

## Summer Web Meeting Agenda

### PTI TAB Technical Advisory Board

Thursday, July 26, 2018, 11:00 AM – 1:30 PM EDT

#### **Voting Members Present (x of 12)**

Don Kline, Chair	Kline Engineering & Consulting
James Cagley, Vice Chair	Cagley & Associates
Miroslav Vejvoda, Secretary	PTI Staff, NV
Rashid Ahmed	Walker Parking Consultants
Asit Baxi	Baxi Engineering, Inc.
John Crigler	VSL
Carol Hayek	CCL USA
Don Illingworth	Don Illingworth & Assoc., Inc.
Bill Klorman	Klorman Construction
Cary Kopczynski	Cary Kopczynski & Co.
Doug Schlegel	Consultant
Andrea Schokker	University of Minnesota Duluth
Edgar Zuniga	Dywidag Systems International USA

#### **Visitors**

Amy Dowell, PTI Staff	Tim Christle, PTI Staff
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### SUMMARY OF ACTION ITEMS FROM LAST / THIS MEETING

Item #	Subject	Action	Responsible	Deadline / Completed
A.3	TAB Member Rotation	Contact Martin Cuadra and Mike Schwager to confirm their interest in serving on TAB	Staff	Asap
3.1.2	Splitting of ACI 318-G	Contact PCI (Roger / Jason) to gain joint support	Staff	Asap
4.1	TCM Updates	Send update proposals to TAB	Staff	Before Summer WM
5.3	TAB Contacts	Contact your committee Chair for discussion of committee activities	TAB Contact Members	Asap
6.2.1	PT Manual	Ballot chapters	Staff	Asap
E.1	TAB Summer WM	Survey / schedule summer WM; end of July time frame	Staff	Asap

Item #	Expected Outcome / Actions Taken
<b>A – General</b>	
A.1 Call to order	A.1 The meeting was called to order by Chair Kline at
A.2 Introduction / Attendance Sheet	

Item #	Expected Outcome / Actions Taken
<p><b>(Exhibit A.2) / Announcements</b></p> <p>A.3 TAB Roster / Membership Rotation</p> <p>At the last meeting in Cancun, the following general rotation was agreed:</p> <ul style="list-style-type: none"> <li>• 2018: Rotate 2 members: Crigler, Cagley (2003, 2003)</li> <li>• 2019: Baxi, Kopczynski (2003, 2003)</li> <li>• 2020: Ahmed, Schlegel (2003, 2008)</li> <li>• 2021: Kline, Zuniga (2008, 2012)</li> <li>• 2022: Hayek (2012)</li> <li>• 2023: Klorman, Illingworth (2014, 2015)</li> </ul> <p>The list of potential TAB candidates (no particular order):</p> <ul style="list-style-type: none"> <li>• Hamid Ahmady</li> <li>• Martin Cuadra</li> <li>• Bob Sward (Chair M-50)</li> <li>• Jack Graves (Officer)</li> <li>• Mike Schwager (Interested)</li> <li>• Drew Micklus</li> <li>• Frank Malits</li> <li>• Jonathan Hirsch</li> </ul> <p>Newly appointed TAB members should attend the fall meeting as observers; outgoing TAB members should rotate off TAB after the fall meeting.</p> <p>A.4 PTI Antitrust Policy <b>(Exhibit A.4)</b></p> <p>A.5 Committee Annual Reports</p>	<p>A.3 The official TAB roster is on the PTI website.</p> <p>TAB Member rotation: After the 2018 fall meeting, Jim Cagley and John Crigler will end their term on TAB.</p> <ul style="list-style-type: none"> <li>• Martin Cuadra and Mike Schwager have been invited to attend the fall meeting and join TAB after the meeting. Staff will inform TAB of their replies.</li> </ul> <p>Other potential candidates: Any other new candidates?</p> <p>A.4 All are reminded of the PTI Antitrust Policy.</p> <p>A.5 The Annual Reports will be attached to the fall committee meeting agenda and sent to TAB after the meetings.</p>
<p><b>B. Agenda &amp; Minutes (Closed Meeting)</b></p> <p>B.1 <u>Approval of Agenda</u></p> <p>B.2 <u>Approval of Meeting Minutes</u> (Meeting ballot required)</p>	<p>B.1 Changes to the agenda:</p>

Item #	Expected Outcome / Actions Taken
B.2.1 Approval of Meeting Minutes from 5-6-18, distributed on 6-21-18.	B.2.1 <b>Motion / Second to approve Meeting Minutes from 5/618: Name / Name, 0-0-0 (Y-N-A)</b>
<b>C. Actions Taken Between Meetings</b> (Closed Meeting)  C.1 <u>Letter Ballots</u>  None  C.2 <u>Web Meetings</u>  None	
<b>1. Technical Committee Personnel</b> (Closed Meeting)  1.1 <u>Technical Committee Chairs</u>  1.2 <u>Technical Committee Members</u>  1.3 <u>Technical Committee Missions</u>	1.1 Current Chairs ( <b>Exhibit 5.1</b> )  1.2  1.3 Current technical committees' missions ( <b>Exhibit 1.3</b> )
<b>2. New TAB Initiatives</b> (Closed Meeting)  2.1 Tendons banded in both directions          2.2 Quality Assurance in Unbonded PT Construction  2.3 PTI Committee Structure	2.1 Status report – Tim Christle  2.2 Agreement Bekaert-PTI – Sub-license agreement Many open questions. <i>Last meeting:</i> Some TAB members expressed concern about the last two bullet points (PTI endorsing the whole testing program, which may show PT with fiber option being better than just PT for banded-banded arrangement, and the potential possibility of stopping the program after T2, with PTI investing a lot of volunteer and staff time into the preparation of the program). The exact wording of the contract will be crucial in reducing possible issues for PTI.  The Bekaert-VT contract lists Bekaert objectives only, namely to lift the stress limitations, etc. This could potentially prove that the current Banded – Distributed PT arrangement requires less PT than currently; the costs are the unknown, however.  The EC will discuss this.

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2.4 Other Initiatives?	
<p><b>3. Relations with other Organizations</b> (Closed Meeting)</p> <p>3.1 <u>ACI</u></p> <p>3.1.1 ACI 301, Specification for Structural Concrete</p> <p>3.1.2 ACI 318, Structural Concrete Building Code</p> <p>3.1.3 ACI 350, Environ. Eng. Conc. Structures</p> <p>3.1.4 ACI 362, Parking Structures</p> <p>3.1.5 ACI 423, Prestressed Concrete</p> <p>3.2 <u>ICRI</u></p> <p>3.3 <u>IBC</u></p> <p>3.4 <u>AISC</u></p> <p>3.5 <u>ASCE</u></p> <p>3.6 <u>ASBI</u></p> <p>3.7 <u>TRB</u></p> <p>3.8 <u>FIB</u></p> <p>3.9 <u>CSA</u></p> <p>3.10 <u>ACCS</u></p> <p>3.11 <u>Contacts to Spec Writing Agencies</u></p>	<p>3.1.2 Splitting of 318-G? What action is necessary? PTI members involved in 318 should support it; staff to check with PCI to support it jointly (Roger/Jason), as it would allow for a faster progress on the work items through focusing on the particular industry's items. Members from the other industry segment are often not familiar enough with the subjects, which delays progress.</p> <p>3.1.3 Unbonded tendons for circumferential prestressing.</p> <p>3.1.5 Strand relaxation testing performed or observed by an independent agency.</p> <p>3.6 Randy Cox will retire and Gregg A. Freeby from TXDOT will replace him.</p> <p>3.11 Wood structure on hold.</p>
<p><b>4. Technical Committee Procedures</b> (Closed Meeting)</p> <p>4.1 Technical Committee Manual</p>	<p>4.1 A draft with changes reflecting the new committee and TG</p>

Item #	Expected Outcome / Actions Taken
<p>4.2 Post-Tensioning Terminology (PTT)</p> <p>4.3 Membership Appointment Procedures</p>	<p>arrangement was prepared by staff. <b>(Attached to email)</b></p>
<p><b>5. Technical Committee Affairs</b> (Open Meeting)</p> <p>5.1 Changes to Committees</p> <p>5.2 Committees' Annual Reports</p> <p>5.3 TAB Contact Assignments <b>(Exhibit 5.1)</b></p> <p><b>M-10: Rashid Ahmed</b> M-10 TG-A: Doug Schlegel M-10 TG-B:</p> <p><b>M-50 John Crigler</b></p> <p><b>M-55: Andrea Schokker</b></p> <p><b>DC-10: Don Illingworth</b> DC-10 TG-A DC-10 TG-B DC-10 TG-C DC-10 TG-D</p> <p><b>DC-20: Hayek</b></p> <p><b>DC-20 SC-A Klorman</b> DC-20 TG-A</p> <p><b>DC-35: Asit Baxi</b></p> <p><b>DC-40: John Crigler</b></p> <p><b>DC-45: John Crigler</b></p> <p><b>DC-80: Don Kline</b></p>	<p>5.1 Current committees are in <b>(Exhibit 5.1)</b></p>
<p><b>6. Technical Committee Documents</b> (Open Meeting)</p> <p>6.1 <u>Existing PTI Technical Documents</u></p> <p>6.2 <u>New / Proposed PTI Technical Documents</u></p> <p>6.2.1 TAB.1 PT Manual</p> <ul style="list-style-type: none"> <li>• Review progress</li> <li>• Make/confirm assignments with deadlines</li> <li>• Balloting plan with dates</li> <li>• Chapter Primary Reviewers</li> </ul>	<p>6.1 Existing documents list is in <b>(Exhibit 6.1)</b></p> <p>6.2 Proposed documents list is in <b>(Exhibit 6.2)</b></p> <p>6.2.1 PT Manual (Balloting starts on Friday, 7-27-18) The process for TAB review of chapters:</p> <ul style="list-style-type: none"> <li>• Ballots 30 days; two chapters at a time</li> <li>• Schedule regular web meetings</li> <li>• Ballot reminders; 2W, 1W, 3D</li> <li>• For each chapter, there are 2 TAB Primary Reviewers</li> </ul>

Item #	Expected Outcome / Actions Taken
<p>It is becoming critical to publish the 7<sup>th</sup> edition of the PT Manual in the near future. A plan to publication should be prepared, possibly considering omitting some of the (new) chapters.</p> <p>6.3 TAB Document Review</p>	<ul style="list-style-type: none"> <li>• Outside reviewers can be added if needed</li> </ul>
<p><b>7. Other Publications</b> (Open Meeting)</p> <p>7.1 New PTI Technical Notes?</p> <p>7.2 New PTI FAQs?</p> <p>7.3 Sustainability</p>	<p>7.1 Technical Notes nearing completion:</p> <ul style="list-style-type: none"> <li>• Temperature Tendons</li> <li>• Restraint to Shortening: Thomas Kang may be able to contribute with his expertise with this subject.</li> </ul> <p>7.3 Carol Hayek is asked to report at the TAB Summer WM.</p>
<p><b>8. Conventions and Other Meetings</b> (Open Meeting)</p> <p>8.1 2018 Technical Sessions More requests were obtained than available time slots; however, too many relatively late, preventing a selection process to select the best.</p> <p>8.2 2019 Committee Chair Luncheon Focus on open discussion of items helpful for running a committee; an agenda and discussion guide PPs are ready, (<b>Exhibit 8.2</b>)</p> <p>8.3 PTI &amp; TAB Awards</p> <p>8.4. New PTI Website</p>	<p>8.2 Any suggestions for the subjects of discussion?</p> <p>8.5 A presentation will be organized at the 2018 PTI Committee Days in Colorado Springs to introduce the website and the committee features from the users' perspective.</p>
<p><b>9. Educational Items</b></p> <p>9.1 Excerpt from the Strategic Plan:</p> <ul style="list-style-type: none"> <li>• Revise and update documents older than 6 years</li> <li>• Revise and update FAQs and TNs older than 4 years</li> <li>• Develop library of selected FAQs with focus on PTI position on all PT applications</li> </ul>	<p>9.1 Coordination with the Education Committee; Professor's Seminar – TAB recommendations:</p> <p>This item will be discussed in detail during the TAB Summer WM.</p>

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<ul style="list-style-type: none"> <li>• Identify research needs for PT</li> <li>• Solicit support from stakeholders for financing, per project</li> <li>• Develop a course for PTI Building Design and compile required webinar modules and course materials</li> <li>• Develop a course for PT SOG Design and compile required webinar modules and course materials</li> </ul>	
<p><b>D. New Business</b> (Open Meeting)</p> <p>D.1 PTI Positions on important subjects</p> <ul style="list-style-type: none"> <li>• ACI 318: Unified PTI position on 318-G and 318 ballots</li> <li>• Restrained vs. unrestrained conditions in 2-way slabs</li> <li>• Other important items?</li> </ul> <p>D.2 Accelerated Construction</p> <ul style="list-style-type: none"> <li>• Bridges: ABC</li> <li>• Buildings: Peikko</li> </ul> <p>D.3 Other new business?</p>	<p>D.1 This item will be discussed in detail during the TAB Summer WM.</p> <p>D.2 A short discussion evolved with some members considering it important and others not very important. This item will be discussed in detail during the TAB Summer WM.</p>
<p><b>E. Next Meeting</b></p> <p>E.1 TAB Summer WM</p> <p>E.2 PTI Committee Days Meeting</p> <p>E.3 Web Meetings</p>	<p>E.2 The next meeting will take place at the 2018 PTI Committee Days in Colorado Springs, CO, September 26-27, 2018. The exact day and time will be announced when available.</p> <p>E.3 Web Meetings will be scheduled as needed.</p>
<p><b>F. Adjourn</b></p>	<p>F. The meeting was adjourned at</p>

**AGENDA / MINUTES EXHIBITS**

Exhibit #	Subject
4.1	Technical Committee Manual -TCM proposed changes (Email Attachment)