



City of Corpus Christi

1201 Leopard Street
Corpus Christi, TX 78401
forward.cctexas.com

Meeting Minutes

City Council Workshop Session

Thursday, August 10, 2017

3:00 PM

Basement Training Room
1201 Leopard Street

Public Notice - - ITEMS ON THIS AGENDA ARE FOR COUNCIL'S INFORMATIONAL PURPOSES ONLY. COUNCIL MAY GIVE DIRECTION TO THE CITY MANAGER, BUT NO OTHER ACTION WILL BE TAKEN AND NO PUBLIC COMMENT WILL BE SOLICITED.

THE USE OF CELLULAR PHONES AND SOUND ACTIVATED PAGERS ARE PROHIBITED IN THE TRAINING ROOM DURING MEETINGS OF THE CITY COUNCIL.

A. Mayor Joe McComb to call the meeting to order.

Mayor McComb called the meeting to order at 3:03 p.m.

B. City Secretary Rebecca L. Huerta to call the roll of the required Charter Officers.

City Secretary Rebecca L. Huerta called the roll and verified that a quorum of the City Council and the required Charter Officers were present to conduct the meeting.

Charter Officers:

City Manager Margie C. Rose, City Attorney Miles Risley, and City Secretary Rebecca L. Huerta.

Present 8 - Mayor Joe McComb, Council Member Rudy Garza, Council Member Michael Hunter, Council Member Debbie Lindsey-Opel, Council Member Ben Molina, Council Member Lucy Rubio, Council Member Greg Smith, and Council Member Carolyn Vaughn

Absent 1 - Council Member Paulette Guajardo

C. BRIEFINGS TO CITY COUNCIL:

1. Oso Creek / La Volla Creek Flooding

Mayor McComb referred to Item 1. City Manager Margie C. Rose introduced the agenda item regarding Oso Creek / La Volla Creek flooding.

Interim Executive Director of Utilities Dan Grimsbo presented the purpose of the presentation and introduced the presenters.

National Weather Service Meteorologist Rob Hart presented information on the following topics: Texas' hurricane history; return period for major hurricanes;

flood facts; history of floods; rainfall maps; 1921 hurricane facts; storm surge facts; potential storm surge flood maps; Hurricanes Beulah and Ike facts; and normal hurricane season statistics.

In response to questions from council members, Mr. Hart discussed historical record storm tides in Corpus Christi and areas of Corpus Christi that would expect to be flooded during a hurricane.

Federal Emergency Management Agency (FEMA) Region 6 Floodplain Specialist Charla Marchuk presented information on the following topics: FEMA's Community Rating System (CRS); CRS eligibility requirements; flood insurance coverage for pre-Flood Insurance Rate Map (FIRM) versus post-FIRM structures; flood insurance policies in force and paid losses for pre- and post-FIRM structures in Corpus Christi; a current higher standards example; and higher standards examples for future consideration.

FEMA Region 6 Texas Coordinator Larry Voice presented information on the following topics: the June 4, 1987 Oso Creek flood study; the October 2015 preliminary Oso Creek flood study versus the July 2016 appeal; the June 1987 La Volla Creek flood study; and the October 2015 preliminary La Volla Creek flood study.

Ms. Marchuk presented information on eligibility of newly mapped properties.

In response to questions from council members Ms. Marchuk and Mr. Voice discussed the following topics: improving the City's rating with FEMA; public information outreach; savings from increasing freeboarding height requirements; potential benefits of La Volla Creek channel improvements; and the length of time before consumers' flood insurance premiums benefit from such improvements.

HDR Engineering's representative Curtis Beitel, P.E. presented information on the following topics related to proposed improvements to La Volla Creek: purpose of the review; history of La Volla Creek, including numerous reports and a master drainage plan dating back to 1961; potential mitigation solutions; and the recommended path forward.

In response to questions from council members Mr. Beitel and staff discussed the following topics: the number of studies conducted over many years; excavating the channel's overbank versus the bottom of the channel and its impact of flow; removal of brush and its impact on flow; that the creek can be cleaned as long as the creek bottom is not disturbed; the definition of "highwater mark"; the U.S. Army Corps of Engineer's requirements regarding the creek bottom; changes to development requirements / ordinances associated with completion of drainage improvements; use of detention ponds and associated costs; the purpose of detention ponds; and what transpired following the work stoppage order issued by the U.S. Army Corps of Engineers during the La Volla Creek improvements project of 2009.

Mr. Grimsbo outlined the following path forward: 1) La Volla Creek drainage channel improvements (Phase1); and 2) Master Service Agreement contract for La Volla Creek Storm Water modeling and improvements consisting of: Task 1 - Update the hydraulic model for the entire basin and submit a Letter of Map Revision (LOMR) to FEMA to revise the 100-year elevation; Task 2 - Prioritize

ditch / channel improvements on the entire basin, necessary to further mitigate / solve flooding issues (preliminary design); and Task 3 - Prepare detailed design and construction documents in Task Orders.

Mr. Grimsbo also discussed next steps, including receiving direction from city council regarding: 1) bringing forward a contract with Urban Engineering to re-evaluate the Phase 1 improvements; and 2) bringing back the Master Service Agreement contract to city council on August 29, 2017.

In response to questions from council members, Mr. Grimsbo discussed the following additional topics: using a previous contracted provider and the City's procurement process; the purpose of the re-evaluation of Phase 1 improvements being to evaluate new data from FEMA; the cost of the re-evaluation; FEMA requiring that the City put the City's information into FEMA's model; and the purpose of the FEMA Letter of Map Revision (LOMR).

D. ADJOURNMENT

The meeting was adjourned at 5:18 p.m.