

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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Schokbeton; Precaster and Precast Installation Contractor

Ben Fradet;

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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.