

An Illinois State Toll Highway Authority Super-Slab® Pavement Repair Project



I-88 Reconstruction Contract I-06-5516 Oak Brook, Illinois

Project Particulars

Owner: The Illinois State Toll Highway Authority

Traffic Count: 145,000 ADT

Work Window: Weekend Closures

Type of Contract: Design, Bid, Build

Specification: ISTHA Generic Specification

Type of Repair: Continuous



The project consisted of installation of precast slabs at two locations to permit rapid traffic switchover after mainline and ramp paving was cast-in-place. The mainline stretch was 144 LF (13 flat slabs) and the ramp stretch was 113 LF (9 warped slabs). Both areas were installed during weekend closures while traffic was detoured.

Slab Details

Slab Dimensions: 16' wide X 11' long X 13" thick (13 planar slabs)

18' wide X 12'-7" long X 13" thick (9 warped slabs)

Slab Area: 4,338SF (482 SY)

No. Slabs: 22

Surface Type: Warped and Planar

Slab Installation

Installation Dates: 2 weekends; May and August, 2008

Production Rate: 11 slabs per day (avg.)



Project Participants

Illinois State Toll Highway Authority; Owner

Steve Gillen; 630-241-6800; sgillen@getipass.com

HDR Engineering; Engineer

FHP Tectonics; General Contractor

Scott Bowden; 847-561-3810; sbowden@fhpaschen.com

Utility Concrete Products, Inc.; Precaster

Becky Talarico; 815-416-0900; becky@utilityconcrete.com

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

Peter Smith, P.E.; 518-695-5000; psmith@fmgroup.com

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No cure time required before opening slabs to traffic!



The Fort Miller Co., Inc.

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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.