



AGENDA

**DC-10: Slab-on-Ground Committee**

Wednesday, April 21, 2021  
12:00 p.m. - 2:00 p.m. Eastern

**Voting Members Present (x of 20)**

Tony Childress, Chair  
Childress Engineering Services,  
Inc.

Brian Eubanks  
Paragon Structural Engineering,  
LTD

David Peralta  
Unintech Consulting Engineers,  
Inc.

Dean Read, Vice Chair  
MLAW Forensics, Inc.

Peter Fleming  
Geo-Technologies Inc

Andy Rapier  
Protex

Amy Dowell, NV  
Post-Tensioning Institute

Jack Graves Jr  
Builders Post-Tension DFW, Inc.

Donald Shaheen  
DJS Engineering

Don Illingworth, TAB Contact, V  
Don Illingworth and Associates

Brian M Juedes  
Meritage Homes

Mervin Snowden  
Snowden Engineering, Inc.

John Bryant  
Bryant Consultants, Inc.

Harley Nethken  
Tech-Con Systems Inc

Tami Spicer  
STRAND

Dan Buck  
Suncoast Post-Tension Ltd

Daniel Overton  
Engineering Analytics, Inc.

Ryne Stoker  
Geotek Inc

Kenneth Douglass  
Eric L. Davis Engineering

Homer Parker Jr  
Parker Engineering, Inc.

**Associate Members Present**

Lowell Brumley  
Tri-Tech Engineering, L.P.

John Kennedy  
Martin Specialty Products

Michael Scanlon  
Norex Engineering, Inc.

Chris Burkle  
Suncoast Post-Tension, Ltd.

Chad Konger  
Strand Systems Engineering

David Sparks  
Felten Group

Jerry Coombs  
Coombs Engineering

Evan Langston  
PT Manufacturing

Christian Wurtz  
Post Tension Plugs

Chris Copeland  
Copeland Engineering, LLC

Derrick Lee  
Consolidated Reinforcement

Fabio Albino De Souza  
INAEP

Kerry Lee  
Forensix Consulting, LLC

David Hohman  
Superior Post Tension, LLC

Rene Luft

Jared Rosenquist  
General Technologies, Inc.

**ACTION ITEMS FROM LAST / THIS MEETING**

Item #	Subject	Action	Responsible	Deadline / Completed
1.1	Geotechnical Equation Changes	TG to look at how to modify with new definition of $E_m$	Read, Childress, Rapier, Parker, Eubanks	January 1, 2021
2.1	Collapsible Soil Standards	Staff to review and start ballot by June 2020.	Staff	June 2020  Staff to start ballot after this meeting.
3.1	Long Design Rectangles	Action Item 3.1: TG to investigate capping the length at 75 ft to a fixed amount or 6 beta.	Childress, Konger, Eubanks, Read, Nad, Nethken, Sparks	January 1, 2021
4.1	SOG User Guide – Geotechnical	Start ballot in November 2020	Staff	April 2021
5.1	SOG User Guide – Structural	TG to meet to coordinate sections in C&M with appropriate sections in the User Guide	Graves / Dowell	November 15, 2020
		Start Ballot	Staff	November 30, 2020
6.1	SOG User Guide Design Examples	Need soil numbers for realistic soil numbers for Colorado and then re-run design examples	Read / Childress	November 30, 2020
7.1	TN – Flatwork	TG to respond to TAB comments and rebalot	Childress / Eubanks	January 31, 2021

Agenda Item	Expected Outcome / Actions Taken
<b>A. General</b> A.1 Call to Order / Gratitude  A.2 Introductions  A.3 Committee Roster / Changes  A.4 PTI Antitrust Policy	

Agenda Item	Expected Outcome / Actions Taken
<b>B. Agenda &amp; Minutes</b> B.1 Approval of Agenda B.2 Approval of Minutes from 10-21-20 (Meeting ballot required)	B.1 B.2 Vote on Minutes from 10/21/2019 approval Motion / Second: Name / Name <b>Result: X-X-X (Y-N-A)</b>
<b>C. Actions Taken Between Meetings</b> C.1 Letter Ballots (2003, 2004, 2101)  C.2 Web Meetings (none)	C.1 <a href="#">Ballot DC-10-2003-Compressible Soils</a>  <a href="#">Ballot DC-10-2004 DC10.9 Guide for Design of PT SOG Foundations (User Guide) Structural Chapters for re-ballot</a>  <a href="#">Ballot DC-10-2101-DC10.9 Guide for Design of PT SOG Foundations (User Guide) Geotechnical Chapters for re-ballot</a>  C.2
<b>1. Action Item 1: (Geotechnical Equation Changes)</b> 1.1. TG Update	1.1 Update on proposed change to geotechnical equation to reflect change in $E_m$ definition based on Wray's dissertation.
<b>2. Action Item 2: (Long Design Rectangles)</b> 2.1 Short-term solution TG update  2.2 Long-term solution TG update	2.1 Tony and Chad to set up in-person work session to run some test calculations. Investigate: - Average the moments based on the aspect ratio. (straw poll had no opposition of those in attendance at this WM)  Action Item 3.1: TG (Childress, Konger, Eubanks, Read, and, Nethken, Sparks) to investigate capping the length at 75 ft to a fixed amount or 6 beta.  TG Update 2.2 Hold for now until item 2.1 is resolved
<b>3. Action Item 6: (SOG User Guide Design Examples)</b> 3.1 Update	3.1 Start Ballot ASAP after meeting



Agenda Item	Expected Outcome / Actions Taken
D.3 ACI 360R PT Chapter Review	D.3 PTI has been approached by ACI Committee 360 for review / revision of these documents. Start TG
<b>E. <u>Next Meeting</u></b> October 5-8, 2021 – Hyatt Regency Coconut Point Resort & Spa Bonita Springs, Florida,  Web Meetings:	
<b>F. <u>Adjourn</u></b>	

**AGENDA / MEETING EXHIBITS**

Exhibit #	Subject
A.4	PTI Anti-Trust Policy
	Meeting Minutes from 10/21/20

At a meeting on October 8, 1980, the Board of Directors first discussed the Institute's status and policies regarding compliance with antitrust laws. After review of both the internal and external compliance procedures, the following resolution was approved:

*"The staff, officers, directors and members of the Post-Tensioning Institute are reminded that they are required to comply with the spirit and specific requirements of the antitrust laws on all activities within the scope of, and related to, the official functions of PTI. Further, this restated position, along with appropriate explanatory material, should be placed in all meeting folders/books periodically, beginning with the 8th of October meeting of PTI."*

On July 24, 2012 and again on October 7, 2015, the Executive Committee authorized Legal Counsel to review and update this Policy Statement in the perspective of the Department of Justice Business Review Letter of July 30, 1997 and current case law. As a continuing guide for your participation in PTI's meetings, please review and continue to adhere to the following "Legal Limitation on Discussions at PTI Meetings."

### **LEGAL LIMITATION ON DISCUSSIONS AT PTI MEETINGS AND EVENTS**

A free exchange of ideas on matters of mutual interest to the members is necessary for the success of all meetings. Indeed, such an exchange of views is essential to the successful operation of every trade association and the law specifically allows legitimate exchange of views pertaining to, e.g., quality control, safety, building design and construction integrity, etc.

It is not the purpose of this memorandum to discourage the exploration in depth of any matters of legitimate concern to meeting participants. Nevertheless, to ignore certain antitrust ground rules, either through ignorance or otherwise, is to create a civil and criminal hazard businessmen simply cannot afford.

It is for these reasons that PTI provides you with a reminder that certain areas of formal and informal communication between competitors or between manufacturers and their suppliers and customers must be avoided, as posing potential antitrust problems.

The Sherman Antitrust Act, the Clayton Act, the Federal Trade Commission Act, and the Robinson-Patman Act comprise the basic federal antitrust laws, which set forth the broad areas of conduct considered illegal as restraints of trade. In general, agreements or understandings between competitors that operate as an impediment to free and open competition are forbidden. Federal antitrust prohibitions forbid any "agreement or understanding...to substantially lessen competition or tend to create a monopoly in any line of commerce." An important point to keep in mind is that communications and discussions between competitors or between sellers and customers, about matters which may be considered anti-competitive, often comprise the evidence from which courts infer antitrust violations. *It is the policy of the Post-Tensioning Institute that such agreements, understandings or communications shall not be tolerated at any formal or informal meetings or social events of the Institute.*

The general prohibitions contained in the federal antitrust laws, have been particularized in the form of a series of consent decrees, originally entered against a number of member companies of various trade associations and the associations themselves. It is important to note that these laws not only apply to PTI members, but also to PTI itself. Often trade associations have been and are presently co-defendants in cases brought by the Justice Department and the Federal Trade Commission ("FTC"). Recently, the FTC has stated: *"Because trade associations are by their nature collaborations among competitors, the Commission and courts have long been concerned with anti-competitive restraints imposed by such organizations under the guise of codes of conduct. Competing for customers, cutting prices, and recruiting employees are hallmarks of vigorous competition. Agreements among competitors not to engage in these activities injure consumers by increasing prices and reducing quality and choice."* Similar "codes" or policies and requirements that encourage directly or indirectly members' unlawful activity are strictly forbidden by PTI in the course of its business with its members.

## **SPECIFIC EXAMPLES OF ACTIVITIES AND PRACTICES PROHIBITED**

### **AT ALL PTI MEETINGS AND EVENTS:**

Included in activities and practices which are forbidden, and are contrary to the policy of the Institute, both under the general antitrust laws and the consent decrees, subject to the said Business Review Letter, are the following:

- Agreeing to allocate markets, customers or suppliers among competitors, classify certain customers or suppliers being entitled to preferential treatment by manufacturers, and establish geographic trading areas.
- Participating in any plan designed to induce any manufacturer or distributor to sell or refrain from selling, or discriminate in favor of, or against any particular customer or class of customers.
- Agreeing in any manner to fix or otherwise establish bids, prices (including price increases, decreases, standardization or stabilization), profits, costs, contract terms affecting price (such as discounts and credit terms), etc. because, e.g. prices were too low, with the exception of certain resale pricing agreements between manufacturers and retailers or distributors.
- Agreeing in any manner to limit or restrict the quality of products to be produced (e.g., restrictions on selling coated strand to certain customers).
- Participating in any plan which has the effect of discriminating against, or excluding competitors, suppliers or customers.

These examples are provided to guide you in your discussions during formal and informal PTI meetings and social events. If the occasion arises, more specific advice will be provided by legal counsel, who is required by Article IV, Section 7 of the PTI By-Laws to be present at all meetings of the Board of Directors and the Executive Committee.



MINUTES

DC-10: Slab-on-Ground Committee

Tuesday, October 20, 2020

2:00 p.m. - 4:00 p.m. Eastern

Voting Members Present (14 of 20)

Tony Childress, Chair  
Childress Engineering Services,  
Inc.

Brian Eubanks  
Paragon Structural Engineering,  
LTD

Homer Parker Jr  
Parker Engineering, Inc.

Dean Read, Vice Chair  
MLAW Forensics, Inc.

Peter Fleming  
Geo-Technologies Inc

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Meritage Homes

Donald Shaheen  
DJS Engineering

John Bryant  
Bryant Consultants, Inc.

Jerald Kunkel  
University of Texas at Arlington

Mervin Snowden  
Snowden Engineering, Inc.

Dan Buck  
Suncoast Post-Tension Ltd

Harley Nethken  
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Tami Spicer  
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INAEP

Kerry Lee  
Forensix Consulting, LLC

David Hohman  
Superior Post Tension, LLC

Rene Luft

Jared Rosenquist  
General Technologies, Inc.



**Visitors**

BJ Evans  
Chad Smith  
Charles Skarbrevik  
Coy Williams  
Dwayne Caldwell  
Greg Madrey  
Gregory Hunsicker

James Hayes  
Jim Beaudoin  
Joseph DuBois  
Joseph Nad  
Josh Mecom  
Joshua Philips  
Julio Silva

Kwok Tam  
Mauro Barbosa  
Monika Patel  
Nelson Vega  
Randy Plitt  
Shih-ho Chao

**ACTION ITEMS FROM LAST / THIS MEETING**

Item #	Subject	Action	Responsible	Deadline / Completed
1.1	Geotechnical Equation Changes	TG to look at how to modify with new definition of $E_m$	Read, Childress, Rapier, Parker, Eubanks	January 1, 2021
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4.1	SOG User Guide – Geotechnical	Start ballot in November 2020	Staff	November 15, 2020
5.1	SOG User Guide – Structural	TG to meet to coordinate sections in C&M with appropriate sections in the User Guide	Graves / Dowell	November 15, 2020
		Start Ballot	Staff	November 30, 2020
6.1	SOG User Guide Design Examples	Need soil numbers for realistic soil numbers for Colorado and then re-run design examples	Read / Childress	November 30, 2020
7.1	TN – Flatwork	TG to respond to TAB comments and rebalot	Childress / Eubanks	January 31, 2021

Agenda Item	Expected Outcome / Actions Taken
<b>A. General</b>	
A.1 Call to Order / Gratitude	A.1 Meeting was called to order at 2:00 p.m. Eastern. Tony started the meeting off with a moment of gratitude.
A.2 Introductions	A.2 Members present were called on to introduce themselves.
A.3 Committee Roster / Changes	A.3 Evan Langston, Kerry Lee and Jerry Coombs have joined as Associate Members
A.4 PTI Antitrust Policy	A.4 All present were reminded of the PTI Antitrust Policy

Agenda Item	Expected Outcome / Actions Taken
<b>B. Agenda &amp; Minutes</b> B.1 Approval of Agenda B.2 Approval of Minutes from 5/27/20 (Meeting ballot required)	B.1 No agenda additions were noted Shaheen/Eubanks 12-0-0 B.2 Vote on Minutes from 5/27/20 approval Motion / Second: Overton/Shahen <b>Result: 12-0-0 (Y-N-A)</b>
<b>C. Actions Taken Between Meetings</b> C.1 Letter Ballots (None)  C.2 Web Meetings (none)	C.1 None  C.2 None
<b>1. Action Item 1: (Geotechnical Equation Changes)</b> 1.1. Update	1.1 Update on proposed change to geotechnical equation to reflect change in $E_m$ definition based on Wray's dissertation.  <b>Action Item 1.1: TG (Read, Childress, Rapier, Parker, Eubanks) to look at how to modify with new definition of <math>E_m</math> – finish by January 1, 2021</b>
<b>2. Action Item 2: (Collapsible Soil Definition and Standards)</b> 2.1 TG update	2.1 Section draft complete.  <b>Action Item 2.1: Staff to review and start ballot by end of October 2020.</b>
<b>3. Action Item 3: (Long Design Rectangles)</b> 3.1 Short-term solution TG update  3.2 Long-term solution TG update	3.1 Tony and Chad to set up in-person work session to run some test calculations. Investigate: - Average the moments based on the aspect ratio. (straw poll had no opposition of those in attendance at this WM)  <b>Action Item 3.1: TG (Childress, Konger, Eubanks, Read, and, Nethken, Sparks) to investigate capping the length at 75 ft to a fixed amount or 6 beta.</b>  3.2 Hold for now until item 3.1 is resolved
<b>4. Action Item 4: (SOG User Guide – Geotechnical)</b> 4.1 TG update	4.1 TG update  <b>Action Item 4.1: Ballot start in November 2020</b>
<b>5. Action Item 5: (SOG User Guide – Structural)</b> 5.1 TG update	5.1 TG Update

Agenda Item	Expected Outcome / Actions Taken
	Action Item 5.1: Ballot start in late November 2020
<b>6. <u>Action Item 6: (SOG User Guide Design Examples)</u></b> 6.1 Update	6.1 Set timeline goal and start ballot (Dean to update dry climate numbers) Ballot to start end of November 2020  Action Item 6.1: Update dry climate numbers and initiate ballot by end of November 2020
<b>7. <u>Action Item 7:</u></b> (Flatwork TN) 7.1 Reply to TAB comments	7.1 Review / Reply to TAB Comments  Action Item 7.1: TG to meet to revise document (Childress / Eubanks). Re-submit to TAB by January 31, 2021
<b>D. <u>New Business</u></b>  D.1 Industrial Floors document revision.  D.2 Waffle Mat presentation in exhibit hall.	D.1 Construction and Maintenance TG working on revision of Industrial Floors document  D.2 Waffle Mat presentation / discussion – concerns to be raised in the presentation at the exhibit hall or circulated for possible future DC-10 official response.
<b>E. <u>Next Meeting</u></b> 2021 PTI Convention, Weston Indianapolis, IN April 18-21, 2021 Web Meetings: as needed	
<b>F. <u>Adjourn</u></b>	Meeting was adjourned at 3:45 p.m. Eastern

### AGENDA / MEETING EXHIBITS

Exhibit #	Subject
A.4	PTI Anti-Trust Policy

## **PTI POLICY STATEMENT ON COMPLIANCE WITH ANTITRUST LAWS**

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