

# Free CPCI Webinar

## Accelerated Bridge Construction (ABC) Using Prefabricated Precast Concrete

March 25, 2025 at 1:00 pm (EST)



CANADIAN PRECAST/PRESTRESSED CONCRETE INSTITUTE  
INSTITUT CANADIEN DU BÉTON PRÉFABRIQUÉ ET PRÉCONTRAIT

Presented by: **Mike P. Culmo**  
Chief Bridge Engineer at CHA Consulting, Inc.

**Join us on March 25th at 1:00 pm (EST) for an insightful webinar on Accelerated Bridge Construction (ABC) Using Prefabricated Precast Concrete.**

ABC is an innovative construction method that offers **more practical and cost-effective solutions** than conventional techniques. By accelerating the construction schedule, ABC minimizes traffic disruptions, enhances safety, and reduces environmental impact. When combined with precast concrete, ABC also improves **durability and long-term performance**.

In this webinar, **Mike P. Culmo, Chief Bridge Engineer at CHA Consulting, Inc.**, will explore the benefits of ABC and introduce some of the most commonly used ABC technologies. He will also discuss the **development of the United States National ABC guide** and share **valuable ABC-related resources** available for designers and engineers.

The session will conclude with a **live Q&A**, where you'll have the opportunity to ask questions and gain insights directly from an industry expert.

**REGISTER FOR THIS WEBINAR TODAY!**



## The webinar will cover the following topics:

- ▶ Prefabrication and ABC: Benefits and History
- ▶ Common ABC Technologies
- ▶ Development of a National ABC Guide (Specification)
- ▶ Estimating ABC Cost and Time
- ▶ Available Resources and Information

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## Participants will learn about:

- ▶ Advanced techniques to build bridges quickly and efficiently,
- ▶ Methods of prefabricating bridge elements off-site and innovative structural designs,
- ▶ Streamlined project planning and how to reduce project timelines and costs while maintaining safety standards,
- ▶ Strategies to minimize traffic disruption during construction,
- ▶ And more!

**Don't miss this chance to expand your knowledge of ABC and precast concrete solutions!**



**Register today!**

For more information, please contact CPCI at: [info@cpci.ca](mailto:info@cpci.ca).



## About the Presenter:

### Michael P. Culmo

Chief Bridge Engineer, CHA Consulting, Inc.



Michael P. Culmo specializes in structural engineering and has over four decades of experience, including roadway and bridge design. He is a nationally recognized expert in Accelerated Bridge Construction (ABC) in the US. He has spent nearly two decades of his career researching, developing, and promoting ABC technologies worldwide. He regularly collaborates with state Departments of Transportation, federal transportation agencies, and academia to develop practical guidelines and standards for ABC.

Michael Culmo is recognized for his outstanding contributions to the field of bridge engineering. His notable achievements include developing and researching Accelerated Bridge Construction (ABC) technologies and ultra-high-performance concrete, being the principal author of the 2018 AASHTO LRFD Guide Specifications for ABC, and championing bridge research across the US. Michael is a registered Professional Engineer in 13 US States.

## Continuing Education

Upon completion, participants will receive a certificate to qualify for Professional Development Hours (PDH) and/or Continuing Education Units (CEUs)/Continuing Education Credits (CECs).



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