FUNDAMENTALS OF POST-TENSIONING FOR BUILDING STRUCTURES

THIS SEMINAR **provides attendees with an understanding of post-tensioning (PT) systems, post-tensioning design and analysis, and construction considerations. Durability aspects of present PT systems, key design concepts, code requirements, and practical design and construction tips will be discussed.**

This seminar is designed for individuals with little or no experience in PT design.

A half-day seminar (**4 PDH/0.4 CEU credits**)

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POST-TENSIONING INSTITUTE

Stressing the Stronger Concrete Solution™

SEMINAR HIGHLIGHTS INCLUDE:

- **Post-Tensioning Technology:** Materials, fabrication, installation considerations, common systems, and applicable specifications.
- **Design & Analysis:** Key concepts such as load balancing, secondary moments, prestress losses, and applicable code requirements and their impact on design.
- **Applications:** Project examples to illustrate various uses of PT in buildings, tendon arrangement in common floor systems, use of external PT in the retrofit of existing structures, and facts and myths about post-tensioned structural members as compared to reinforced concrete members.
- **Construction:** Installation considerations, issues related to drawing review, inspection, interaction with other trades, various structural element interaction, and construction/ coordination issues.

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.—12:00 p.m.

SEMINAR REGISTRATION FORM

Fundamentals of Post-Tensioning for Building Structures

SEMINARS WILL BE PRESENTED BY ONE OR TWO OF THE FOLLOWING SPEAKERS:

Rashid Ahmed, P.E., S.E.—Walker Parking Consultants Mr. Ahmed has many years of experience in PT design and has been instrumental in the design of several parking structures in North America. He is involved in many professional societies in the U.S. He is actively involved with PTI by chairing the Building Design Committee and as a member of the Technical Advisory Board. Mr. Ahmed is a member of ACI Committee 362, Parking Structures, and Joint ACI-ASCE Committee 423, Prestressed Concrete.

Bryan Allred, P.E., S.E.—Seneca Structural Engineering Mr. Allred has extensive experience in PT design. He is a member of the Structural Engineers Association of California (SEAOC), ACI, and PTI. His primary consulting practice is in the design of post-tensioned concrete buildings and the use of PT in the retrofit of existing structures. Mr. Allred has taught numerous structural engineering courses at both California State Polytechnic University, Pomoma; and the University of California, Irvine.

Donald Kline, P.E.—Founder and Principal, Kline Engineering & Consulting, LLC Mr. Kline has over 24 years of experience in the design, construction, and repair of post-tensioned concrete structures. He serves on several PTI and ACI committees, including DC-20, Building Design; the PTI Technical Advisory Board (TAB); and Joint ACI-ASCE Committee 423, Prestressed Concrete. Mr. Kline serves on the PTI Board of Directors and is the current Vice President of the ACI National Capital Chapter.

Cary Kopczynski, P.E., S.E., FACI—Senior Principal & CEO, Cary Kopczynski & Company Mr. Kopczynski has broad experience in the design of post-tensioned concrete buildings. His firm's projects include apartment and condominium towers, office buildings, hotels, and parking structures. Mr. Kopczynski is a member of several ACI Committees, including ACI Committee 318, Structural Concrete Building Code, and is a Past President of the ACI Washington State Chapter. He chairs the Technical Advisory Board of PTI and serves on the PTI Board of Directors.

Miroslav F. Vejvoda, MBA, P.E.—Technical Director, Post-Tensioning Institute Mr. Vejvoda is responsible for PTI's technical publication development, is Secretary of the Technical Advisory Board (TAB), and is the Editor of the *PTI JOURNAL*. He provides technical assistance on matters related to PT design and construction. He has been involved in the design and construction of all kinds of PT applications across the U.S. and in Europe for over 25 years. He is a Fellow of ASCE and ACI and is a member of ACI Committees 301, Specifications for Concrete; 350, Environmental Engineering Concrete Structures; and Joint ACI-ASCE Committee 423, Prestressed Concrete.

Register online at the PTI website or complete this form and submit with payment to:

POST-TENSIONING INSTITUTE
Stressing the Stronger Concrete Solution™

38800 Country Club Drive, Farmington Hills, MI 48331
Phone: (248) 848-3180 • Fax: (248) 848-3181
Website: www.post-tensioning.org

Registration information:

Seminar location/date _____

Name(s) of attendees _____

_____

Company name _____

Street address _____

City, State _____ Zip code _____

Phone _____

E-mail address _____

Payment information:

Check one	Registration fee for	Advance fee (paid at least 30 days before seminar)	Regular fee
	PTI member	$200.00	$250.00
	PTI nonmember	$250.00	$300.00

Total amount enclosed: _____

Payment method: _____Credit card (circle one) _____ Check (on U.S. Bank)

Visa MasterCard American Express Discover

Cardholder name _____

Billing address _____

City, State _____ Zip code _____

Credit card # _____ Exp. date _____

Signature _____

Refund Policy: PTI will refund registration fees if canceled in advance of the seminar as follows: 100% of the fees will be refunded for requests made more than 21 days in advance of the seminar; the fee less an US$85 cancellation charge will be refunded for requests made 8 to 21 days in advance; and no refunds will be issued for requests made within 7 days of the seminar.

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