

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

I-294 Emergency Repairs Contract I-06-5385 Justice, Illinois

Project Particulars

Owner: The Illinois State Toll Highway Authority
Traffic Count: 140,000 ADT
Work Window: 8 Hours (for two lanes) at night only
Type of Contract: Design, Bid, Build
Specification: ISTHA Generic Specification
Type of Repair: Continuous



The project consisted of emergency pavement repairs to a gore area (between two travelled lanes) that had broken up and had become a danger to the travelling public. Slabs were installed in extreme cold weather and required special ground-thawing equipment for heating the slabs to cure the dowel grout and bedding grout.

Slab Details

Slab Dimensions: 12' Wide (Nom.) X 12'-5" Long (Avg.) X 12" thick
Slab Area: 2,672 SF (297 SY)
No. Slabs: 18
Surface Type: Warped and Planar



Slab Installation

Installation Dates: November and December, 2008
Months of Installation: 1
Production Rate: 8 slabs per night (avg.)



Project Participants

Illinois State Toll Highway Authority; Owner

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

Wight Engineering; Engineer

Craig Chambers, PE; 630-969-7000; cchambers@wightco.com

Chicago Structures, Inc.; General Contractor

Glen Esche; 847-670-5534; chicagostructures@sbcglobal.net

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!**



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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.