



**FLORIDA
BUILDING
COMMISSION**

"STRONGER CODES THROUGH SCIENCE AND CONSENSUS"



**FACILITATOR'S SUMMARY REPORT OF THE
APRIL 30, 2018**

TELECONFERENCE PLENARY MEETING

TALLAHASSEE, FLORIDA

PROCESS DESIGN, CONSENSUS-BUILDING AND FACILITATION BY



CONSENSUS CENTER

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FLORIDA BUILDING COMMISSION

APRIL 30, 2018 TELECONFERENCE MEETING SUMMARY REPORT



OVERVIEW OF COMMISSION'S KEY ACTIONS AND DECISIONS

MONDAY, APRIL 30, 2018

OPENING AND MEETING ATTENDANCE

The meeting was opened at 10:05 AM, and the following Commission members participated:

Jay Carlson (Chair), Steve Bassett, James Batts, Bob Boyer, Don Brown, Kelley Smith Burk, Oscar Calleja, Dave Compton, Nan Dean, Kevin Flanagan, Shane Gerwig, David Gilson, Richard Goff, Jeff Gross, Robert Hamberger, Brian Langille, Brad Schiffer, Fred Schilling, Jim Schock (Vice-Chair), Drew Smith, Jeff Stone, Brian Swope, Don Whitehead, and Diana Worrall.

(24 of the 25 currently seated Commissioners attended—92%).

Absent Commissioners:

Hamid Bahadori.

DBPR Staff Present

Tom Campbell, Jim Hammers, Chris Howell, Mo Madani, and Justin Vogel.

Public Present

There were no members of the public present.

Meeting Facilitation

Commission meetings are facilitated by Jeff Blair from the FCRC Consensus center at Florida State University. Information at: <http://consensus.fsu.edu/>



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PROJECT WEBPAGE

Information on the Florida Building Commission project, including agenda packets, meeting reports, and related documents may be found at the Commission Webpage. Located at the following URL: <http://floridabuilding.org/c/default.aspx>

STATEMENT OF TELECONFERENCE PARTICIPATION PROCESS

Jeff Blair reviewed the teleconference participation process with participants reminding them that it is important to keep their phones on mute to minimize background noise, not to put their phones on hold, and to wait until invited to speak to avoid confusion and chaos. Jeff emphasized that all participants will have ample time to speak on all substantive agenda items. Participants were reminded to state their names each time they speak.

AGENDA REVIEW AND APPROVAL

The Commission voted unanimously, 20 - 0 in favor, to approve the agenda for the April 30, 2018 teleconference meeting as presented/posted. Following are the key agenda items approved for consideration:

- To Approve Agenda
- To Hear Executive Director's Report
- To Provide Status Update Regarding Phase II of Hurricane Irma Damage Survey
- To Hear Public Comment
- To Hear Commissioner Comments

Agenda Amendments:

There were no amendments to the posted agenda.

The agenda and relevant linked attachments are available at the following URL:

http://www.floridabuilding.org/fbc/commission/FBC_0518/FBC_Conf_Call_Agenda.htm.

(Attachment I—Agenda)

MEETING SUMMARY AND OVERVIEW

At the April 30, 2018 Teleconference Commission meeting the Commission received: an Executive Director's report; and, a status update regarding Phase II of Hurricane Irma Damage Survey.

EXECUTIVE DIRECTOR'S REPORT

Tom Campbell, FBC Executive Director, briefed the Commission on the following issues:

October Commission Meeting Location and Date

Tom reported that the October 2018 Commission meeting would be a one and one-half day meeting conducted on October 8 and October 9, 2018. The 8th will start early afternoon and will focus on regular procedural issues including product and entity approvals, applications for accreditor and

course approvals, petitions for declaratory statements, accessibility waivers, and recommendations from our various committees and workgroups. In addition, stakeholders will be requested to identify which specific 2018 I-Code changes they want the Commission to consider pulling from the consent agendas for individual consideration. The second day of the meeting, October 9th, will start at 8:30 AM and focus on the Commission's decisions regarding TAC recommendations for 2018 I-Code changes for inclusion in the 7th Edition (2020) Florida Building Code. The final details for the meeting are being evaluated, and the meeting location will be announced as soon as the logistics are settled.

Special Occupancy TAC Meeting

Tom indicated that the I-Codes changes review meeting for the Special Occupancy TAC will be held on June 8, 2018 and will be an in-person meeting conducted in Tallahassee. The meeting will be at the Betty Easley Conference Center, Room 180, 4075 Esplanade Way.

STATUS UPDATE REGARDING PHASE II OF HURRICANE IRMA DAMAGE

Chairman Carlson remarked 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). Immediately after Hurricane Irma UF deployed their Building Codes Triage Team to investigate and collect buildings damage data from the impacts of the Hurricane. The focus of the investigations pursuant to the contract was primarily for residential construction.

The Chair noted that at the October 9, 2017 meeting the Commission received a briefing from the University of Florida regarding preliminary assessments of the impact of Hurricane Irma on the State. Subsequently, the Commission voted to authorize DBPR staff to develop a project scope based on Commissioner and public comments provided during the meeting for a Phase II formal damage assessment regarding the impacts of Hurricane Irma and the effectiveness of the Florida Building Code, and to develop the scope in consultation with the chairs of the Roofing and Structural TACs, and to negotiate and proceed with contracting with the University of Florida for conducting the research project. This was implemented pursuant to the Commission's direction, and the Phase II investigation was initiated.

The Chair introduced Dr. David Prevatt of UF who provided a status update regarding Phase II of Hurricane Irma Damage. Dr. Prevatt provided the Commission with a presentation titled: Phase II – Damage Investigation Following Hurricane Irma in Florida – Interim Report.” In addition, a background document titled: “Performance of Single-Family Residential Buildings in Hurricane Irma – Evaluating the Impact of the 1st March 2002 Florida Building Code and Homeowner/Occupant Survey on Risk Perceptions, Mitigations, Evacuation,” was posted to the BCIS.

David noted that the University of Florida's Wind Hazard Damage Assessment Group cataloged the damage to over 1,100 homes distributed throughout Florida. Using this dataset, the team will select approximately 100 homes for further study. Homeowners/Occupiers will be contacted and interviewed to share their experience during the hurricane and associate evacuation, as well as to detail the extent of interior damage their residences suffered, and their economic losses.

David explained that the Interim Report summarizes UF's work performed and results for Phase II of the project. UF leads this exercise, along with sub-contractor, Auburn University and Consultant Carnegie-Mellon University. The research will extract additional data from UF's post-Hurricane Irma damage survey, specifically to evaluate the effectiveness of the Florida Building Code on the structural performance of residential structures affected by hurricane-strength winds and storm surge. The report is divided into three sections summarizing the efforts of the three participating universities to date, and cataloguing remaining work.

Following is a summary of the Phase II Scope of Work:

Phase II Scope

Task 1: Data curation and analysis of damage observations of (1,000+) houses surveyed

- Photographic data from survey (Fulcrum App)
- Meta-data on Community (Appraiser's websites)
- Document peak wind speed and storm surge height (if any)

Task 2: Select a subset of houses (approximately 100), evaluate interior damage, and costs

- Develop structured interview questions (interior damage and costs due to water leakage)
- Obtain the approval of Carnegie Mellon University's Internal Review Board
- Collect information on their evacuation patterns, and tendencies
- Assess homeowners' opinion about doing structural retrofits, permitting for repairs
- Recruit up to 100 homeowners from the surveyed houses
- Transcribe responses of homeowners
- Analyze the data into *Before/After* 1 March 2002 categories

Objective

Evaluate the Impact of the Florida Building Code on performance of residential structures in Hurricane Irma

Gabrielle Wong-Parodi from Carnegie-Mellon University reviewed the letter her team sent to homeowners impacted by Hurricane Irma to determine whether they would be willing to participate in a survey. This information will provide additional data for the project.

David Roueche from the University of Auburn reviewed the research tasks being conducted by his team as follows:

- Augment building damage database developed from the ground-based surveys with year built, and, when available, structural framing system and exterior cladding materials using county property appraiser databases.
- Obtain design wind speeds and wind-borne debris regions from the Florida Building Code for communities in which ground-based surveys have already been completed.
- Determine location of communities and surveyed homes relative to the coastal construction control line (CCCL) specified by the Florida Department of Environmental Protection.

- Estimate storm surge elevations occurring in each region at subdivision scale using observations from the United States Geological Survey (USGS) and local observations from the ground-based survey teams.

Following the presentations an opportunity was presented for Commissioner questions and answers and discussion. Subsequently the same opportunity was provided to the public.

GENERAL PUBLIC COMMENT

Members of the public were offered an opportunity to provide comment during each of the Commission's substantive discussion agenda items. In addition, Chairman Carlson invited members of the public to address the Commission on any issues under the Commission's purview.

There were no general public comments offered.

COMMISSION MEMBER COMMENTS AND ISSUES

Chairman Carlson invited Commission members to offer any general comments to the Commission.

There were no Commissioner comments offered.

ADJOURN

The Chair thanked Commission members, staff and the public for their participation, and following a second roll call confirming a quorum (24 members were present) the Chair adjourned the meeting at 11:15 AM on Monday, April 30, 2018.

ATTACHMENT I
MEETING AGENDA

FLORIDA BUILDING COMMISSION
10:00 A.M. ET UNTIL COMPLETION
TELECONFERENCE MEETING FROM TALLAHASSEE, FLORIDA

1. PLEASE JOIN MY MEETING.

<https://global.gotomeeting.com/join/410547109>

2. JOIN THE CONFERENCE CALL:

UNITED STATES (TOLL-FREE): 1 877 309-2073

MEETING ID / ACCESS CODE: 410-547-109

AUDIO PIN: SHOWN AFTER JOINING THE MEETING

MEETING OBJECTIVES

- To Approve Agenda
- To Hear Executive Director's Report
- To Provide Status Update Regarding Phase II of Hurricane Irma Damage Survey
- To Hear Public Comment;
- To Hear Commissioner Comments

MEETING AGENDA—APRIL 30, 2018

All Agenda Times—including Adjournment—are Approximate and Subject to Change

10:00 a.m.	1.)	Welcome and Opening, Roll Call
	2.)	Review and Approval of Meeting Agenda
	3.)	Executive Director's Report
	4.)	To Provide Status Update Regarding Phase II of Hurricane Irma Damage Survey
	5.)	Public Comment
	6.)	Commissioner Comment
	7.)	<i>Adjourn</i>

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Note: This document is available to any person requiring materials in alternate format upon request. Contact the Department of Business and Professional Regulation, 2601 Blair Stone Road, Tallahassee, Florida 32399 or call 850-487-1824.