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**Storm Resiliency & Infrastructure Development Review Committee Meeting
Approved Meeting Minutes for March 15, 2019
Location: City Hall, 117 W. Duval Street, Suite 400, Mayor's large Conference Room**

Meeting Convened: 1:30 PM

Mr. Mousa opened the meeting and asked everyone to introduce themselves for the record. For attendance purposes, the sign in sheet is attached to the minutes.

Review/Approval of Meeting Minutes 3.1.19

Mr. Mousa asked for a motion to review/approval of minutes from March 1, 2019. CM Boyer made the motion and John Pappas offered the 2nd. Mr. Mousa asked if there were any edits, comments or corrections. Susan Kaynor commented that the minutes reflected her agency as FDEP instead of the U.S. Army Corp of Engineers. Minutes were corrected. No other comments were offered and the meeting minutes of March 1, 2019 were approved as amended by the Committee.

Agency Presentations

The first presentation was Constructing Living Shorelines Janice Price, FDEP. The PowerPoint presentation is attached. There were discussions regarding the permitting process and the type of consultants for permitting the various options for living shorelines.

The next presentation was criteria for impervious area runoff from FDEP. There is no handout for this presentation, however Junhong Shi, P.E. provided a detailed discussion on the topic of impervious area designs.

The next presentation was Rainfall Intensity presented by Eric Denfeld, Navy Representative. The handout is attached for reference. Eric mentioned there is a current project by US DOT to update rainfall intensity charts used for storm water design. These charts will take into account increasing rainfall intensity. Eric stated that Dr. David Zierden, Florida State Climatologist, Florida Climate Center, is willing to come and speak to the group regarding Rainfall Intensity if the committee desires additional information.

Glenn Landers from USACE stated they could research hydraulic condition changes in relation to rainfall intensity and present at next meeting.

The next discussion was from Tom Kallemeyn, FDEP to review current processes, identify gaps and improve the process. Mr. Kallemeyn stated he is working to create a subcommittee to include the St. Johns Water Management, FDEP, City of Jacksonville, and other partners to review current state of compliance, identify the current issues, opportunities to move forward, and coordination with other agencies.

The next discussion was information on Rainfall Intensity and Sea Level Rise Projections by Deryle Calhoun, JEA. Mr. Calhoun stated JEER had engaged Jacobs Engineering Group to review rainfall analysis, sea level rise, coastal surge, St. Johns River flooding and inlet flooding.

The Committee agreed to invite Jacobs to present the Executive Summary at one of the future committee meetings. Mr. Calhoun will confirm a date with Jacobs and inform Marlene to schedule.

The last presentation was by John Pappas, Public Works, on New Development Revised Drainage Design Criteria Considerations. The PowerPoint is attached and includes the following topics:

- Soil permeability on filled lots
- Expansion of pre-development survey
- Maintenance of drainage plans
- Backyard drainage swales
- Shorten life of 10 set review
- Enhancing the bypassing of offsite stormwater
- Design standard related to lot coverage impervious consumption
- Compare City's current building code to Palm Coast Ordinance
- Forestry – water consumption documented per tree size on existing property.

The Committee agreed and approved the expansion of pre-development survey. The approval of this item will cover enhancing the bypassing of offsite stormwater.

CM Boyer stated she has information from surrounding counties regarding their pervious surface percentages that is listed in their zoning codes. CM Boyer will provide this information to Marlene for distribution to the Committee.

The Chair stated that the topic of design standard related to lot coverage impervious consumption, be held for a future meeting until we see the documentation that CM Boyer will provide to the Committee.

The following items will remain open from John Pappas's presentation and John will present updates at the April 12, 2019 meeting.

- Soil permeability on filled lots
- Maintenance of Drainage plans
- Backyard drainage swales

- Shorten life of 10 set review
- Design standard related to lot coverage impervious consumption
- Comparison matrix to compare City of Jacksonville Building Code and drainage requirements to Palm Coast ordinances. John will work with Bill Killingsworth on this item.
- Forestry – water consumption documented per tree size on existing property.

Mr. Mousa asked John Pappas to provide information at the next meeting on our existing drainage systems and potential hardening thereof. The information will include the location, what they are comprised of, miles of outfall ditches, and the ages of storm systems, etc. The focus should be on the areas that were impacted by Hurricane Irma.

Public Comments

Speakers included:

Jim Seaton – Riverside resident

Lisa Rinaman – St. Johns Riverkeeper

Bruce Mowry - Stantec

Mr. Mousa reiterated the topic, enhanced wetland protection that Ms. Rinaman would like to see the committee address will be addressed at a future meeting. Ms. Rinaman stated she would forward to Marlene two bills that are currently going through the legislation process in Tallahassee regarding the planning and permitting in relation to sea level rising.

Mr. Mowry stated he has several documents he will forward to Marlene for distribution to the Committee.

Next Meeting

The next scheduled meeting is Friday, March 29, 2019, 1:30 pm.

Meeting Adjourned: 3:38 PM

The written minutes for this meeting are only an overview of what was discussed, for any questions please contact Marlene Russell at marlener@coj.net.

Attachments:

Meeting package March 15, 2019:

- Agenda
- Sign in Sheet
- Approved Minutes – March 1, 2019
- Copies of presentations:
 - FDEP – Living Shorelines
 - Navy – Rainfall Intensity
 - Public Works – New Development Revised Drainage Design Criteria Considerations