2002 Publications Catalog



Mission Statement

The Post-Tensioning Institute is recognized as the world-wide authority on post-tensioning.

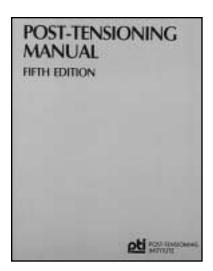
We are dedicated to expanding post-tensioning applications through marketing, education, research, and code development while advancing the quality, safety, and use of post-tensioning systems.

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General

Construction & Repair

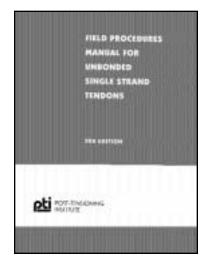


Post-Tensioning Manual, 5th Edition

The 5th edition of the Post-Tensioning Manual was published in November, 1990. The chapter on post-tensioning systems (154 pages) has been extensively revised and updated to reflect details of systems available from members of the Post-Tensioning Institute, and the design chapter has been edited to conform to the 1989 ACI Building Code.

An 8 1/2 x 11 soft cover book of 406 pages.

Price \$82.50 to public, \$49.50 to PTI members.



Field Procedures Manual for Unbonded Single Strand Tendons

This 8 1/2 x 11 soft cover manual of 61 pages has been developed to provide guidance for field personnel involved in installation, stressing and finishing of unbonded single strand tendons. This manual also provides information for inspection of construction, utilizing unbonded single strand tendons, and contains extensive discussion of jobsite troubleshooting for this type of construction.

Third edition, published October 2000. Price \$21.50 to public, \$13.00 to PTI members.



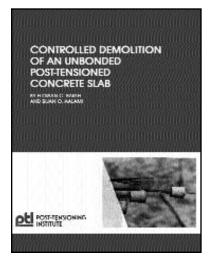
Field Procedures Manual for Unbonded Single Strand Tendons - Pocket Size

This 4 x 7 soft cover manual of 76 pages provides the same information as the $8\ 1/2\ x\ 11$ version above, but in a handy size for the field. Designed to fit into the back pocket of a pair of pants.

Third edition, first printing (pocket size) published April 2001.

Price \$21.50 to public, \$13.00 to PTI members.

Construction & Repair



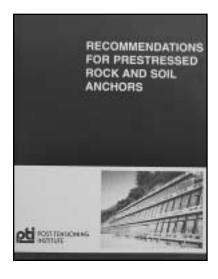
Controlled Demolition of an Unbonded Post-Tensioned Concrete Slab

This report describes the controlled demolition of 100,000 square feet of post-tensioned slab, which was necessitated by suspicion of damage due to fire. The saw cutting procedure was used to neutralize over 900 post-tensioned tendons. The report illustrates that, if required, slabs constructed with unbonded post-tensioned

tendons can safely and readily be dismantled. The report concludes with recommendations for demolition of similar projects.

Second edition published 1992. An 8 1/2 x 11 soft cover book of 30 pages. Price \$14.00 to public, \$9.25 to PTI members. (Available as a photocopy)

Soil Anchors



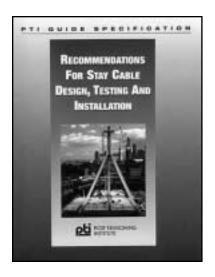
Recommendations for Prestressed Rock and Soil Anchors

These recommendations provide guidance in the application of permanent and temporary prestressed rock and soil anchors utilizing high strength prestressing steel. They represent the current state of practice and provide practical guidance for the design, installation and testing of grout anchored prestressed rock and soil anchors. These recommendations supersede the 1986 Edition. ASTM specifica-

tions and performance requirements for materials have been added. New considerations for anchor design and revised guide values for estimating the bond length in rock and soil are also covered.

Third Edition published June 1996; $8 \frac{1}{2} \times 11$ " soft cover book of 70 pages. **Price \$29.50 to public, \$17.50 to members.**

Bridges



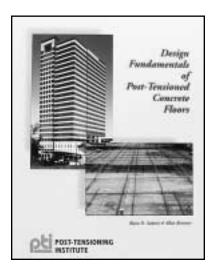
Recommendations for Stay-Cable Design, Testing and Installation

This fourth edition contains a complete revision of format and content. It is published in SI units, and has been re-organized into a Load and Resistance Factor Design (LRFD) format, designed to be used with the AASHTO LRFD Bridge Design Code.

Major additions include: 1) criteria for fatigue testing updated to reflect the most recent results from project testing programs; 2) new criteria and performance standards for corrosion protection and rain-wind induced vibrations; 3) new section for design and testing criteria for saddles, and 4) additional recommendations for monitoring and inspection in service.

4th edition published in February 2001. An 8 1/2 x 11 soft cover book of 101 pages.

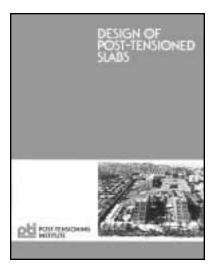
Price \$38.00 to public, \$22.75 to PTI members.



Design Fundamentals of Post-Tensioned Concrete Floors A comprehensive guide to the common practice and the latest developments in the field of post-tensioned concrete floor design

The book presents the fundamental design concepts, methodologies and construction practices, and brings the concepts to the point of practical application. The presented concepts, practical hints and the detailed comparison of computer aided design methods provide a solid base to your professional design efforts.

Published April 1999, an 8½ x 11 soft cover book of 178 pages. **Price \$60.00 to public, \$36.00 to PTI members.**



Design of Post-Tensioned Slabs

Illustrates application of 1983 ACI Building Code provisions to design of one-way and two-way post-tensioned slabs. Includes detailed design examples for: a one-way slab parking structure, a flat plate apartment floor, and a two-way slab with drop panels.

Second edition published in April 1984. An 8 1/2 x 11 soft cover book of 54 pages. (Currently available as a photocopy. Price includes a copy of the 3rd edition when published.)

Price \$30.00 to public, \$18.00 to PTI

members.

ANCHORAGE ZONE DESIGN

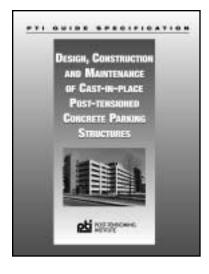
Anchorage Zone Design

This manual provides guidance on the comprehensive treatment of tendon anchorage zone requirements and analysis methods. There is a special emphasis on practical applications of strut and tie design approach, which is recommended by AASHTO and ACI. Step-by-step design analyses for a number of typical anchorages zone conditions is included in this manual.

First edition published October 2000.

An 8 ½ x 11 soft cover book of 46 pages. **Price \$28.00 to public, \$16.75 members.**

Design



Design, Construction and Maintenance of Cast-in-place Post-Tensioned Concrete Parking Structures

This manual provides a comprehensive reference for the design, construction, and maintenance of free-standing, cast-in-place concrete parking structures. The emphasis is on design, construction and maintenance practices that will ensure long-term durability and minimize life cycle costs.

Standard details and case histories are also provided.

First edition published February 2001. An $8 \frac{1}{2} x$ 11 soft cover book of 159 pages. **Price \$70.00 to public, \$43.50 to PTI members.**

Specifications



Specification for Seven Wire Steel Strand Barrier Cable Application

These specifications were developed to provide information covering the use of 7-wire steel strands for barrier cable systems and include detailed recommendations for the installation and tensioning of these systems. Information is given regarding strands with different coatings as well as various anchorage

systems. Systems using other type of steel strands are not covered by these specifications. These specifications are written for parking structure applications; however, they can be applied to other applications using similar techniques.

Published December 1998. An 8½ x 11 soft cover book of 18 pages.

Specifications....



Acceptance Standards for Post-Tensioning Systems

This publication provides specific technical requirements for approval and acceptance of post-tensioning systems. Standards and performance requirements for prestressing materials, bearing plates, wedge plates, connections and sheathing are discussed in detail. Qualification tests and acceptance criteria are presented for each of the individual components as well as for the complete system. A system approval summary outlines the test requirements and number of successful tests necessary for approval of a post-tensioning system. This document is not intended to cover unbonded monostrand post-tensioning systems which have their own separate specification.

Published September 1998. An 8 ½ x 11 soft cover book of 53 pages. **Price \$40.00 to public, \$23.50 to members.**

Specifications ..

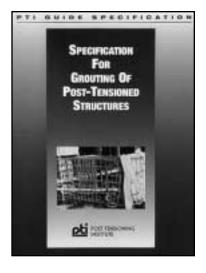


Specification for Unbonded Single Strand Tendons

This publication presents performance specifications for single strand unbonded post-tensioning tendons in prestressed concrete structures. Specifications are given for tendons in both normal and aggressive (corrosive) environments. A commentary to each section is also provided. Revisions include clearer guidelines on defining aggressive environments, acceptance criteria for prestressing strand, compliance standards for encapsulated assembles and general enhanced provisions for corrosion protection of unbonded tendons.

Second Edition, published December 2000. An 8 1/2 x 11 soft cover book of 36 pages.

Price \$21.50 to public, \$13.00 to PTI members.



Price \$20.00 to public, \$12.00 to PTI members.

Specification for Grouting of Post-Tensioned Structures

This guide specification provides minimum requirements for the selection, design and installation of cementitious grouts and ducts for steel post-tensioned systems used in concrete construction. It is intended for use in a wide variety of structure types including buildings and bridges. Portions of this specification apply to cable-stayed

bridges.

First edition published February 2001. An $8 \frac{1}{2} x$ 11 soft cover book of 69 pages.

Price \$28.00 to public, \$16.75 to PTI members.

Performance and Testing



Earthquake
Performance of
Unbonded PostTensioned Buildings

Presents the results of a survey of over 200 post-tensioned buildings located within the area most affected by the 1989 Loma Prieta earthquake near San Francisco.

First Edition, published August 1990. An 8 1/2 x 11 soft cover book of 16 pages. **Price \$11.25 to public, \$6.75 to PTI members.**

Performance and Testing

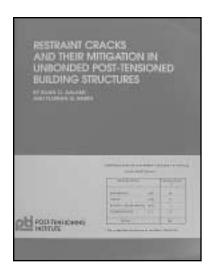


Evaluation of the Condition of a Post-Tensioned Concrete Parking Structure After 15 Years of Service

Reports on the demolition of a 15 year old parking structure in Baltimore to permit construction of a new building at the site. The objective of the report was to investigate the condition of the unbonded tendons after 15

years of service in a moderately aggressive environment.

Published January 1990. An 8 1/2 x 11 soft cover book of 15 pages. Price \$11.25 to public, \$6.75 to PTI members.

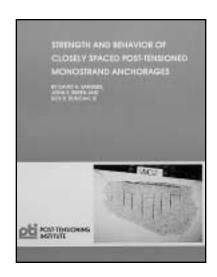


Restraint Cracks and Their Mitigation in Unbonded Post-Tensioned Building Structures

The consequences of cracks on serviceability and strength of post-tensioned buildings are reviewed. Recommendations are made for crack

Recommendations are made for crack mitigation and maintenance of buildings which are post-tensioned with unbonded tendons.

Published January 1988. An 8 1/2 x 11 soft cover book of 49 pages. Price \$18.75 to public, \$11.25 to PTI members.



Strength & Behavior of Closely Spaced Post-Tensioned Monostrand Anchorages:

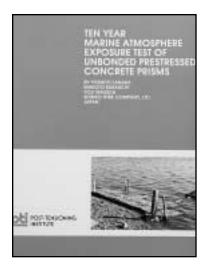
Describes results of slab specimens with groups of monostrand tendon anchorages. Includes reinforcing details which provides adequate anchorage zone factors of safety.

Published December 1987. An 8 1/2 x 11 soft cover book of 49 pages.

Price \$15.50 to public, \$9.25 to

PTI members.

Performance and Testing



Ten Year Marine Atmosphere Exposure Test of Unbonded Prestressed Concrete Prisms

Report on test procedure and materials used to provide corrosion protection to unbonded tendons in concrete prisms exposed in the tidal zone at Osaka Bay for ten years. Tests of strand samples and tendon assembles from test prisms exceeded specification physical requirements after ten years exposure.

Published May 1988. An 8 1/2 x 11 soft cover book of 60 pages.

Price \$14.50 to public, \$8.75 to PTI members.



Structural Integrity of Building Constructed with Unbonded Tendons

An authorized reprint from the March 1989 issue of Concrete International:

Design and Construction, published by the American Concrete Institute. This article illustrates the redundancy and reserve capacity of buildings constructed with unbonded tendons. Case studies of laboratory tests and construction incidents or accidents which have demonstrated the capability of unbonded ten-

dons to resist abnormal or catastrophic loadings are presented. Design recommendations are presented for enhancing the inherent structural integrity of buildings constructed with unbonded tendons.

An 8 1/2 x 11 soft cover report of 8 pages. **Price \$3.50 to public, \$2.00 to PTI members.**

Slab-On-Ground



Construction and
Maintenance Procedures
Manual for Post-Tensioned
Slabs-On-Ground

Provides guidance for builders, subcontractors and field personnel involved in installation, stressing, and finishing of unbonded single strand tendons used in construction of light commercial and residential ground supported foundation slabs. Provides information for inspection of this type of construction and for job site troubleshooting of installation and equipment problems. Covers proper maintenance procedures including landscaping issues, recom-

mended during and after construction essential to the performance of a foundation slab built on ground.

Second edition published September 1998. A 5 $\frac{1}{2}$ x 8 $\frac{1}{2}$ soft cover book of 84 pages.

Price \$25.00 to public, \$15.25 to PTI members.

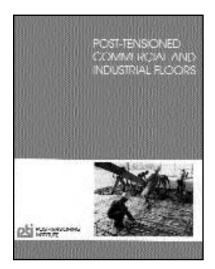
Slab-On-Ground



Design & Construction of Post-Tensioned Slabson-Ground

Provides recommendations for economical post-tensioned slab-on-ground foundations. It presents guidelines for soil investigation, design and construction of post-tensioned residential and light commercial slabs on expansive or compressible soils. It includes three complete design examples and information on design of industrial floors on stable soils. The Second Edition provides notable revisions in several chapters. The revisions are provided to clarify or guide the designer in the applicability of this design procedure and its limitations. In addition, it offers a design method for "uniform thickness foundations" and modifies the permissible sheer stress equation.

Second Edition published October 1996; an $8 \frac{1}{2} \times 11$ " soft cover book of 101 pages. **Price \$31.25 to public, \$18.75 to members.**



Post-Tensioned Commercial and Industrial Floors

This book presents an introductory discussion of the development of post-tensioned slab-on-ground applications; ten case studies of post-tensioned commercial and industrial floor projects (including a "super-flat" floor, tennis courts, and a storage yard overlay), as well as design and construction recommendations.

Published in September 1983. An 8 1/2 x 11 soft cover book of 35 pages. Price \$11.25 to public, \$6.75 to PTI members.

Slide Lectures

Slide Lecture #1 - Post-Tensioned Prestressed Concrete

This presentation, prepared by the Post-Tensioning Institute, is intended to provide a basic understanding of what post-tensioned prestressed concrete is, as well as how, why and when post-tensioned prestressed concrete can be used to economically and functionally tomeet your construction needs. Consisting of 80 slides, the presentation includes a background on prestressed concrete and post-tensioning, different post-tensioning systems, construction procedures and concepts, and illustrations of typical and special applications of post-tensioning. Script is included, with reading time of 35-40 minutes. *Price \$125 to PTI members and to public.*

Slide Lecture #2 - Design Technology for Post-Tensioned Buildings

This 80 slide presentation was developed to provide an overview of design technology for post-tensioned buildings. The lecture emphasizes unbonded tendons. It covers strand tendon material and components, analysis and design concepts, load balancing, bonded reinforcement requirements, long-term prestress losses, shear design, equivalent frame modelling and ways to reduce restraint cracking. Script is included, with reading time of 25 - 30 minutes. *Price \$125 to PTI members and to public.*

Slide Lecture #3 - Post-Tensioned Slabs-on-Ground

This 80-slide presentation provides an overview of PTI design procedures for post-tensioned slabs on expansive or compressible soils. Expansive clay classifications, Thornthwaite moisture index, and edgecenter lift conditions are covered. Moment capacity, shear profile and allowable deflections are reviewed and highlighted. Illustrations of typical post-tensioned industrial floors, driveways, tennis courts, foundation mats and airport overlays complete the lecture. Descriptions included *Price \$125 to PTI members and to public.*

Slide Lecture #4 - Construction Options for Long-Span Post-Tensioned Concrete Bridges

This presentation addresses various construction options for long-span post-tensioned concrete bridges, with examples of bridges, both during the construction process and the finished view. Specific areas covered include cast-in-place on falsework, cast-in-place span by span, cast-in-place free cantilever, incremental launching, precast segmental and cable-stayed structures.

Descriptions of slides are included. *Price \$125 to PTI members and to public.*

Slide Lecture #5 - Field Procedures Manual for Unbonded Single Strand Tendons

This narrative is to be used in conjunction with the manual printed by the Post-Tensioning Institute, (2nd edition published in 1994). The manual was developed to provide guidance for field personnel involved in the installation, and stressing of unbonded single strand tendons. The lecture reviews document control delivery, handling and storage issues. Detailed installation procedures are covered and highlighted. Illustrations of proper concrete placement, tendon stressing and finishing are provided. Finally, procedures for elongation recording and some job site troubleshooting complete the presentation. *Price* \$125 to PTI members and to public.

Technical Notes

Notes #1:	Effective Width & Post-Tensioning
Notes #2:	Wedge Forces on Post-Tensioning
	Strand Anchors
Notes #3:	One-Way & Two-Way Post-Tensioned
	Floor Systems
Notes #4:	Strength Evaluation of Existing Post-
	Tensioned Beams & Slabs, Analytical
	Approach
Notes #5:	Unbonded & Bonded Post-Tensioning
	Systems in Building Construction, a
	Design & Performance Review
Notes #6:	Cracking in Ground-Supported Post-
	Tensioned Slabs on Expansive Soils
Notes #7:	Hyperstatic (Secondary) Actions in
	Prestressing and Their Computation
Notes #8:	Layout of Post-Tensioning and Passive
	Reinforcement in Floor Slabs
Notes #9:	Performance Evaluation of Residential
	Concrete Foundations
Notes #10:	Prestress Losses in Post-Tensioned
	Structures
Notes #11:	Design of Concrete Floors with Particular

Reference to Post-Tensioning

About PTI

The Post-Tensioning Institute represents a community of businesses and professionals dedicated to expanding quality post-tensioning applications through research, education, code development and marketing. Established in 1976, PTI focuses on research projects directed toward development of specifications and design recommendations, publication of technical literature on applications of post-tensioning design and construction technology.

PTI provides research, technical development, marketing and promotional activities for companies engaged in post-tensioned construction. Its publications are a major communication system for disseminating information on post-tensioning design and construction technology.

One of the goals of the Institute is to ensure that specifiers and purchasers of post-tensioning materials receive products and services which meet a recognized standard of quality. Working toward this goal, PTI has established a certification program for plants producing unbonded tendons. In addition, PTI now certifies unbonded post-tensioning installers. Specifying PTI certified plants and certified installers ensures a quality post-tensioned project.

PTI has six standing technical committees: Cable-Stayed Bridges, Grouting Specifications, Post-Tensioning Systems Certification, Prestressed Rock and Soil Anchor, Slab-on-Ground, and Unbonded Tendons. In addition, the Technical Advisory Board reviews all technical, promotional and research publications of the Institute.

Members of the Institute include post-tensioning material fabricators and manufacturers of prestressing materials in North America, Africa, Asia, Europe and South America. Membership also includes companies supplying miscellaneous materials, services and equipment used in post-tensioned construction, and more than 700 professional members.

The Benefits of Membership

PTI strives to provide a variety of meaningful benefits to its members. We are continuously adding, enhancing and reviewing new benefits to our membership categories. *Currently, PTI Professional Member benefits include:*

Enhanced profitability and competitiveness

PTI is the only association dedicated to expanding quality post-tensioning applications. To work towards this goal PTI sponsors a variety of technical seminars specific to the post-tensioning industry. Not only do these comprehensive seminars foster critical thought, and enhance pertinent information exchange, they help you achieve an industry standard that sets you aside from your competition. The Field Personnel Certification Program gives your customers confidence that they are working with competent professionals who have proven their commitment to quality and compliance with national standards.

Time savings

PTI can provide the technical support you need to be sure the job is done right the first time. Whether you have a question or need advice, you can count on us. PTI staff are dedicated people who will make the most of your membership. Let us know how we can help you!

Access to important news and information

Stay informed on industry activities and issues through

the quarterly PTI newsletter, periodic Technical Notes, Frequently Asked Questions sheets and PTI's Web site. You will also receive a complimentary subscription to Concrete Construction Magazine. You will also have access to technical articles, information and references at no additional charge.

Increased visibility

Members are listed free of charge in our Membership Directory. In addition, members may purchase advertising space in the directory.

Power to shape your industry

Professional Members nominate and elect a representative to serve on the PTI Board of Directors and Executive Committee. These individuals are involved in the policy making and direction setting process for PTI. All members are encouraged to participate in one of our six standing committees.

Cost savings

Receive a one-third discount on all PTI publications. You are also entitled to discounts for educational workshops/seminars as well as a special rate for Airborne Express. In addition, PTI Professional Membership applicants may obtain a FREE copy of a selected PTI publication.

POST-TENSIONING INSTITUTE

TITLE	QTY	MEMBER PRICE	PUBLIC PRICE	TOTAL
Acceptance Standard for Post-Tensioning Systems		\$ 23.50	\$ 40.00	
Anchorage Zone Design		16.75	28.00	
Cast-in-Place Concrete Parking Structures		2.00	3.50	
Construction and Maintenance Procedures Manual for Post-Tensioned Slab-on-Ground		15.25	25.00	
Controlled Demolition of an Unbonded Post-Tensioned Concrete Slab		6.75	14.00	
Design & Construction of Post-Tensioned Slabs-on-Ground		18.75	31.25	
Design, Construction and Maintenance of Cast-in-Place Post-Tensioned Concrete Parking Structures		43.50	70.00	
Design Fundamentals of Post-Tensioned Concrete Floors		36.00	60.00	
Design of Post-Tensioned Slabs		6.75	15.00	
Earthquake Performance of Unbonded Post-Tensioned Buildings		6.75	11.25	
Evaluation of the Condition of a Post-Tensioned Concrete Parking Structure after 15 Years of Service		6.75	11.25	
Field Procedures Manual for Unbonded Single Strand Tendons		13.00	21.50	
Field Procedures Manual for Unbonded Single Strand Tendons (Pocket Size)		13.00	21.50	
Post-Tensioned Commercial and Industrial Floors		6.75	11.25	
Post-Tensioning Manual - Fifth Edition		49.50	82.50	
Recommendations for Prestressed Rock & Soil Anchors		17.50	29.50	
Recommendations for Stay Cable Design, Testing & Installation		22.75	38.00	
Restraint Cracks and their Mitigation in Unbonded Post-Tensioned Building Structures		11.25	18.75	
Specification for Grouting of Post-Tensioned Structures		16.75	28.00	
Specification for Seven Wire Steel Strand Barrier Cable Applications		12.00	20.00	
Specification for Unbonded Single Strand Tendons		13.00	21.50	
Strength and Behavior of Closely Spaced Post-Tensioned Monostrand Anchorages		9.25	15.50	
Structural Integrity of Building Constructed with Unbonded Tendons (Concrete International reprint)		2.00	3.50	
Ten Year Marine Atmosphere Exposure Test of Unbonded Prestressed Concrete Prisms		8.75	14.50	
Training and Certification of Field Personnel for Unbonded Post-Tensioning		33.00	55.00	
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4 Easy Ways to Order:

1. Website: www.post-tensioning.org 2. Mail 3. Phone 602/870-7540 4. Fax 602/870-7541 Orders accepted on a prepaid basis only - Check, Money Order, VISA, MasterCard or American Express.

POST-TENSIONING INSTITUTE

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Technical Notes #1	- Effective Width & Post-Tensioning		2.00	3.50	
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	- One-Way and Two-Way Post-Tensioned Floor Systems		2.00	3.50	
	- Strength Evaluation of Existing Post-Tensioned Beams & Slabs, Analytical Approach		2.00	3.50	
	- Unbonded & Bonded Post-Tensioning Systems in Building Construction, A Design & Performance Review		2.00	3.50	
	- Cracking in Ground-Supported Post-Tensioned Slabs on Expansive Soils	 _	2.00	3.50	
	- Hyperstatic (Secondary) Actions in Prestressing and Their Computation		2.00	3.50	
Technical Notes #8	- Layout of Post-Tensioning & Passive Reinforcement in Floor Slabs		2.00	3.50	
Technical Notes #9	- Performance Evaluation of Residential Concrete Foundations		2.00	3.50	
	- Prestress Losses in Post-Tensioned Structures		2.00	3.50	
Technical Notes #11	- Design of Concrete Floors with Particular Reference to Post- Tensioning		2.00	3.50	
Slide Lecture #1	- Post-Tensioned Prestressed Concrete	·	125.00	125.00	
Slide Lecture #2	- Building Design with Unbonded Tendons		125.00	125.00	
Slide Lecture #3	- Post-Tensioned Slabs-on-Ground		125.00	125.00	
Slide Lecture #4	- Construction Options for Long-Span Concrete Bridges		125.00	125.00	
Slide Lecture #5	- Field Procedures for Unbonded Single Strand Tendons		125.00	125.00	
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Phone	Fax		E-Mail _		
Payment Must Accompany Order.		Visa or	MasterCard or	American Express Accepted	
Card #				Exp date	
Name as it appears on the Card			Billing Zip Code		
Signature					

PROFESSIONAL MEMBERSHIP APPLICATION

Article III, Section 3 of the By-Laws of the Post-Tensioning Institute defines a Professional Member as follows: Any person who is a registered architect or engineer, or any person who is deemed by the Board of Directors to have abilities or standing equal to this qualification; provided, however, that no such person shall be qualified for Professional Membership if Post-Tensioning, Associate, Affiliate or Foreign Post-Tensioning, Associate Membership is available to such a person or to an organization with which such person is affiliated.

Persons qualifying for Professional Membership in accordance with the above definition who accept and agree to be governed by the By-Laws of the POST-TENSIONING INSTITUTE may apply for Professional Membership by completing this form and mailing it to the Post-Tensioning Institute with a check (made payable to the Post-Tensioning Institute and in U.S. dollars) as an advance payment of the first year's dues. Professional Membership dues are as follows:

U.S., Canada and

Outside

			Mexico	North America*	
Annual dues for applications submitted January through June			\$ 85.00	\$ 110.00	
Partial year dues for applications submitted July through December			\$ 50.00	\$ 65.00	
* Dues rate is increased for location	n outside North America due to	o cost of airmail delivery of newsletters	and publica	ations.	
Name	Company			Title	
Address					
City	State _	I	Postal Code		
Phone	Fax	E-mail			
Nature of business					
Mailing Address (if different than a	above)				
Address					
City	State	Postal	Code		
I hold certificate No	In	the State of			
(Persons not registered may append	l an additional sheet listing exp	erience record for consideration by the	PTI Execu	tive Committee.)	
Signature		Date			
Ten Year Marine Atmosp of Unbonded Prestressed		Evaluation of the Condition of a P/T Parking Structure After 15 Years	0	Strength and Behavior of Closely Spaced P/T Monostrand Anchorages	
Please send a complimentary copy	of (check one):				
Payment enclosed. \$	(US Dollars)	Bill my credit card (circle one)	Visa	Mastercard	
Card No.	Exp. Date	Cardholder's Name	e		
Credit Card Billing Addr	ess	Signature			

Post-Tensioning Institute 1717 W. Northern Ave., Ste. 114 Phoenix, AZ 85021-5470

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