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**Storm Resiliency & Infrastructure Development Review Committee Meeting
Meeting Minutes for March 1, 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 2.25.19

Mr. Mousa asked for a motion to review/approval of minutes from February 25, 2019. CM Boyer made the motion and John Pappas offered the 2nd. Mr. Mousa asked if there were any edits, comments or corrections. Mark Evans commented that on the member listing the member and liaison were reversed for him and Susan Kaynor. No other comments were offered and the meeting minutes of February 25, 2019 were approved as amended by the Committee.

Committee Member Listing

Mr. Mousa explained that Marlene Russell had received correspondence from various jurisdictional agencies, and for procedural and policy reasons they are unable to be a voting member. The US Army Corp, FDEP, and SJRWMD will not have a voting member on the committee; they will be considered Committee Liaisons or participants. Mr. Mousa stated that voting members are annotated on the committee member listing with a VM next to their name, and others are identified as Committee Liaison's. For the record, the Committee Voting Members are: Sam Mousa, CM Lori Boyer, John Pappas, Marc May, Eric Denfeld, CM Jim Love and Deryle Calhoun. The updated Committee Member Listing is attached as described above.

Agency Presentations

Mr. Mousa stated we have the following presentations scheduled today:

- FDEP – Creating More Resilient Florida Coastlines – Whitney Gray
- Public Works – COJ Infrastructure Development Drainage Design Criteria – John Pappas
- Public Works – New Development Identified Adverse Drainage impacts – John Pappas
- US Army Corps of Engineers – Mark Evans

The first presentation was by Whitney Gray, FDEP on Creating More Resilient Florida Coastlines. The PowerPoint presentation is attached. Ms. Gray also provided two additional handouts for the

committee, the Florida Resilient Coastlines Program pamphlet, and the Florida Adaptation Planning Guidebook.

A copy of the pamphlet is available at https://floridadep.gov/sites/default/files/FRC_brochure.pdf, and the guidebook can be found at: <https://floridadep.gov/sites/default/files/AdaptationPlanningGuidebook.pdf>.

Ms. Gray answered various questions from the committee. Mr. Mousa asked Greg Strong if the FDEP could present information on constructing living shorelines. Mr. Strong stated FDEP had planned on presenting this information at the next meeting. Mark Evans stated he may also have information on this subject, and would share with Greg for the next meeting.

The second presentation was New Development Identified Adverse Drainage impacts by John Pappas. John stated the Planning Department provides oversight for new development. John introduced Mike Sands who oversees the Planning and Development Division, and Bill Joyce, who supports and provide technical advice for the team. Mr. Pappas answered questions from the committee regarding the presentation.

The third presentation was COJ Infrastructure Development Drainage Design Criteria by John Pappas. John distributed two documents for the committee, copy of Ordinance 2018-157-E and Maintenance of Drainage during construction. These documents are attached to the minutes. Mr. Pappas answered questions from the committee regarding the presentations.

Mr. Mousa asked if the Maintenance of Drainage during Construction (MOD) draft dated March 1, 2019 is in effect. Bill Killingsworth stated the procedure is still in the Subdivision Standards and Policy Advisory Committee (SSPAC) Committee for approval. At Mr. Mousa's request, Bill Killingsworth will check with the SSPAC Committee, and provide an update at the next meeting.

CM Boyer questioned the time limits on 10-set's. Mr. Mousa stated the 10-set "life" does have an expiration date. Mr. Mousa stated the current limit on the 10-set "life" is 5 years.

The fourth presentation was from Mark Evans, U.S. Army Corps of Engineers. Mr. Evans answered questions from the committee.

Documents provided by CM Boyer for distribution

The following documents were distributed to the Committee:

- Sea-Level Rise and Law: Local Government Actions, Challenges, and Implications
- Resiliency Challenges and Responses of Florida Local Governments
- Adapting to Rising Tides
- Sea-Level Rise Challenges, Planning & Responses

Mr. Mousa opened the floor for any suggestions, comments or ideas regarding the presentations today.

There were discussions regarding silting stormwater ponds and outfalls. The St. Johns River Water Management District stated the main concern is correcting the facility, and that issues a fine is a low percentage of the process. They work with parties involved to get the system corrected.

CM Boyer asked if most of the corrections were complaint driven and Geoff Sample said yes. Tom Kallemeyn, FDEP responded they operate basically the same way, complaint driven.

CM Boyer stated a possible process improvement to consider is forwarding subdivision flooding and pond overflows to FDEP and SJRWMD, since it could possibly be the pond itself. Currently, calls are made to the Public Works Department and not reported to FDEP or to SJRWMD and maybe it should be.

Mark Evans asked about the City inspection scheduling for outfalls, etc. Mr. Mousa stated other than MS4 permitting, the City is also complaint driven.

CM Boyer stated there were several suggestions mentioned today the committee may want to consider. Mr. Mousa suggested we start a bulleted list and asked Marlene to capture the ideas. They are as follows:

- Soil permeability on filled lots
- Expansion of pre-development survey
- FDEP subcommittee to review current processes, identify gaps and improve process
- 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
- Forestry – water consumption documented per tree size on existing property – this is a low priority

Mr. Mousa stated with the Committees permission, that John Pappas, Bill Killingsworth, Bill Joyce, and Mike Sands will review and flush out these suggestions, and come back to the committee with more detailed information that the committee can discuss.

Susan Kaynor, USACE stated that there should be a proactive effort to share the information with the public and educate them on potential change in the regulations and why there might be an increase cost to the homeowner. This was in response to Sam Mousa's comment reference balancing enhanced criteria to the cost of construction.

CM Boyer asked FEMA if the City implemented any of the suggestions would this help the City's CRS (Community Rating System) rating. Patricia Smithline, FEMA, stated she should like to take the points mentioned today and compare to the City's current process.

CM Boyer stated she would email the Palm Coast and Alachua County information to Marlene Russell for distribution to the committee.

Mr. Mousa asked John Pappas what was the plan for existing systems, as this meeting was for new systems and issues surfacing for new development. John Pappas will brief the Committee at a future meeting about existing systems, what it exists of, miles of outfall ditches, and the ages of storm systems, etc. Mr. Mousa said we should need to have an open discuss at the next committee meeting what we can do to strengthen or make our existing systems more resilient.

CM Boyer stated that the information she will be forwarding to Marlene Russell includes building code provisions from Palm Coast. Mr. Mousa stated the documents will be shared with the Committee. Bill Killingsworth stated he will have Tom Goldsbury, Chief of Building Inspection evaluate the documents and compare the City of Jacksonville building code provisions to Palm Coast.

Public Comments

Speakers included:

Jimmy Orth, St. Johns River Keeper

Mr. Mousa reiterated the topics Mr. Orth's would like to see the committee address -enhanced wetland protection, rain retention on site, increased intensity, and sea-level rise projections.

Deryle Calhoun, JEA stated he would share information that JEA may has regarding increased intensity and sea level rise.

Susan Kaynor, USACE stated she will also share any data on sea level rise.

Eric Denfeld, Naval Facilities, Planning and Asset Utilization, will provide rainfall intensity.

Greg Strong and Tom Kallemeyn, FDEP will provide the criteria on impervious areas design criteria at the next meeting.

Next Meeting

The next scheduled meeting is Friday, March 15, 2019, 1:30 pm.

Meeting Adjourned: 3:40 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 1, 2019:

- Agenda
- Sign in Sheet
- Approved Minutes – February 15, 2019

- Committee member listing
- Copies of presentations:
 - FDEP – Creating more Resilient Florida
 - Public Works – New Development identified adverse drainage impacts
 - Public Works – COJ Infrastructure Development Drainage Design Criteria, includes a copy of Maintenance of Drainage During Construction – draft and Ordinance 2018-157-E
 - U.S. Army Corps of Engineers – PowerPoint presentation
 - 4 Documents provided by CM Boyer for the Committee
 - Sea-Level Rise and Law: Local Government Actions, Challenges, and Implications
 - Resiliency Challenges and Responses of Florida Local Governments
 - Adapting to Rising Tides
 - Sea-Level Rise Challenges, Planning & Responses