

**STRUCTURAL TECHNICAL ADVISORY COMMITTEE
CONCURRENT WITH THE
ROOFING TECHNICAL ADVISORY COMMITTEE
TELECONFERENCE MEETING FROM TALLAHASSEE, FLORIDA
WEB URL <https://global.gotomeeting.com/join/602854653>
AUDIO: DIAL-IN NUMBER 1 877-309-2073
CONFERENCE CODE: 602-854-653
April 27, 2018
10:00 A.M.**

Minutes

STRUCTURAL TAC PRESENT:

Jim Schock, Chairman	Warner Chang
David Compton	Cris Fardelmann
Eduardo Fernandez for Jamie Gascon	Joe Hetzel
Do Y. Kim	Daniel Lavrich
CW Macomber	Craig Parrino
Steve Strawn (Dick Wilhelm in@ 11am)	

STRUCTURAL TAC NOT PRESENT:

STAFF PRESENT:

Mo Madani	Justin Vogel
Tom Campbell	Chris Howell
Robert Benbow	Jim Hammers

GUEST IN TALAHASSEE OFFICE

Deborah Lawson, Government Affairs Consultant

MEETING FACILITATION:

The meeting was facilitated by Jeff Blair from the FCRC Consensus Center at Florida State University. Information at: <http://consensus.fsu.edu/>

Welcome:

Time: 10:00 am

Mr. Blair welcomed everyone to the concurrent teleconference meeting of the Structural TAC and the Roofing TAC. He provided information for the callers on how to mute systems to avoid background noise.

Roll Call:

Mr. Blair performed roll call for the Structural TAC. A quorum was determined with 11 members present.

Agenda Approval:

Chairman Schock called for a motion to approve the agenda.

Mr. Strawn entered a motion to approve the agenda for today's meeting as posted. Commissioner Compton seconded the motion. The motion passed unanimously with a vote of 11 to 0.

Approval of Minutes from July 27, 2017:

Chairman Schock called for a motion to approve the July 27, 2017 as posted.

Mr. Lavrich entered a motion to approve the minutes from July 27, 2017 as posted. Commissioner Compton seconded the motion. The motion passed unanimously with a vote of 11 to 0.

Review and accept interim draft report for research project titled "Evaluation of the Cost Impact and Benefit of the 2018 I-Code Changes (Prescriptive Code Changes)."

Mr. Madani provided the background for this project.

Dr. Raymond Issa, UF provided a power point update on the project.

TAC Comment: None

Public Comment: None

Chairman Schock asked for a motion to approve the report.

Review and accept interim draft report for research project titled “Evaluation of the Cost Impact and Benefit of the 2018 I-Code Changes (Prescriptive Code Changes).” (cont.):

Mr. Strawn entered a motion to accept the report for Evaluation of the Cost Impact and Benefit of the 2018 I-Code Changes (Prescriptive Code Changes). Commissioner Compton seconded the motion. The motion passed unanimously with a vote of 11 to 0.

Review and accept interim draft report for research project titled “Webinar Workshops on Evaluation of the Cost Impact of Prescriptive Code Changes.”

Mr. Madani provided the background for this project.

Dr. Raymond Issa, UF provided a power point update on the project.

TAC Comment: None

Public Comment: None

Chairman Schock asked for a motion to approve the report.

Commissioner Compton entered a motion to accept the report for “Webinar Workshops on Evaluation of the Cost Impact of Prescriptive Code Changes.” Mr. Lavrich seconded the motion. The motion passed unanimously with a vote of 11 to 0.

Review and accept interim draft report for research project titled “Cost Impact of the 2017 FBC-EB Section 707.3.2 Roof Diaphragm Reroofing Requirements”:

Mr. Madani provided the background for this project.

Dr. Raymond Issa, UF provided a power point update on the project. R.N. Sailappan, PE with Quest Engineering and Testing was also present on the call with Dr. Issa for questions.

TAC Comment:

Commissioner Schock inquired on the exception number 5 “This section does not apply to buildings permitted within the HVHZ after January 1, 1994 subject to the 1994 *South Florida Building Code*, or later editions, or where the building’s wind design is based on the wind loading requirements of ASCE 7-88 or later editions.” He asked if this is being included in consideration on the cost impact overall. Commissioner Schock also asked if there input on the storm damage on the pre-code roofing projects.

Mr. Sailappan explained the simulations being run and how the dates come into the report.

Review and accept interim draft report for research project titled “Cost Impact of the 2017 FBC-EB Section 707.3.2 Roof Diaphragm Reroofing Requirements” (cont.):

TAC Comment:

Commissioner Schock stated none of these cases would apply then and are we getting to the root of the issue.

Mr. Sailappan further explained the dates they are using.

Commissioner Swope explained they are not looking at those buildings.

Commissioner Schock stated he would look at it further to better understand.

Mr. Buckner also responded asking about the definition of diaphragm, he spoke on the code language regarding horizontal bracing systems. He stated cost should be included with the remedial construction cost.

Commissioner Schock stated he is more concerned on the cost impact for those buildings built prior to ASCE 7-88.

Mr. Chang spoke on the language should be changed under exception 3 and he feels it is more import to look at the roof deck.

Mr. Buckner stated maybe in the modification take out the wording diaphragm and replace with roof decking uplift.

Mr. Madani explained the entire purpose of this research and provided the background information of the need.

Mr. Rodriguez asked the roofs that are not in the exception how many will need to be enhanced and based on the numbers the code may not need to be changed.

Mr. Madani explained the process that is two part with detail of the need.

Mr. Sailappan explained the numbers and cost included.

Mr. Rodriguez explained the difference using the lightweight concrete verses ISO.

Commissioner Swope explained these are occupied buildings the need to keep ISO to ensure that the building stays closed.

Review and accept interim draft report for research project titled “Cost Impact of the 2017 FBC-EB Section 707.3.2 Roof Diaphragm Reroofing Requirements” (cont.):

TAC Comment:

Commissioner Schock stated that the impact in the State should be included and the impact on upgrading of structures and future storm damage.

Commissioner Swope spoke on the non-code compliant buildings.

Mr. Zehnal inquired on the cost analysis and if we are going to assume these are not compliant and do not meet the 75%.

Dr. Issa stated that is correct unless there is an inspection.

Public Comment:

Mike Silvers, FRSA offered the information on an existing study which he provided to the TACs.

Doug Buck, FHBA asked what is going to happen if people cannot afford the additional cost of this change and the impact it could have on citizens.

Mike Silvers stated that is the whole reason this study is being completed.

Chairman Schock asked for a motion to approve the report with the condition that the consultants review the TAC comments.

Mr. Lavrich entered a motion to accept the report for “Cost Impact of the 2017 FBC-EB Section 707.3.2 Roof Diaphragm Reroofing Requirements” with the condition that the consultants review the TAC comments. Commissioner Compton seconded the motion. The motion passed unanimously with a vote of 11 to 0.

Provide status update on the review process of the 2018 I-Codes changes and to review and discuss the TAC’s process for reviewing the 2018 I-Codes changes.

Mr. Madani provided a complete overview with power point presentations of the tracking charts, process, development and adoption, sample tracking chart, work plan and the meeting matrix.

TAC Comment: None

Public Comment: None

Provide status update on the review process of the 2018 I-Codes changes and to review and discuss the TAC's process for reviewing the 2018 I-Codes changes (cont.):

Mr. Blair provided a complete overview of the TAC review process for reviewing the 2018 I-Code changes.

TAC Comment: None

Public Comment: None

Mr. Buck asked that Mr. Blair include the language discussed during the Electrical TAC regarding no action requested on a code.

Mr. Blair stated yes this will be added to all TACs.

Ms. Lawson asked a question about Florida specific amendments.

Mr. Madani explained the process and that these codes will be addressed during the second phase.

Mr. Campbell provided additional guidelines for the upcoming TAC meetings in June.

TAC Comment: Commissioner Schock asked for clarification on specific needs for Florida, he said they are not speaking of a unique need for Florida and nowhere else, so you could have a specific need for Florida that is also a need in other parts of the country as well. He then asked Mr. Campbell if that is a correct interpretation.

Mr. Campbell advised yes.

Public Comment: None

Final Roll Call:

There being no further business before the TAC, Mr. Blair performed a closing roll call and there were 11 members still present on the line.

Adjourn:

Chairman Schock adjourned the TAC meeting at 11:37 a.m.