

A New Jersey DOT Super-Slab® Pavement Repair Project

I-295 Pavement Repair Contract #041043470 Burlington County, N J

Project Particulars

Owner: The New Jersey Department of Transportation

Traffic Count: 60,000 ADT

Work Window: 8 Hours (for two lanes) at night only

Type of Contract: Design, Bid, Build

Specification: Fort Miller Fabrication and Installation Standards

Type of Repair: Intermittent and continuous



The project included restoration of 5 miles of this 6-lane Interstate highway. Normal weight precast concrete Super-Slab® panels were used for full-depth replacement on the roadway. Work zone closures were generally limited to eight night-time hours during which two of three lanes could be closed for work. Fort Miller Super-Slab® was value-engineered into the project by the contractor when the lane closure work windows allowed by NJDOT provided insufficient time for the contractor to cure cast-in-place concrete.

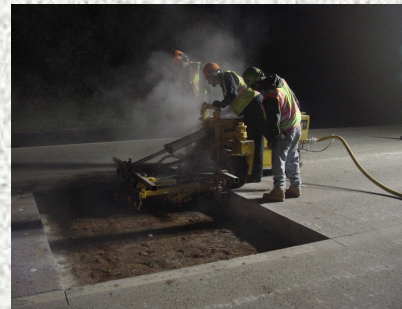
Slab Details

Slab Dimensions: 12' Wide x 10' Long (Avg.) X 8.75" thick

Slab Area: 30,395 SF (3,377 SY)

No. Slabs: 280

Surface Type: All slabs were single plane.



Slab Installation

Installation Dates: Summer/Fall 2007-Summer 2008

Months of Installation: 6

Production Rate: 8 slabs per night (avg.)

Project Participants

New Jersey Department of Transportation; Owner

Robert Blight, Materials Engineer; 609-530-4445;

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Mitri Hadid, Res. Engr.; 609-518-3170; mitri.hadid@dot.state.nj.us

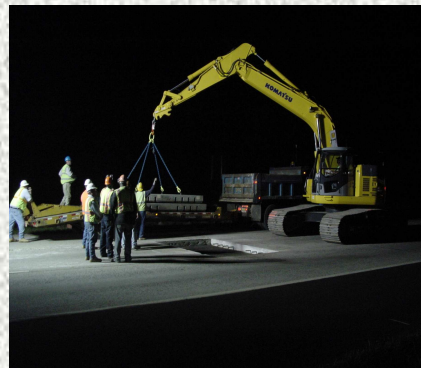
Gardner M. Bishop, Inc.; General Contractor

James Hannant; 914-948-6700

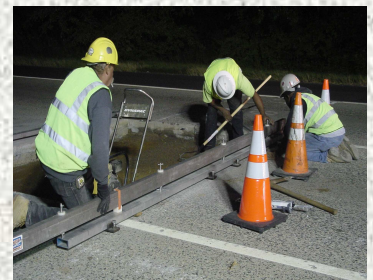
The Fort Miller Co., Inc.; Precaster / Precast System Supplier

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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.