

**STRUCTURAL TECHNICAL ADVISORY COMMITTEE
CONCURRENT WITH THE
MECHANICAL TECHNICAL ADVISORY COMMITTEE
TELECONFERENCE MEETING FROM TALLAHASSEE, FLORIDA**

WEB URL: <https://global.gotomeeting.com/join/580038117>.

AUDIO DIAL IN NUMBER: 1 877-568-4106

MEETING ID / ACCESS CODE: 580-038-117

MAY 31, 2017

1:00 P.M.

Minutes

STRUCTURAL TAC PRESENT:

Jim Schock, Chairman
Joe Hetzel
Warner Chang
Cris Fardelmann
Steve Strawn

CW Macomber
Daniel Lavrich
Jamie Gascon
Craig Parrino

STRUCTURAL TAC NOT PRESENT:

David Compton

Do Y. Kim

STAFF PRESENT:

Mo Madani
Justine Vogel
Chris Howell
Jim Hammers

Thomas Campbell
Norman Bellamy
Marlita Peters
Joe Bigelow

Welcome:

Time: 1:00 pm

Ms. Peters welcomed everyone to the concurrent teleconference meeting of the Structural TAC and Mechanical TAC.

Roll Call:

Ms. Peters performed roll call for the Structural TAC. A quorum was determined with 7 of 11 members present.

Agenda Approval:

Mr. Lavrich entered a motion to approve the agenda for today's meeting. Mr. Strawn seconded the motion. The motion passed unanimously with a vote of 7 to 0.

Approval of the Minutes from April 3, 2017

Mr. Lavrich entered a motion to approve the minutes from the April 3, 2017 meeting as posted. Mr. Fardelmann seconded the motion. The motion passed unanimously with a vote of 7 to 0.

Mr. Chang and Mr. Gascon joined the meeting making the total number of members present 9.

To review and accept final draft report for research project titled "Evaluation of the Cost Impact of Florida's Specific Changes to 2015 I-Code Changes (Prescriptive Code Changes)":

Mr. Madani provided a brief background of this project and stated this was limited to prescriptive provisions. He then asked Dr. Issa to provide the information on the final draft report.

Dr. Issa provided the details of this project including the cost impacts with a power point presentation.

Mr. Lavrich entered a motion to accept the report with the modification to remove the insurance rebate reduction information. Mr. Fardelmann seconded the motion. The motion passed unanimously with a vote of 9 to 0.

Recommend and discuss potential research topics for consideration by the Building Commission:

Mr. Madani provided a summary of the requirements for new projects to be considered. He then asked if there were any proposed research topics.

Mr. Schock stated he would like to expand the current UF project on disasters to include water intrusion requirements, flood provisions, and the CCL requirements.

Mr. Lavrich stated this is a broad scope and how this would be accomplished.

Mr. Schock responded and provided examples from St. John's County that go past wind study only.

Mr. Lavrich stated this could be done on a case by case basis.

Mr. Schock stated he would add an addendum to UF's ongoing project look at the technical issues.

Mr. Madani explained UF is a damage assessment project with a focus on wind.

Mr. Schock stated yes but to expand to floods, water intrusion etc. to learn and improve on the code.

Mr. Strawn asked if there are items left on the table that could be addressed or researched based on past experiences where there are gaps.

Mr. Schock stated if it helps this request, we could limit to one item at a time like using the CCL and address it and then move to an additional item.

Mr. Fardelmann asked if we could re-visit doing a code commentary as it is a valuable tool and helps with the enforcement of the code.

Mr. Madani responded that private entities took that over. However, they could not market the product due to low interest.

Mr. Schock proposed an additional project to look at seismic design. He said that he would like to see if it is reasonable to have a seismic design in Florida.

Mr. Lavrich asked if there is a need for this design and if there is proof of the need.

Recommend and discuss potential research topics for consideration by the Building Commission:

Mr. Gascon proposed a study on how buildings are to be designed in the future and how the code could consider sea level rise and sea level rise parameters.

Mr. Madani stated FEMA completed a study previously on this subject.

Mr. Gascon stated they have had no direct contact with FEMA but they have been working with AIA.

Mr. Lavrich stated sea level rise should be addressed environmentally.

Mr. Lavrich asked who currently makes the decisions.

Mr. Gascon advised it is the local jurisdiction.

Mr. Chang advised FEMA is on a set of flood elevation research documents that are held from 2012. He further stated NFIT will not release this report as properties would become uninsurable. Mr. Chang stated ASCE24 flood proof construction is not being enforced through jurisdictions.

Mr. Schock stated there is room to improve the code.

Mr. Madani stated the 2017 Code covers high hazard area changes.

Mr. Lavrich entered a motion to prioritize the proposals to be referred to the Commission as follows:

1. As proposed by Mr. Schock, storm aftermath research added to UF current research.
2. As proposed by Mr. Schock seismic design for Florida.
3. As proposed by Mr. Gascon sea level rise and sea level rise parameters.

Mr. Schock seconded the motion. The motion passed unanimously with a vote of 9 to 0.

Mr. Madani asked that all three presenters provide a clear definition and scope of work for the research project by the end of June for presentation at the August meeting.

Public Comment: None

Final Roll Call:

Ms. Peters performed the final roll call all 9 members were remaining on the call.

The meeting was adjourned at 2:01 p.m.