tonet, P.E.,
President

EXPRESS POLYMERS SUPPORTS MAJOR BRIDGE REFURBISHMENT

Express Polymers, Inc. was a partner in one of the fastest and most efficient bridge deck replacements in recent memory, which occurred on the New York City Tri-boro Bridge. The bridge is owned by the Tri-boro Bridge and Tunnel Authority and was rehabilitated under the watchful eye of Perini-Thunderbird contractors.

The major challenge in this project was to keep the heavy New York City traffic flowing. Fort Miller Bridge Co. provided pre-cast deck sections which were bolted in place on the deck and Express Polymers furnished and installed the joint sealant material, which effectively addressed the two major constraints on the project. First, there could be a variation in the seal dimensions by as much as 150%. Second, sections of the joint sealing had to be ready for traffic in minutes or major traffic delays would result. Express Polymers, Inc., utilizing ASTC J246-40D, readily handled the joint sealing.



J246 met all of the clients expectations for bond strength, fast setting for traffic return in minutes, and provided an additional benefit with no temperature constraints. Because it set quickly, traffic could keep moving and weather was less of a factor than with other types of materials. This installation supported the needs of Perini to get sections of the bridge back in service as

quickly as possible. And most importantly the traffic kept moving.

The teamwork, coordination, planning and selection of materials with Perini, Fort Miller Bridge, the TBTA and Express Polymers made this a most successful project.

EXPRESS POLYMERS' PORTFOLIO OF SUPERIOR PRODUCTS UTILIZED FOR FAST INSTALLATIONS

Joint sealing of concrete for highways, bridges, airports, parking decks or other applications can be readily addressed with excellent products from ASTC distributed by Express Polymers. This combined with the engineering and construction expertise

from Express Polymers and their sub-contractor Express Sawcutters provided the right combination for a successful joint sealant effort on the Tri-boro bridge. J246 is a pure polyurea that does not shrink or crack with excellent mechanical properties.

ASTC J246 has been used successfully on many bridge projects including Fort Miller installations in Pennsylvania and New York. ***If you need to seal your concrete joints or repair spalled edges why not use the best from Express Polymers.***