

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

Autoroute 427 Rehabilitation Contract MTO 2007-2028 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 427 SB Express route mainline. Normal-weight precast concrete Super-Slab® panels were used for full-depth replacement. Traffic was detoured onto the parallel collector road to allow access to all 3 of the Express lanes during the night-time closure.

Slab Details

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

Slab Area: 15,150 SF (1,408 SM)

No. Slabs: 115

Surface Type: All slabs were single plane

Slab Installation

Installation Dates: October, 2008

Months of Installation: 1

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

Dufferin Construction Company; General Contractor

Lawrence Rigatti; 905-842-2741;

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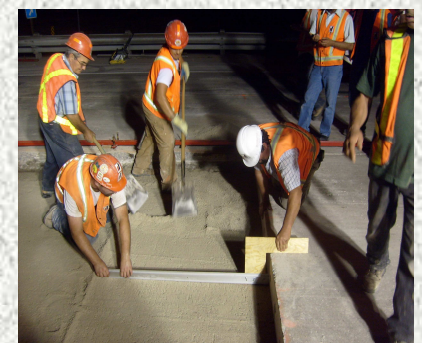
Durisol, Inc.; Precaster

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!



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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.