

## AGENDA

### **PTI TAB Technical Advisory Board**

Thursday, October 3, 2019, 8:00 AM – 12:00 PM

Hilton Santa Fe Historic Plaza, Santa Fe, NM

**Voting Members Present (X of 12, Quorum = 5)**

Don Kline, Chair	Kline Engineering & Consulting
Miroslav Vejvoda, Secretary	PTI Staff, NV
Rashid Ahmed	Walker Parking Consultants
Asit Baxi	Baxi Engineering, Inc.
Martin Cuadra	Uzum+Case, LLC
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
Mike Schwager	Schwager Davis, Inc.
Edgar Zuniga	Dywidag Systems International USA

**Visitors**

### **SUMMARY OF ACTION ITEMS FROM LAST / THIS MEETING**

Item #	Subject	Action	Responsible	Deadline / Completed

Item #	Expected Outcome / Actions Taken
<b>A – General</b>	
A.1 Call to order	A.1 Meeting was called to order at X pm.
A.2 Introduction / Announcements	A.2
A.3 TAB Roster / Membership	

Item #	Expected Outcome / Actions Taken
<p>Rotation</p> <p>TAB Member Rotation:</p> <ul style="list-style-type: none"> <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> <li>• Member rotation per TCM</li> </ul> <p>The list of potential TAB candidates (no particular order):</p> <ul style="list-style-type: none"> <li>• Hamid Ahmady</li> <li>• Bob Sward (Chair M-50)</li> <li>• Jack Graves (Officer)</li> <li>• Drew Micklus</li> <li>• Frank Malits</li> <li>• Jonathan Hirsch</li> <li>• Greg Hunsicker</li> <li>• Martin Maingot</li> <li>• Jim Donnelly</li> </ul> <p>A.4 Attendance Sheet / 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 2019 fall meeting, Asit Baxi and Cary Kopczynski will end their term on TAB.</p> <p>TAB Members: Ongoing list of potential TAB candidates</p> <ul style="list-style-type: none"> <li>• TAB member suggestions</li> <li>• TAB Chair selects candidates</li> <li>• EC reviews nominations and appoints new TAB members</li> <li>• Newly appointed TAB members are invited to the fall TAB meeting as observers</li> <li>• Appointment becomes effective after the fall meeting</li> </ul> <p>A.4 All present are reminded of the PTI Antitrust Policy and asked to sign the Attendance Sheet to attest knowledge of and compliance with the policy.</p> <p>A.5 The Annual Reports will be attached to the fall committee meeting agenda of all committees and sent to TAB by the end of October.</p>
<p><b>B. Agenda &amp; Minutes</b> (Closed Meeting)</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.2.1 Approval of Meeting Minutes from 5-6-19.</p>	<p>B.1 Changes to the agenda:</p> <p><b>B.2.1 Motion / Second to approve Meeting Minutes from 5/6/19: Name / Name, 0-0-0 (Y-N-A)</b></p>
<p><b>C. Actions Taken Between Meetings</b> (Closed Meeting)</p> <p>C.1 <u>Letter Ballots</u></p>	<p>C.1.1</p>

Item #	Expected Outcome / Actions Taken
<p>C.1.1 Ballot TAB-1904 PT Manual Chapter 19-Durability</p> <p>C.1.2 Ballot TAB-1906 PT Manual Chapter 8-Seismic Design &amp; Chapter 23-BIM</p> <p>C.1.3 PTI DC-45 Chair Succession</p> <p>C.1.4 Ballot TAB-1907-DC20-TN-Dual Banded PT</p> <p>C.2 <u>Web Meetings</u></p>	<p>C.1.2</p> <p>C.1.3</p> <p>C.1.4</p>
<p><b>1. Technical Committee Personnel</b> (Closed Meeting)</p> <p>1.1 <u>Technical Committee Chairs</u></p> <p>1.2 <u>Technical Committee Members</u></p> <p>1.3 <u>Technical Committee Missions</u></p>	<p>1.1 Current Chairs (<b>Exhibit 1.1</b>)</p> <p>1.2</p> <p>1.3 Current technical committees' missions (<b>Exhibit 1.3</b>)</p>
<p><b>2. New TAB Initiatives</b> (Closed Meeting)</p> <p>2.1 Tendons banded in both directions</p> <p>2.2 Intermediate Couplers at the construction joint (Rashid Ahmed)</p> <p>2.3 Post-Tensioned Parking Structures</p> <p>2.4 ACI 318 and related committees' organization</p> <p>2.5 PTI Positions on important subjects:</p> <ul style="list-style-type: none"> <li>• ACI 318: Unified PTI position on 318 ballots</li> <li>• Restrained vs. unrestrained conditions in 2-way slabs</li> </ul>	<p>2.1 Bekaert-PTI – Testing at VT Status report – Tim Christle</p> <p>2.2 TG evaluation of CJ couplers Status report – Rashid Ahmed</p> <p>2.3 New DC-25 established, Chair Rashid Ahmed Report: Roster, DC-25 meeting, goals, etc.</p> <p>2.4 ACI 318 Items:</p> <ul style="list-style-type: none"> <li>• ACI 318 Main</li> <li>• 318-0T - 318 Post-Tensioned Concrete</li> <li>• 318-1P - 318 Precast and Prestressed Concrete</li> <li>• 319 - Precast Structural Concrete Code</li> <li>• 320 – Post-Tensioned Structural Concrete Code</li> </ul> <p>2.5</p>

Item #	Expected Outcome / Actions Taken
<ul style="list-style-type: none"> <li>Other important items?</li> </ul> <p>2.6 Accelerated Construction</p> <ul style="list-style-type: none"> <li>Bridges: ABC; precast</li> <li>Buildings: Peikko; modular; CLT (Cross-Laminated Timber)</li> </ul> <p>2.7 DC-80.3 Guide for Evaluation and Repair of PT Structures</p> <p>2.8 Other Initiatives?</p>	<p>2.6</p> <p>2.7 DC 80.3 repair document. Dc80 is updating this document that was a joint TG with ICRI. Can we do this independent of them or do we need to coordinate? New Strategic Plan may change the approach.</p> <p>2.8</p>
<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>3.1.1 ACI 301:</p> <p>3.1.2 ACI 318:</p> <ul style="list-style-type: none"> <li>Potential splitting of 318-G into precast-prestressed and post-tensioned concrete.</li> <li>Potential specialty dependent codes; PCI, PTI, etc.</li> </ul> <p>3.1.3 ACI 350:</p> <p>3.1.4 ACI 362:</p> <p>3.1.5 ACI 423:</p> <p>3.2</p> <p>3.3 DC10.5-19: Standard Requirements for Design and Analysis of Shallow Post-Tensioned Concrete Foundations on Expansive and Stable Soils DC10.Barrier Cable</p> <p>3.4</p> <p>3.5</p> <p>3.6</p> <p>3.7</p>

Item #	Expected Outcome / Actions Taken
3.8 <u>FIB</u> 3.9 <u>CSA</u> 3.10 <u>ACCS</u> 3.11 <u>Contacts to Spec Writing Agencies</u>	3.8 3.9 3.10 3.11
<b>4. Technical Committee Procedures</b> (Closed Meeting) 4.1 Technical Committee Manual 4.2 Post-Tensioning Terminology (PTT) 4.3 Membership Appointment Procedures	4.1 4.2 4.3
<b>5. Technical Committee Affairs</b> (Open Meeting) 5.1 Changes to Committees 5.2 Committees' Annual Reports 5.3 TAB Contact Assignments <b>M-10: Rashid Ahmed</b> <b>M-50 Edgar Zuniga</b> <b>M-55: Andrea Schokker</b> <b>DC-10: Don Illingworth</b> <b>DC-20: Carol Hayek</b> <b>DC-35: Asit Baxi</b> <b>DC-40: Mike Schwager</b> <b>DC-45: Mike Schwager</b> <b>DC-80: Don Kline</b>	5.1 Current committees are in ( <b>Exhibit 5.1</b> ) 5.2 Committee are asked to submit the Annual Reports by the end of October. 5.3 There is no need for TAB contact for subcommittees or TGs. When TAB members retire, and new ones join, the TAB contact assignments will be reviewed and revised accordingly.
<b>6. Technical Committee Documents</b> (Open Meeting) 6.1 <u>Existing PTI Technical Documents</u> 6.2 <u>New / Proposed PTI Technical Documents</u> 6.2.1 TAB.1 PT Manual <ul style="list-style-type: none"> <li>• Review progress</li> </ul>	6.1 Existing documents list is in ( <b>Exhibit 6.1</b> ) 6.2 Proposed documents list is in ( <b>Exhibit 6.2</b> ) 6.2.1 PT Manual The process for TAB review of chapters: <ul style="list-style-type: none"> <li>• Ballots 30 days; two chapters at a time</li> <li>• Schedule regular web meetings</li> </ul>

Item #	Expected Outcome / Actions Taken
<ul style="list-style-type: none"> <li>• Make/confirm assignments with deadlines</li> <li>• Balloting plan with dates</li> <li>• Chapter Primary Reviewers</li> </ul> <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. Continuing the balloting plan, the new target for completion is summer 2020.</p> <p>6.3 TAB Document Review</p>	<ul style="list-style-type: none"> <li>• Ballot reminders; 2W, 1W, 3D (web balloting)</li> <li>• For each chapter, there are 2 TAB Primary Reviewers</li> <li>• Outside reviewers can be added if needed. Some committees such as DC-20 and DC-80 may have volunteers to review respective chapters.</li> </ul> <p>Balloted chapters:</p> <ul style="list-style-type: none"> <li>•</li> </ul> <p>Next chapters:</p> <ul style="list-style-type: none"> <li>•</li> </ul> <p>6.3 Other documents are coming to TAB for review:</p> <ul style="list-style-type: none"> <li>• Technical content of webinars (DC-20, EDU-130, DC-80)</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:</li> </ul> <p>7.2</p> <p>7.3</p>
<p><b>8. Conventions and Other Meetings</b> (Open Meeting)</p> <p>8.1 2019 Technical Sessions</p> <p>8.2 2019 Committee Chair Luncheon</p> <p>8.3 PTI &amp; TAB Awards</p> <p>8.4. New PTI Website</p>	<p>8.1</p> <p>8.2</p> <p>8.3</p> <p>8.4</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> <li>• Identify research needs for PT</li> </ul>	<p>9.1 Coordination with the Education Committee; Professor's Seminar – TAB recommendations:</p>

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<ul style="list-style-type: none"> <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 Any New Business?</p>	<p>D.1</p>
<p><b>E. Next Meeting</b></p> <p>E.1 2020 PTI Convention, Hilton Miami Downtown, Miami FL, May 3-6, 2020</p> <p>E.2 Web Meetings</p>	<p>E.1</p> <p>E.2</p>
<p><b>F. Adjourn</b></p>	<p>F. Meeting adjourned at .</p>

**AGENDA / MINUTES EXHIBITS**

Exhibit #	Subject
A.4	PTI Antitrust Policy / Sign-in Sheet
	All Exhibits will be distributed before the meeting