

A New Jersey DOT Super-Slab® Pavement Repair Project

NJ Route 42 Pavement Repair Contract #DP 08428 Camden & Gloucester Cty., NJ

Project Particulars

Owner: The New Jersey Department of Transportation

Traffic Count: 107,000 ADT

Work Window: 6 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 9.62 miles of this 6-lane state highway that is a major commuter thoroughfare in and out of Philadelphia from southern New Jersey. Normal weight precast concrete Super-Slab® panels were used for full-depth replacement on the roadway. Work zone closures were generally limited to six night-time hours during which two of three lanes could be closed for work. Despite the short work windows, the contractor regularly installed 10 slabs per night in intermittent repair areas.

Slab Details

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

Slab Area: 73,280 SF (8142 SY)

No. Slabs: 703

Surface Type: All slabs were single plane.

Slab Installation

Installation Dates: Summer / Fall, 2009

Months of Installation: 5- 1/2

Production Rate: 8 -10 slabs per night (avg.)

Project Participants

New Jersey Department of Transportation; Owner

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

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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.