

**FLORIDA BUILDING COMMISSION
PLENARY TELECONFERENCE MEETING
CALL-IN NUMBER: United States: 1-(877) 309-2073
WEB PARTICIPATION URL: <https://global.gotomeeting.com/join/410547109>
MEETING ID/ACCESS CODE: 410-547-109
June 27, 2017
2:00 PM**

MINUTES

COMMISSIONERS PRESENT:

Dick Browdy, Chairman	Shane Gerwig
Steve Bassett	David Gilson
James Batts	Richard Goff
Bob Boyer	Jeff Gross
Donald Brown	Brian Langille
Kelley Smith Burk	Brad W. Schiffer
Oscar Calleja	Frederick Schilling
David Compton	James Schock
Nan Dean	Drew Smith
Kevin Flanagan	Brian Swope
Charles Frank	Diana Worrall

COMMISSIONERS NOT PRESENT:

Hamid Bahadori	Jay Carlson
Robert Hamberger	Jeff Stone

OTHERS PRESENT:

Thomas Campbell	Mo Madani
Justin Vogel	Chris Howell
Jim Hammers	

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: 2:00 pm

Chairman Browdy welcomed Commissioners, staff, and members of the public to the June 27, 2017 Florida Building Commission teleconference meeting. He advised that the specific purpose of today's meeting is to receive an update on HB 1021 supplement, to review proposed list of prices for the 6th Edition (2017) Florida Building Code and to discuss the final draft of the survey and investigation of building damaged by Category II Hurricane in FY 2016-2017 – Hurricane Mathew (2016).

Roll Call:

Jeff Blair performed roll call, a quorum was met with 20 members present at roll call.

Agenda Review and Approval:

Mr. Blair provided the agenda topics for the call and asked for a motion to approve the agenda.

A motion was entered by Commissioner Schiffer to approve the agenda. The motion was seconded by Commissioner Boyer. The motion passed unanimously 20 to 0.

HB 1021 supplement:

Chairman Browdy advised that the 2017 Legislature passed HB 1021 requiring the Commission to amend the 6th Edition (2017) Florida Building Code to incorporate specific provisions regarding: eliminating the requirement for a door self-closing device pursuant to R302.5.1; substitution of door components pursuant to R609.10; and, mechanical systems and service water-heating systems commissioning and completion requirements, plan and reporting pursuant to C408.2, C408.2.1, and C408.2.4 respectively, the Supplement will incorporate these Code changes into the 6th Edition (2017) Florida Building Code. He advised that Tom Campbell will provide the Commission with an update on the HB 1021 Supplement, which is linked to the Commission Agenda.

Mr. Campbell advised that HB 1021 was signed by the Governor on Friday and will become law effective July 1, 2017. He stated the supplement that was approved by the Commission on May 12, 2017 will be part of 6th Edition, 2017 Florida Building Code.

Commission Comments/Questions:

Commissioner Schiffer asked if this will also apply to the current code 5th Edition.

HB 1021 supplement (cont.):

Mr. Campbell responded stated that those changes will need to be made through a separate rule. He stated that we are going to use Rule 1.005 and will bring that to the Commission in August for their review.

Mr. Campbell further advised the Commission that since the changes are in statute even though the Code will not reflect the changes yet they will still be the governing law should we receive an issue it would be addressed as the new statute mandates.

Review proposed list of prices for the 6th Edition (2017) Florida Building Code:

Chairman Browdy advised that with each update to the Florida Building Code the ICC, the organization that publishes the Code, proposes a price schedule for the sale of the updated Code. He said the Code is available in individual volumes and in combination collections. Chairman Browdy stated that the proposed pricing schedule is linked to the Agenda.

Chairman Browdy stated that ICC staff is on the call and will provide a summary of the proposed list of prices for the 6th Edition (2017) Florida Building Code and answer any Commissioner questions.

Mark Johnson, ICC stated he is on the call for any questions from the Commission.

Comments: None

Discuss the Final draft of the “Survey and Investigation of Building Damaged by Category II Hurricane in FY 2016-17 – Hurricane Mathew 2016”:

Chairman Browdy advised that the Department (DBPR) has an annual contract with UF to investigate storm damage in the event a Category III hurricane impacts Florida (Titled: “Survey and Investigation of Buildings Damaged by Category III Hurricanes”). He stated as reported at the October 2016 meeting, UF deployed their Building Codes Triage Team to investigate and collect buildings damage data from the impacts of Hurricane Matthew. Chairman Browdy advised that the focus of the investigations was primarily for residential construction. He also stated that at the October 2016 meeting the Commission expressed support for UF conducting follow-up research from the impacts of Hurricane Matthew, and DBPR staff contracted with UF to follow-up as requested. Chairman Browdy said at the May 12, 2017 Teleconference meeting the Commission voted unanimously to accept UF’s Interim Report titled: “Survey and Investigation of Buildings Damaged by Category III Hurricanes in FY 2016-17—Hurricane Mathew 2016.”

Discuss the Final draft of the “Survey and Investigation of Building Damaged by Category II Hurricane in FY 2016-17 – Hurricane Mathew 2016” (cont.):

Chairman Browdy stated at this time Dr. David Prevatt will provide the Commission with an overview of the final report and answer any Commissioner questions.

Dr. Prevatt provided background of the study and advised that this report will include the purpose, past project milestones, scope and additions from the last report. He then asked Dr. Roueche to provided summary of the project.

Dr. Roueche provided an updated report of the wind related damages and provided information on the pre-2001 and post-2001 built homes. He detailed what was discovered on structural failures and advised this information was based on homes that were pre-1992

Dr. Roueche stated the surveyed areas were Flagler Beach and Marineland, Florida. He provided a chart with the number of homes looked at through a ground survey and UAV aerial survey. Dr. Roueche discussed slides of homes with damages. He also provided the locations and the damages that occurred to houses stating that roofing damages was the most prominent. He did include information on soffit damage, vinyl fencing damage and window failure.

Dr. Prevatt provided a summary of the reported financial losses.

Dr. Roueche provided a summary of the UF survey augmented with aerial imagery from Flagler County DEM. He advised for the most part the damages were to the roof, but not limited to the roof.

Dr. Roueche explained a chart showing that pre-2001 Florida Building Code buildings were three times more likely to have observable damage. In his next chart he explained the damage rates steadily decreasing in post-1992 buildings. He advised that there were a few caveats which he provided to the Commission regarding age of building, age of roof, location of a building to coastline, wind speeds, and observable damage predominately to roof cover.

Dr. Prevatt provided conclusions and future proposals. He stated he will wait for further instructions and guidance from the FBC staff. Dr. Prevatt also spoke to the use of subcontractors and will continue to follow policy unless directed otherwise from staff.

Chairman Browdy stated the concerns that subcontractors were all Florida based and that special treatment would be allowed. He further stated that Dr. Prevatt addressed this as the concern was to have subcontractors that could perform these tasks in a timely manner. Chairman Browdy stated this is right for discussion with Commission staff so that we can be in a better position to have a policy in place when we receive comments such as we did this past year.

Discuss the Final draft of the “Survey and Investigation of Building Damaged by Category II Hurricane in FY 2016-17 – Hurricane Mathew 2016” (cont.):

Commissioner Schock advised that he is joining the meeting, time 2:30 p.m.

Commissioner Comments/Questions:

Commissioner Brown inquired about a relatively new home located in the Marineland community with significant shingle damage and that did not have a secondary water barrier.

Dr. Prevatt stated yes, it was a two story home built in 2015 with asphalt shingle roofing and felt paper backing and the damage appears to be from the middle of the roof.

Commissioner Brown asked if this was from substandard code construction.

Mr. Madani stated that secondary water barriers are not required for new construction so the underlayment was sufficient.

Commissioner Brown asked if the shingles were attached in compliance with the code and if so it would appear that there was a failure at the inspection phase along the way.

Commissioner Worrall asked if there were any comparisons made when the study was done as to the types of roofs, shingle, tile, etc.

Dr. Prevatt advised they did not see sufficient numbers beyond asphalt shingles to make any determination.

Dr. Prevatt spoke on the prior research of asphalt shingles and issues that were discovered. He said the house in question built in 2015 could have had issues with the curing of the application.

Commissioner Swope stated the sealant should have cured and this should not have occurred and wondered if it was hit with debris.

Public Comment:

Doug Buck, FHBA expressed concerns of what is a failure of the code verses a failure of construction. He also asked Mr. Madani about the soffit failure and if there were code updates to address this issue and he needed the years that this occurred.

Mr. Madani stated this was completed in 2004 and went into the code in 2010 and now the code has language on soffits. Product approval has specific requirements on soffits.

Discuss the Final draft of the “Survey and Investigation of Building Damaged by Category II Hurricane in FY 2016-17 – Hurricane Mathew 2016” (cont.):

Dr. Prevatt stated they can look at it at what went into the code.

Commissioner Goff joined the meeting at 2:40 p.m. He asked Dr. Prevatt if the pitch of the roof on the 2015 home high and taken into account of the surrounding roofs.

Dr. Prevatt stated there were quite a few two story homes but none right next to this home. He said it was on the windward side and there was nothing to suggest anything out of the ordinary. Dr. Prevatt stated there was a higher volume of roof failures on the north facing side. He said there could be some installation issues but there is no way to determine.

Chairman Browdy advised that if there is no further discussion, Commissioners I would ask for a [motion](#) to accept the Final Report titled: “Survey and Investigation of Buildings Damaged by Category III Hurricanes in FY 2016-17—Hurricane Mathew 2016.”

Commissioner Brown entered a [motion](#) to accept the Final Report titled: “Survey and Investigation of Buildings Damaged by Category III Hurricanes in FY 2016-17—Hurricane Mathew 2016.” Commissioner Goff seconded the motion. The motion passed unanimously with a vote of 22 to 0.

Chairman Browdy stated he felt it was necessary to ask that the public be made aware of this report so that they are aware of the work that is being done behind the scenes on the code.

Mo Madani stated that Dr. Prevatt provided information for the expansion on this project. He said it has always been on wind, but per request of Commissioner Schock to include flood damage to certain extent. Mr. Madani asked if that is his understanding expansion of the scope to include flood damage.

Chairman Browdy stated yes.

Public Comment: None

Commissioner Comment:

Commissioner Schiffer spoke on the pricing of the book and asked about enhancement of the site to be more user friendly.

Mr. Campbell said they are already looking at this and working with ICC to make this better, and stated they are looking at pricing now.

Commissioner Comment (cont.):

Commissioner Bassett inquired of the ICC if there could be a discount when a customer is purchasing the hard bound versions and the electronic versions together as currently they are being charged full price for each.

Mark Johnson, ICC stated they can definitely explore that possibility; he would look into it and report back to the Commission.

Mr. Campbell advised the Commission that the link for the Embassy Suites in Deerfield is now on the BCIS, so they can start making reservations. He stated there will be a TAC Chair meeting at 1 pm on the 7th and then the Commission Meeting on the 8th.

Final Roll Call:

Mr. Blair performed a final roll call; all 22 members were remaining on the line. NOTE: Two Commissioners joined during the call as noted above in the minutes.

Adjournment:

Commissioner Brown entered a motion to adjourn. Commissioner Schiffer seconded the motion. The motion passed unanimously with a vote of 22 to 0.

The meeting at 3:01 p.m.