

# IN-DEPTH DESIGN AND ANALYSIS OF POST-TENSIONED BUILDING STRUCTURES

THIS INTENSIVE AND IN-DEPTH SEMINAR will cover most aspects of the design and analysis of post-tensioned structures and will include hands-on training with practical examples of new post-tensioned building structures.

The seminar subject matter and materials were developed to benefit engineers and designers actively involved in post-tensioning design.

A full-day seminar (8 PDH/0.8 CEU credits)

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POST-TENSIONING INSTITUTE  
*Stressing the Stronger Concrete Solution™*

## SEMINAR HIGHLIGHTS INCLUDE:

- **Preliminary Design:** Factors that affect the selection of structural systems, key aspects and steps involved in the design of post-tensioned structures, and important recent building code provisions relating to the design of post-tensioned structures.
- **Detailed Analysis:** Effective techniques for modeling of one- and two-way slabs, detailed examples of common types of structural systems using hand calculations as well as commonly used software, and hands-on exercises of practical situations to explain the basic concepts.
- **Detailing and Structural Drawings:** Design considerations, causes of restraint and ways of mitigating problems arising from restraint, common design mistakes that are seen on structural drawings, solutions to common design/construction situations, and repair of post-tensioned structures.

## WHO SHOULD ATTEND:

- Engineers
- Designers / Architects
- Building Officials
- Plan Checkers
- Code Specifiers
- Project Managers
- Contractors and Installers
- Inspectors
- Students
- Others involved in PT

## SCHEDULE:

Registration: 7:30 a.m.—8:00 a.m./Seminar: 8:00 a.m.—4:30 p.m.  
(Lunch provided)



