

A New York State—New York City Super-Slab® Pavement Repair Project



I-95 Pavement Restorations Contract TANE 06-21/D213514 New Rochelle, NY

Project Particulars

Owner: The New York State Thruway Authority

Traffic Count: 135,000 ADT

Work Window: 5 Hours (for two lanes) at night only

Type of Contract: Design, Bid, Build

Specification: NYS Thruway Special Specification

Type of Repair: Intermittent and continuous



The project included restoration of 7.2 miles of I-95, a heavily-traveled 6-lane interstate highway. Normal weight precast concrete Super-Slab® panels were used for full-depth replacement on the roadway and light-weight pre-cast concrete Super-Slab® for total replacement of the pavement on two earth-filled arch bridges. Work zone closures were generally limited to five night time hours during which two of three lanes could be closed for work. The penalty was severe for not opening all three lanes to highway traffic by 5:30 AM.

Slab Details

Slab Dimensions: 12' Wide (Nom.) X 8.9' Long (Avg.) X 9.75" thick.

Slab Area: 85,695 SF (1973 CM)

No. Slabs: 746 Normal Weight Concrete; 45 Light Weight Conc.

Surface Type: All slabs were single plane.



Slab Installation

Installation Dates: April 2007—June 2008

Months of Installation: 12

Production Rate: 8 slabs per night (avg.)



Project Participants

New York State Thruway Authority; Owner

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Baker Engineering & Energy; Designer

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ECCO III, Contractor

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The Fort Miller Co., Inc.; Precaster/Precast System Supplier

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**No cure time required before
opening slabs to traffic!**



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*Super-Slab® is protected under at least one of US Patent numbers; (6,607,329), (6,663,315), (6,709,192), (6,899,489), (6,962,462) and (7,004,674) and other U.S. and foreign patents pending. Super-Slab® is a registered US Trademark owned by The Fort Miller Co. Inc.