

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



Autoroute 427 Rehabilitation Contract MTO 2008-2003 Toronto, Ontario, Canada

Project Particulars

Owner: The Ministry of Transportation, Ontario

Traffic Count: 325,000 ADT

Work Window: 8-Hour Night-time Closure

Type of Contract: Design, Bid, Build

Specification: Ontario Ministry of Transportation Special Provision

Type of Repair: Continuous and Intermittent



The project consisted of both intermittent and continuous repair on several areas of the QEW-427NB ramp and 427 NB Express route mainline. Normal-weight precast concrete Super-Slab® panels were used for full-depth replacement.

Slab Details

Slab Dimensions: 3.66M Wide (Avg.) X 3.5M Long (Avg.) X 215mm thick

Slab Area: 30,000 SF (2,793.1 SM)

No. Slabs: 240

Surface Type: All slabs were single plane

Slab Installation

Installation Dates: Fall, 2008 & Summer, 2009

Months of Installation: 2

Production Rate: 10 slabs/night (average)

Project Participants

Ministry of Transportation, Ontario; Owner

Becca Lane, P.Eng.; 416-235-3513; becca.lane@mto.gov.on.ca

URS; Design Engineer

Brennan Paving; General Contractor

Chris Ryell; 905-475-6660; cryell@millergroup.ca

Durisol, Inc.; Precaster

John Broadhead; 905-521-0999; jbbroadhead@durisol.com

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.