TAB Vision: PTI as the International Technical Leader for PT

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What is TAB

Technical Advisory Board (TAB)

• Reports to the PTI Board
• Appoints Technical Committee Chairs
• Approves Technical Committee Members
• Reviews all Technical Documents
• Committee chairs have autonomy to create documents
TAB Vision

• PTI to be recognized as the worldwide technical leader in the area of post-tensioning technologies:
  – Slab on Ground
  – Bridges
  – Stay Cables
  – Buildings
  – Rock and Soil Anchors
  – Repair and Strengthening
TAB Goals:

Set out 4 goals and objectives to achieve the vision.
PT is Re-Shaping Miami

New Miami Skyline
PT in Miami – Surf Club

Surf Club Features

- Bonded PT Skymat
- Unbonded PT Skymat
- Cantilever Roof Girders with Tension Columns
Surf Club – Bonded PT Skymat

2-Way Bonded PT

Photos courtesy VSL
Surf Club – Bonded PT Skymat

Vertical PT Bars for Shear Reinforcement

Photos courtesy VSL
Surf Club Unbonded PT Skymat

Wall / Slab frame supports floors

6 ft thick transfer slab

45 ft cantilevers on 3 sides
Surf Club – Unbonded PT Skymat

Photos courtesy VSL
Surf Club – Tension Column

Photos courtesy VSL
PT in Miami – Grove at Grand Bay
PT in Miami – Grove at Grand Bay

Hat Truss Girders at Roof

Photos courtesy VSL
Miami Science Museum
Miami Science Museum

Photos courtesy VSL
1000 Museum
TAB Goals:

Goal #1 - Commitment to Quality
Goal #2 - Enhance PTI’s Knowledge Center
Goal #3 - Leverage Influence with Academia and Code Writing Organizations
Goal #4 - Re-energize Technical Committee Work
Goal #1: Commitment to Quality

• This was a focus of our past president Marc Khoury, and we should not lose sight of it.
• Challenge: view every problem as an opportunity!
• We have made much progress over the past 2 decades in unbonded PT quality.
• We are at the forefront of construction technology – we should lead the industry in quality.
Goal #2: Enhanced PTI’s Knowledge Center

- Traditional Publications
  - Post-Tensioning Manual
  - Published Guides, Specifications, Tech Notes, etc.

- Transition Web Based Learning
  - Electronic documents
  - Webinars
  - E-Learning Modules
  - Construction Training Videos
Goal #3: Leverage Influence

- Engage Academia – invite to PTI Committees
- Teach PT to the Professors who teach prestressed concrete
- Fund research projects
- Excite Students to Enter PT Industry
Research – Dual Banded PT Slab
Goal #4: Re-Energize Technical Committees

• What committees do?
  – Guides
  – Specifications
  – Tech Notes
  – FAQ’s

• Increase committee participation
  – Students
  – Professors
  – Contractors

• Look for ways to make committee work more efficient.
Conclusion

PTI as the International Technical Leader in PT