

A FORT MILLER CO., INC. PRODUCT

SUPER SLAB®

The fastest and
most widely-used
precast pavement
system.



Faster:

- No Field Cure Time
- Use It Immediately

Longer Lasting:

- Heavy-Vehicle-Simulator-Tested
- 50 Year Estimated Life

Super-Slab® and the Super-Slab® Forming Systems are protected under at least one of U.S. Patent numbers; 6,607,329 B2, 6,663,315, 6,709,192, 6,899,489, 6,962,462 and 7,004,674 and 7,467,776 B2; Canadian Patent number 2,413,610, 2,525,264, 2,584,721 and other foreign patents pending.

Super-Slab® is a registered U.S. Trademark owned by The Fort Miller Co., Inc.

It is now possible to replace entire mainlines, ramps

The Super-Slab® System places precast slabs directly upon a fully engineered subgrade surface that provides nearly complete slab support immediately upon installation. After the slabs have been placed, they are structurally interlocked with a unique grouted load transfer system. Complete slab support is achieved when bedding grout is pumped into a bedding grout distribution system that is cast into the bottom of the slabs.

Super-Slab® is used for continuous and intermittent pavement replacement. Slabs are precisely cast to fit curved and superelevated geometry specific to each location. This feature makes it possible to replace entire mainlines, ramps, intersections and even crosswalks in a series of 8 hour (or less) roadway closures.

Fort Miller provides the engineering, specialized forming and grading equipment and on-site installation training required to make this happen in your state.



Dovetail-shaped slots cast into the bottom of the slabs allow them to be placed over dowels and tie bars protruding from previously-placed slabs

(right) Super-Slab® panels were used to replace deteriorated concrete pavement, directly in front of the Lincoln Tunnel entrance in a matter of hours during a series of weekend work closures



ops, toll plazas and even intersections...overnight!

System Features:

- Precision Slabs
 - Accurate to 1/8" ±
- Engineered Subgrade and Pavement Surfaces
 - Three-Dimensionally Correct and accurate to 1/8" ±
- Bottom-of-the Slab Structural Interlock
 - Standard Dowels and Tie Bars
- Cast-in Bedding Grout Distribution System
 - Insures Complete Slab Support

Applications:

- Continuous Mainline Pavement
- Intermittent Repair
- Three-Dimensional Ramps
- Intersections
- Bridge Approach Slabs
- Toll Booths
- Utility Cuts

Pavement Life:

- Manufactured and Cured in a Controlled Environment
- Excellent FWD Results
- Heavy Vehicle Simulator Tested
 - 4.3 Million Cycles
 - 143 Million ESALS
- In service since 2001

Fort Miller Provides:

- Project Design Support
- Engineered Shop Drawings
- Precision Forming and Grading Equipment
- Precaster and Contractor Training
- On-Site Technical Assistance

Precision Grading Equipment



(left) laser-controlled skid steer for large scale supergrading



(above) Hand Operated Graders (H.O.G.) for small scale supergrading

Bottom-of-the-Slab Dowels and Slots



Cast-in Bedding Grout Distribution System



Three-Dimensional Grading and Slabs



Warped slabs (above) are required for three-dimensional highway surfaces



OVER 31 LANE MILES (16,000+ SLABS) IN PLACE

Intermittent Mainline



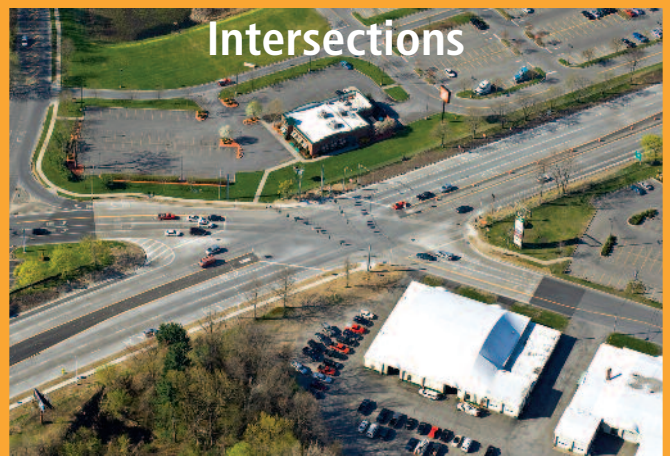
Continuous Mainline



Ramps



Intersections



Fully Tested



The Super Slab® technology is made available throughout the United States and Canada by The Fort Miller Co., Inc. Engineering and specialized equipment are provided by The Fort Miller Co., Slabs are manufactured by local precasters licensed by The Fort Miller Co., Inc.

FORT MILLER
THE FORT MILLER CO., INC.



*Precast Concrete
Solutions*



SUPER-SLAB®

P.O. Box 98, Schuylerville, New York 12871 • Telephone: 518.695.5000 • Fax: 518.695.4970

www.fortmiller.com