

**STRUCTURAL TECHNICAL ADVISORY COMMITTEE**  
**Hilton at University of Florida Conference Center**  
**1714 SW 35th Street**  
**Gainesville, Florida**  
**July 21, 2016**  
**8:30 A.M.**

**MINUTES**

**STRUCTURAL TAC PRESENT:**

Jim Schock, Chairman  
Steve Strawn  
Joe Hetzel  
Do Y. Kim  
Warner Chang  
David Compton

CW Macomber  
Craig Parrino  
Daniel Lavrich  
Jamie Gascon  
Cris Fardelmann

**STRUCTURAL TAC NOT PRESENT:**

**STAFF PRESENT:**

Mo Madani  
April Hammonds  
Marlita Peters  
Norman Bellamy

Jim Richmond  
Jim Hammers  
Chris Howell

**MEETING FACILITATION:**

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

**OTHERS PRESENT:**

Andrew Lovenstein, FSEA  
Amanda Hickman, InterCode  
James Bell, ASSA ABLOY  
Dale Nelson, Roofhugger  
Don Beers, Masonry Association of FL.  
Jessica Ferris, Millwork Alliance  
Laura Shepherd, Moffat and Nichol  
Steve Martin, State of Florida  
Eric Stafford, IVHS  
Vincent Sagan, Metal Building Manufactures Association

Paul Brous, FIDSI  
Lynn Miller, PGT  
Vincent Sogan MBWA  
Paul Coats, AWC  
Robert Fine, HRC, BAC  
Rem Brown, IBHS  
Joe Belcher, JDBCS  
Rebecca Quinn

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**Welcome:**

**Time: 8:30 am**

Mr. Blair welcomed everyone to the meeting of the Structural TAC in Gainesville, Florida.

**Roll Call:**

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

**Agenda Approval:**

Mr. Blair provided the agenda items for today's meeting and asked for a motion to approve the agenda as posted.

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

**Approval of the Minutes from June 14, 2016**

Mr. Gary Harshorn asked that a correction be made on page 4 where the word unanimously should be anonymously.

Mr. O'Connor entered a motion to approve the minutes as amended from the June 14, 2016 meeting. Mr. Lavrich seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**To review, accept public comments and comment on comments received regarding the TAC's actions on the proposed code modification for the 6<sup>th</sup> Edition (2017) update to the Florida Building Code.**

Mr. Blair provided instructions and procedures for today's process and voting. He also gave background on the items to be discussed.

Ms. Hammonds provided the groups with the instructions on the Sunshine Law and penalties there of.

Mr. Madani advised of the attachments and how they are collected and posted on the agenda.

**To review, accept public comments and comment on comments received regarding the TAC's actions on the proposed code modification for the 6<sup>th</sup> Edition (2017) update to the Florida Building Code.**

**Modifications:**

**6536 (A-4):**

Steve Strawn for Diana Hanson, AAMA explained the alternate language for A-4.

Mr. Strawn entered a motion for a straw poll to support alternate language on A-4. Mr. Gascon seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6957 (G-1):**

Steve Strawn for Diana Hanson, AAMA explained comment G-1 and their concerns.

**Public Comment:**

Joe Belcher, International Hurricane Protection Association, stated this language was changed due to a declaratory statement. He stated he does not support.

Eric Stafford, IVHS, stated he is not in support of G-1 comment.

Mr. Compton entered a motion for a straw poll to not support comment G-1. Mr. Kim seconded the motion. The motion passed unanimously with a vote of 10 to 1 with Mr. Strawn in opposition.

**6976 (A-2):**

Joe Belcher, Florida Independent Concrete and Associated Products Group explained the alternate language in A-2.

Mr. Perrino entered a motion for a straw poll to support alternate language on A-2. Mr. Compton seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6606 (A-5):**

Eric Stafford, IVHS stated that all modifications would be taken separately 6714, 6724 and 6740. Mr. Stafford explained A-5 on modification 6606.

**Modifications:**

Public Comment:

Paul Coates, AWC stated he is in support of this alternate language.

Mr. Lavrich entered a motion for a straw poll to support alternate language on A-5. Mr. Kim seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6958 (G-1):**

Steve Strawn for Diana Hanson, AAMA explained comment G-1 and their concerns.

Mr. Belcher, International Hurricane Protection Association stated he was opposed and provided reasoning.

Mr. Compton entered a motion for a straw poll to not support comment G-1. Mr. Perrino seconded the motion. The motion passed unanimously with a vote of 10 to 1 with Mr. Strawn in opposition.

**6977 (A-1):**

Joe Belcher, Florida Independent Concrete and Associated Products Group explained the alternate language in A-1.

Mr. Perrino entered a motion for a straw poll to support alternate language on A-1. Mr. Compton seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6974 (G-1):**

Steve Strawn for Diana Hanson, AAMA explained comment G-1 and their concerns.

Mr. Belcher, International Hurricane Protection Association stated he was opposed and provided reasoning.

Mr. Compton entered a motion for a straw poll to not support comment G-1. Mr. Kim seconded the motion. The motion passed unanimously with a vote of 10 to 1 with Mr. Strawn in opposition.

**Modifications:**

**6541 (A-4):**

Steve Strawn for Diana Hanson, AAMA explained alternate language in A-4 referencing ASTM standard.

Mr. Compton entered a motion for a straw poll to support alternate language on A-4. Mr. Strawn seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6430 (G-3, G-4, A-4 and A-1):**

Mr. Madani stated that the Code Administration TAC supported G-3 and did not support G-4, A-4 and A-1.

Mr. Schock provided handout and explanation of seismic loads with charts and evaluations provided in the handout. He provided a full explanation of his alternate language A-4.

Mr. Lovenstein, Engineers Association stated he supported the additional language in A-1.

Mr. Belcher, Florida Independent Concrete and Associated Products Group and FHBA stated they were in opposition to the amendments and explained the reason behind their decision.

Mr. Compton questioned Mr. Belcher on the reporting from engineers.

Mr. Belcher explained the one report from an engineer with a possible event but there were no damage report and he does not feel this is necessary. Mr. Belcher said this would be a good project for a workgroup or research project and then look at it again at a later time and support the staff on the language.

Mr. Stafford, IVHS stated they support G-3. He stated that they would be in favor of development of a work group would be the best way to look at this with further study.

Robert Fine, HRC, BAC stated they are in opposition of A-4 as they could not locate data to support looking at this issue, they would also support work group. They do support G-3.

Don Beers, MAF, stated they support the original language A1 and G3. He further stated they do not support G4 and A4 and it should be reviewed with a workgroup formation.

Mr. Lovenstein, FSEA, on A-1 provided rebuttal only on new structures and provided background.

**Modifications:**

Mr. Schock questioned peer review.

Mr. Lovenstein stated he used other engineers to look at calculations.

Mr. Schock provided further information on the calculations and he stated a design professional should look at it, it does not mean that the dollar value is as bad as presented and does not affect South Florida only North Florida.

Mr. Lavrich stated the question is there any evidence in recent or past history that were or were not built by seismic design that have had issues with seismic damage.

Mr. Compton agreed with Mr. Lavrich's comments. He said there is not a consensus there would be a need for a workgroup. He asked if FECA could support the workgroup.

Mr. Lavrich stated yes.

Mr. Hetzel asked how a workgroup would be formed. He said he felt this could be handled in the next cycle.

Mr. Madani explained the workgroup process and the Chairman of the Commission appoints the members of all work groups.

Mr. Kim explained his approach and stated he would support a work group and staff original recommendation.

**G-3:**

Mr. Compton entered a motion for a straw poll to support comment G-3. Mr. Hetzel seconded the motion. The motion passed unanimously with a vote of 10 to 1 with Mr. Schock in opposition.

**A-1, A-4 and G-4:**

Mr. Compton entered a motion for a straw poll to not support comment G-4 and alternate language A1 and A4. Mr. Hetzel seconded the motion. The motion passed unanimously with a vote of 10 to 0 with Mr. Fardelmann out of the meeting room.

**Modifications:**

**6462 (G-3 and G-4):**

Based on action on 6430.

Mr. Madani stated the Code Administration TAC supported G3 and G4.

Mr. Belcher, FHBA stated they are in support.

Mr. Compton entered a motion for a straw poll to support comment G-3 and G-4. Mr. Perrino seconded the motion. The motion passed unanimously with a vote of 11 to 0

**BREAK 9:52 a.m.**

**Reconvene 10:11 a.m.**

**6941 (A-2 and A-1):**

Mr. Belcher stated he had a typo the A-2 to correct.

Ms. Hickman, stated A-1 corrected a typo from ICC base code and updated standard.

Mr. Lavrich entered a motion for a straw poll to support comment A-1 and A-2. Mr. Gascon seconded the motion. The motion passed unanimously with a vote of 11 to 0

**6952 (G-1):**

Mr. Belcher explained his comments.

Mr. Stafford, IVHS stated he supports G-1.

Mr. Gascon was the original commenter last time and he is against this comment.

Mr. Perrino entered a motion for a straw poll to support comment G-1. Mr. Strawn seconded the motion. The motion passed unanimously with a vote of 9 to 2 with two members in opposition.

**6381(G-1):**

Jim Bell, ASSA ABLOY stated he affirmed the continued no affirmative recommendation.

Mr. Compton entered a motion for a straw poll that no comment is needed on G-1. Mr. Gascon seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**Modifications:**

**6544 (A-1):**

Steve Strawn for Diana Hanson, AAMA explained the editorial fix on A-1.

Mr. Strawn entered a motion for a straw poll to support A-1. Mr. Chang seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6812 (A-1 and G-2):**

**A-1:**

Joe Belcher, FHBA explained the alternate language and who was involved in making this total change.

Paul Brous, FIDSI provided handouts at the meeting that would offer more definition of custom doors. He explained the posture of the FIDSI and that they are opposed to A-1.

Mr. Belcher opened discussion on who gathered this information.

Mr. Strawn spoke in support of A1.

Mr. Bell stated there are issues with impact and pressure for testing.

Mr. Strawn entered a motion for a straw poll to support A-1. Mr. Perrino seconded the motion.

There was detailed discussion of custom doors and testing.

Mr. Gascon stated the way this is presented it is specific as one of a kind design and tweaked custom door design.

Mr. Kim stated he supported Mr. Gascon's comments.

Mr. Fardelmann stated Building Officials should be able to determine.

Mr. Hetzel affirms the comments from Mr. Fardelmann.

Mr. Belcher responded.

The motion came to the vote. The TAC voted 7 in favor and 4 against this language. The motion failed.

**Modifications:**

**6812 (G-2):**

Mr. Kim entered a motion for a straw poll that no comment is needed on G-2. Mr. Gascon seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6815 (G-2 and G-3):**

Mr. Belcher, FHBA explained G-2 comment.

Mr. Bell, ASSA ABLOY explained G-3 and that TAC previously supported G-3.

Mr. Brous, FIDSI, provided additional explanation of support on G-3.

Mr. Belcher, FHBA stated they are opposed to G-3 and explained the decision.

Mr. Bell provided a rebuttal.

Mr. Strawn entered a motion for a straw poll to support G-2. Mr. Perrino seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6961 (G-2):**

Mr. Bell, ASSA ABLOY stated he is retaining prior vote.

Mr. Strawn entered a motion for a straw poll that no comment is needed on G-2. Mr. Gascon seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6829 (A-1):**

Joe Belcher, MAF stated he is supporting original submittal.

Mr. Compton entered a motion for a straw poll not to support A-1. Mr. Gascon seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6835 (A-1):**

Joe Belcher, MAF stated he is supporting original submittal.

Mr. Compton entered a motion for a straw poll not to support A-1. Mr. Gascon seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**Modifications:**

**6598 (A-2):**

Mr. Sagan, Metal Building Manufacturers Association explained the alternate language.

Dale Nelson, Metal Contractors Association stated they were in support of A-2.

Mr. Gascon entered a motion for a straw poll to support A-2. Mr. Hetzel seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6883 (A-4 and G-1):**

Mr. Madani advised the Special Occupancy TAC supported A4 and G1.

Steve Martin, State of Florida, provided background of this language and asked for support.

Rebecca Quinn, RC Quinn, provided additional background and stated this proposal replaces the original proposal.

Robert Fine, HRC, BAC stated they are in support of A4 and G1.

Mr. Belcher, FHBA and MAF stated they are also in support.

Mr. Schock entered a motion for a straw poll to support A-4 and G-1. Mr. Compton seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6537 (A-5 and A-6):**

Mr. Strawn on behalf of Diane Hanson provided detail and worked with proponent of A-5 and will support A-6.

Mr. Miller stated he is withdrawing A-5 in support of A-6.

Mr. Strawn entered a motion for a straw poll to support A-6.. Mr. Compton seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**Modifications:**

**A-5:**

Mr. Madani stated A-5 was withdrawn by proponent.

Mr. Compton entered a motion for a straw poll for no comment on A-5. Mr. Hetzel seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6714 (A-4 and G-4):**

Mr. Stafford and Mr. Coats provided information on the alternate language and comment.

Mr. Compton entered a motion for a straw poll to not support comment on G-4 and alternate A-4. Mr. Hetzel seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6724 (A-1):**

Mr. Stafford advised he is staying on previous comments.

Mr. Compton entered a motion for a straw poll to not support A-1. Mr. Hetzel seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6813 (A-1):**

Mr. Belcher, FHBA provided explanation of alternate language proposed.

Mr. Brous, FIDSI stated he is opposed and provided examples.

Mr. Bell, ASSA ABLOY stated there needs to be a better definition to avoid abuse of this process.

Mr. Belcher provided rebuttal.

Mr. Strawn entered a motion for a straw poll to support A-1. Mr. Perrino seconded the motion. The motion failed with a vote of 7 members in favor and 4 members against.

**6814 (A-1 and G-2):**

Mr. Belcher FHBA explained this is a full replacement and provided detail.

Mr. Bell, ASSA ABLOY stated he is against and provided explanation.

Mr. Ferris, Millwork Alliance stated that they are in support.

Mr. Belcher included all agency people that supported this language.

Mr. Brous, FIDSI stated he is not in favor.

**Modifications:**

**6814 (A-1 and G-2) (cont.):**

Mr. Strawn entered a motion for a straw poll to support A-1. Mr. Perrino seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6896 (A-1):**

Mr. Belcher MAF explained the alternate language.

Mr. Strawn entered a motion for a straw poll to support A-1. Mr. Perrino seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6740 (A-1):**

Eric Stafford, IVHS provided detail on the alternate language.

Mr. Compton entered a motion for a straw poll not to support A-1. Mr. Chang seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**6611 (A-1):**

Vincent Sagan, Metal Building Manufacturers Association provided prior comments and further explanation.

Mr. Gascon entered a motion for a straw poll to support A-1. Mr. Hetzel seconded the motion. The motion passed unanimously with a vote of 11 to 0.

There being no further comments or business Mr. Blair adjourned the meeting at 11:41 a.m.