116 Radcliffe Road
Belmont, MA 02478

The Precast/Prestressed Concrete Institute Northeast
hosts an

Accelerated Bridge Construction Workshop

Sponsored By	Supported By
RC Resource Center U.S. Department of Transportation Federal Highway Administration New York State Department of Transportation Rhode Island Department of Transportation Mass Highway Department New Hampshire Department of Transportation VTrans, Vermont Agency of Transportation	Blakeslee Prestress, Inc., Branford, CT Coreslab Structures, Thomaston, CT J. P. Carrara & Sons, Inc., Middlebury, VT Northeast Concrete Products, Plainville, MA. Old Castle Precast Inc., S. Bethlehem, NY

Dates and Locations

April 7, 2004 9:00 -12:00 Noon
New York State DOT
Room 112 Building 5
Washington Ave. Campus
Albany, NY

April 12, 2004 1:00 - 4:00 PM
Rhode Island Dept. of Health
Cannon Building
Health Policy Forum Room
3 Capitol Hill
Providence, RI

April 13, 2004 9:00 - 12:00 Noon
Mass Highway Department
Conference Room # 2 & 3 Second Fl.
10 Park Plaza
Boston, MA

May 5, 2004 9:00 - 12:00 Noon
New Hampshire DOT
John O. Morton Building
Hazen Drive
Concord, NH

May 6, 2004 9:00 - 12:00 Noon
VTrans
One National Life Drive
Room MD North and South
Montpelier, VT

June 3, 2004 1:00 - 4:00 PM
Maine DOT
Room 216
Transportation Building
Child Street
Augusta, ME

Continuing Education Units

Program Outline

The Federal Highway Administration is encouraging the use of innovative technologies and techniques to accelerate the construction of major highway projects. The main goals are to minimize traffic impact, improve construction zone safety, reduce user delays, increase quality, lower life cycle costs, and reduce community disruption. This workshop will focus on prefabricated precast bridge elements and systems to meet this initiative.

Registration 8:30 - 9:00 AM Program 9:00 - 12:00
RIDOT& MEDOT Registration 12:30- 1:00 PM Program 1:00 - 4:00 PM

Precast Substructure Design - Alvin Ericson, Technical Consultant

This talk will focus on the detailing of precast concrete piers and abutments based on cast-in-place design theory using new provisions for precast design and reinforcing bar couplers in the 2002 ACI 318 and AASHTO codes. Several examples of bridge projects with piers, abutments will be described.

Precast Full Depth Deck Panels- Michael Culmo, CME Associates

Full Depth Precast Deck Panels offer exceptional advantages in schedule and quality for new deck construction or replacement. Deck panels reduce the time associated with building and casting decks out in the field. Panels are done offsite in a controlled environment without affecting traffic. PCINE's Design Guidelines will be presented.

NHDOT's Rapid Bridge Project - Peter Stamnas, NHDOT

This segment will provide a general overview of the region's first totally precast concrete medium-span length bridge proposed for construction utilizing rapid construction techniques. Insight on bidding concepts, cost containment and lessons learned by the state will be discussed.

Standardization of Details - Pete Stamnas-NHDOT, Rita Seraderian-PCI

Development of regional standards for use on rapid bridge construction projects is a current focal point of PCINE. Draft standards for abutments, developed for use on the Epping project, will be discussed as well as future plans for component standardization.

Registration Information

Registration

Register online at www.pcine.org

Please check the location you are attending:

_ **April 7, 2004 NYSDOT**
_ **April 12, 2004 RIDOT**
_ **April 13, 2004 Mass Highway**
_ **May 5, 2004 NHDOT**
_ **May 6, 2004 VTrans**
_ **June 3, 2004 MEDOT**

Fee: $ 65.00
Make Checks Payable to PCI and return to:

Name: _____

_____

Company: _____

Address: _____

State: ___ **Zip:** _____ **EMAIL:** _____

Please include your email address so that a confirmation can be sent.