

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



## Trial Installation ISTHA M-2 Maintenance Yard Oak Brook, Illinois

### Project Particulars

**Owner:** The Illinois State Toll Highway Authority

**Traffic Count:** Off System

**Work Window:** Daytime

**Type of Contract:** Trial Installation for Acceptance on  
Approved List

**Specification:** ISTHA Generic Specification



The Illinois State Toll Highway generic specification requires that any precast system supplier desiring inclusion on the Tollway-approved list for precast concrete pavement slab systems must develop standard fabrication and installation details, perform a trial installation to demonstrate the system, and achieve a minimum of 70% load transfer efficiency (LTE) through Falling Weight Deflectometer testing. The Fort Miller Super Slab® system completed all these requirements, attained an average of 92% LTE and was placed on the Tollway approved list for pavement repairs and replacement on October 3, 2007.

### Slab Details

**Slab Dimensions:** 12' Wide X 16' Long X 12" thick

**Slab Area:** 768 SF (85.3 SY)

**No. Slabs:** 4

**Surface Type:** Planar

### Slab Installation

**Installation Dates:** September, 2007

**Production Rate:** 1 day for grading and prep, 1 day for installation, 1 for grouting



### Project Participants

#### Illinois State Toll Highway Authority; Owner

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

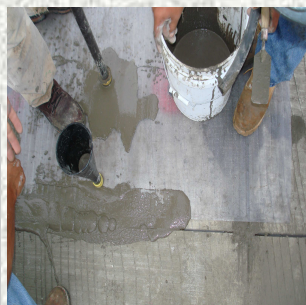
#### Wieser Concrete Products, Inc.; Precaster

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#### The Fort Miller Co., Inc.; 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.