

# A Ministry of Transportation, Quebec Super-Slab® Pavement Repair Project



## Autoroute 13 Contract MTQ 8401-07-0901 Laval, Quebec, Canada

### Project Particulars

**Owner:** The Ministry of Transportation, Quebec

**Traffic Count:** 90,000 ADT, 8.5% trucks

**Work Window:** Weekend Closure

**Type of Contract:** Design, Bid, Build

**Specification:** Fort Miller Fabrication and Installation Standards

**Type of Repair:** Continuous



The project consisted of two three-lane bridge approaches. The 193 individual slabs were installed between slip-formed sections of new highway and two existing bridges. Normal weight precast concrete Super-Slab® panels were used for full-depth replacement on the roadway. Work was completed during four separate weekends while traffic was detoured to the other side of the divided highway. High-production dual-slope Supergrading was done using a laser-guided Somero S-240.

### Slab Details

**Slab Dimensions:** 4.18M Wide (Avg.) X 3.5M Long (Avg.) X 265mm and 400mm thick.

**Slab Area:** 31,000 SF (2,880 SM)

**No. Slabs:** 193

**Surface Type:** All slabs were single plane.

### Slab Installation

**Installation Dates:** July–September, 2008

**Months of Installation:** Four separate weekends

**Production Rate:** 58 slabs/day

### Project Participants

#### Ministry of Transportation, Quebec; Owner

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#### Genivar; Design Engineer

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#### GTS; General Contractor

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#### Schokbeton; Precaster and Precast Installation Contractor

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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!**



#### 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.