



Precast/Prestressed Concrete Institute Northeast

116 Radcliffe Road, Belmont, MA 02478 617-484-0506 www.pcine.org

Spring Workshop

**Best Practices for Precast Concrete Bridge Construction
Influence of Design Considerations on the Fabrication and Installation of Precast
Concrete Bridge Elements and Systems**

New York State Department of Transportation

April 30, 2019 - 10:00 am to 2:45 pm

50 Wolf Road Albany, NY

(Lunch on your own)

Space is limited to one consultant per design office. We will start a wait list once registration is full. Register at Eventbrite:

<https://www.eventbrite.com/e/pcine-best-practice-workshop-tickets-57012354487>

Presenters:

Michael P. Culmo, PE - Chief Technical Officer

CME Associates, Inc.; 101 East River Drive, East Hartford, CT 06108

Benjamin L. Cota, EIT – Precast/Prestressed Concrete Specialist

GCP Applied Technologies; 13 West Street Road; Fairfield, VT 05455

Rita Seraderian, PE – Executive Director

Precast Prestress Concrete Institute Northeast; 116 Radcliffe Road; Belmont, MA 02478

Workshop is accredited for 4 PDH hours.

This workshop will cover many aspects of Design, Fabrication and Construction using precast bridge systems. The intent is to provide best practices on the decision making process when specify precast elements. This covers strategies for design, fabrication and construction that will result in less issues and a more effective solution.

10:00 – 10:20	Welcome & Introductions to PCINE & Website Resources
10:20 – 11:30	Precast Superstructures <ul style="list-style-type: none"> • Box Beams and Deck Beams • PBU's • Partial Depth Deck Panels • NEBT • NEDBT Girders • NEXT Beams • Full Depth Deck Panels • Project Case Studies
11:30 – 12:30	Design and Fabrication <ul style="list-style-type: none"> • Straight Strand Design versus Draped Strand • Beam Reinforcement Details • Skewed Elements - Production and Design Issues • Continuity Reinforcement Detailing • Storage, Shipping and Handling • End Stress Analysis and Detailing • Closure Joints for ABC projects • Precast Substructures
1:15 – 1:45	Decked Precast Superstructures <ul style="list-style-type: none"> • Camber and Profile Management
1:45 – 2:45	Project Coordination <ul style="list-style-type: none"> • Tolerances • Resolution of Non-Conformances • Q/A