

A New Jersey DOT Super-Slab® Pavement Repair Project

I-280 Pavement Repair Contract #006053070 Essex County, New Jersey

Project Particulars

Owner: The New Jersey Department of Transportation

Traffic Count: 50,000 ADT

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

Type of Contract: Design, Bid, Build

Specification: NJDOT (Temporary Addition to) Section 405

Type of Repair: Intermittent and continuous



The project included restoration of 8 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.

Slab Details

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

Slab Area: 34,277 SF (3,808 SY)

No. Slabs: 290

Surface Type: All slabs were single plane.



Slab Installation

Installation Dates: September, 2008–Summer 2009

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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Rakesh Patel, Res. Engr; 973-287-7705

Della Pello Paving, Inc. ; General Contractor

Ferreira Construction; Precast Installation Subcontractor

Gus Suracco; 908-482-0176; gus@ferreiraconstruction.com

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.