



2020 PROCEEDINGS

OCTOBER 19-23, 2020
Virtual Convention

For more information, please visit post-tensioning.org.

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2020 Technical Sessions

Links to the technical session presentations are available from the following pages. Navigate to the session of interest and select “presentation” to view the session PowerPoint or select “video” to view the session recording.

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JOIN A COMMITTEE!

PTI Committees are recognized for providing widely accepted standards of practice for nearly every facet of post-tensioning thanks to the participation of professionals across the industry. Help shape the codes and standards of the concrete industry and join a committee!

If you are interested in joining a committee, please visit [post-tensioning.org/committees/joinacommittee](https://www.post-tensioning.org/committees/joinacommittee) and fill out the online application.

Technical Sessions

25 Beacon – Value Added Structural Conversion using PT

Srinivasan Neelamegam, CCL

This presentation discusses the post-tensioned slab system that provided temporary structural support to 25 Beacon (Six and Seven Mount Vernon Place), two townhouses located in the historic Beacon Hill area of Boston. The post-tensioned slab provided the strength to permanently support the structure above and facilitate wider spans below, enabling significant cost and logistical savings.

[Video](#) | [Presentation](#)

10 Things Your Lawyer Won't Tell You (But Should)

Alex Barthet, The Barthet Firm

This presentation discusses specific strategies construction business owners can implement to better manage outside legal counsel. This course will provide contractors, subcontractors and design professionals with practical information on what to ask to expect from their lawyer.

[Video](#) | [Presentation](#)

In-Place Strength Measurement in Post-Tension Application Using The Maturity Method

Icaro Mariani, Giatec Scientific

The maturity method allows for faster and safer construction and provides a lot of advantages over regular field-cured cylinder testing. This presentation will cover the main benefits of using the maturity method in post-tension projects, specific considerations for using maturity in post-tension applications, and some case studies.

[Video](#) | [Presentation](#)

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Technical Sessions

Analysis of the PT Anchorage Zone by the Finite Element Method (FEM)

Fábio Albino de Souza, INAEP

In this work we sought to emphasize the behavior of the anchor plate and the stress flow in which an anchor plate (post-tensioning) with one strand was modeled by the finite element method (FEM) using Solidworks software. The results showed critical points where recommendations were made for a good behavior of the anchorage zones improving the safety of the project and avoiding problems in the initial stressing of the strand.

Video | Presentation

Code Outlook 2020 (ACI 318-T and ACI 320)

Andrea Schokker, University of Minnesota Duluth

This presentation will describe the role of a companion code such as ACI/PTI 320, and summarize the code development plan for the 2025 cycle. Additionally, the presentation will explain how new provisions are handled and describe the role of PTI input into 320 code development.

Video | Presentation

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PDH Tracker Form

2020 Pti Virtual Convention			
PDH Tracking Form			
Monday, October 19, 2020			
8:00 am - 8:00 pm	870-808-00-00	Member Training Joint Task Group	2 PDHs
9:00 am - 8:00 pm	870-808-00-00	Professional Ethics & Risk Action Committee	2 PDHs
8:00 pm - 8:00 pm	870-808-00-00	Education Task Group	2 PDHs
8:00 pm - 8:00 pm	870-808-00-00	Industry Committee	2 PDHs
8:00 pm - 8:00 pm	870-808-00-00	Risk Management	2 PDHs
Tuesday, October 20, 2020			
8:00 am - 8:00 pm	870-808-00-00	Global Hazard Bridge Committee	4 PDHs
8:00 am - 12:00 pm	870-808-00-00	National Session #1: 20 Minutes	0.5 PDHs
11:15 am - 12:00 pm	870-808-00-00	National Session #2: 15 Minutes	0.5 PDHs
12:00 pm - 8:00 pm	870-808-00-00	Building Design Committee	4 PDHs
1:00 pm - 8:00 pm	870-808-00-00	Bridge Inspection Committee	2 PDHs
2:00 pm - 8:00 pm	870-808-00-00	Construction, Unfinished Section Professional Committee	2 PDHs
2:00 pm - 8:00 pm	870-808-00-00	Construction, Unfinished Section Policy Committee	2 PDHs
6:00 pm - 8:00 pm	870-808-00-00	Healthy Education Committee	2 PDHs
Wednesday, October 21, 2020			
8:00 am - 8:00 pm	870-808-00-00	Professional Session #3: 15 Minutes	0.5 PDHs
12:00 pm - 2:00 pm	870-808-00-00	Performance Based Specification Task Group	2 PDHs
1:00 pm - 2:00 pm	870-808-00-00	Construction of Bridges Application Working Committee	2 PDHs
2:00 pm - 2:00 pm	870-808-00-00	Member Code Task Group	2 PDHs
8:00 am - 8:00 pm	870-808-00-00	Bridge Inspection	2 PDHs
2:00 pm - 8:00 pm	870-808-00-00	Unfinished Section Committee	4 PDHs
6:00 pm - 8:00 pm	870-808-00-00	Bridge Design Committee	2 PDHs
6:00 pm - 8:00 pm	870-808-00-00	Member Registration & Membership Committee	2 PDHs
6:00 pm - 8:00 pm	870-808-00-00	Construction, Multistage & Unfinished PF Professional Committee	2 PDHs
Thursday, October 22, 2020			
8:00 am - 11:00 am	870-808-00-00	National Session #4: Code Update 2020	0.5 PDHs
11:15 am - 12:00 pm	870-808-00-00	National Session #5: 10 Minutes New Member Action Update	0.5 PDHs
12:00 pm - 2:00 pm	870-808-00-00	Construction, Unfinished PF Professional, Registration, & Membership	2 PDHs
1:00 pm - 2:00 pm	870-808-00-00	Construction, Unfinished PF Professional Committee	2 PDHs
2:00 pm - 8:00 pm	870-808-00-00	Construction Industry Board (CIB)	4 PDHs
2:00 pm - 8:00 pm	870-808-00-00	National Advisory Board (NAB)	4 PDHs
Name: _____ Address: _____ City, State, Zip Code: _____ E-mail Address: _____ Please print and complete the spaces and/or initials as marked above for a total of _____ PDHs. Signature: _____ Date: _____			
Return form to: Michelle Stern, michelle.stern@pti-ensuring.org or fax to (248) 848-3181.			

PDF Version

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Sponsors

re-longation

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Upcoming PTI Events

STRENGTHEN YOUR KNOWLEDGE

Join leading authorities at are upcoming annual events to continue strengthening the post-tensioning industry.



COMMITTEE
DAYS

October 4-7, 2022 | Cancun, Mexico



POST-TENSIONING
CONVENTION

May 30-April 4, 2023 | Miami, Florida

For more information, please visit post-tensioning.org/events.

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Have Post-Tensioning Questions? We Have Reinforced Answers.

PTI has engineering staff available to assist you with any post-tensioning related technical questions you might have about a document or a project.

If you have a technical question, issue, or challenge to be met with post-tensioning, our team can provide assistance and answer. Contact us via e-mail at technical.inquiries@post-tensioning.org.

THE POST-TENSIONING INSTITUTE
Your resource to the post-tensioning industry.

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