



City of League City, TX

300 West Walker
League City TX 77573

Meeting Minutes City Council

Tuesday, August 28, 2018

5:00 PM

Council Chambers
200 West Walker Street

Council Work Session

The City Council of the City of League City, Texas, met in a work session in Council Chambers at 200 West Walker Street on the above date at 5:00 p.m.

Mayor:

Pat Hallisey

City Council Members:

**Dan Becker
Hank Dugie
Larry Millican
Todd Kinsey
Greg Gripon
Keith Gross
Nick Long**

City Manager:

John Baumgartner

Assistant City Manager

Bo Bass

Assistant City Manager

Michael Kramm

City Attorney:

Nghiem Doan

City Secretary:

Diana M. Stapp

Chief of Police:

Gary Ratliff

Director of Budget/Project Management

Angie Steelman

Director of Engineering:

Christopher Sims

Director of Finance:

Allena Portis

Director of Human Resources/Civil Service:

Janet Shirley

Director of Parks & Cultural Services:

Chien Wei

Director of Planning/Development:

David Hoover

Director of Public Works:

Jody Hooks

1. CALL TO ORDER AND ROLL CALL OF MEMBERS

Mayor Hallisey called the meeting to order at 5:00 p.m. and called the roll. All members of Council were present except Mr. Long.

Absent 1 - Mr. Nick Long

Present 7 - Mayor Pat Hallisey, Mr. Dan Becker, Mr. Hank Dugie, Mr. Larry Millican, Mr. Todd Kinsey, Mr. Greg Gripon and Mr. Keith Gross

2. PRESENTATION AND DISCUSSION OF RECOMMENDATIONS FROM THE OAKS OF CLEAR CREEK SUBDIVISION DRAINAGE STUDY

Christopher Sims, Director of Engineering gave opening remarks and introduced Matt Manges with Lockwood, Andres & Newnam, Inc. (LAN)

Oaks of Clear Creek & Bradshaw Ditch Area P.E.R. (Preliminary Engineering Report)
A Notice to Proceed was given to LAN on December 6, 2017 to begin the Preliminary Engineering Report. On March 28th, a Public Meeting was held to go over preliminary findings with citizens. The goal of this report is to provide an analysis of what happened and potential mitigation solutions.

Project Overview:

Analyze Existing Conditions

Hurricane Harvey Flooding Event Analysis

Event Understanding

- **Determined what happened**
- **Identify Issues**
- **Validate with resident information**

Improvement Options

The consultant showed peak ponding images of a 2-yr, 10-year and 100-year rainfall event in comparison to Hurricane Harvey.

There was a tributary pipe removal and replacement at Bensons Bayou that has been taken into account.

Evaluated Improvements & Detention

Bradshaw Ditch and Overland Conveyance:

Scope

- **Detailed Engineering**
- **Excavation**
- **Reinforced Concrete Boxes installation**

Provides increased storage and conveyance

Project lifetime 30-50 years

Local Offsite Detention:

Scope

- **Detailed Engineering**
- **Excavation**

Provides increased storage and advantageous water surface elevation

Project timeline – 30-50 years

Northwest Pond, 60 ac-ft

Field Pond, 6 ac-ft

Regional Solutions:

Regional Improvement

Local benefit to the Oaks of Clear Creek Neighborhood

Identified in the Master Drainage Plan

- **Victory Lakes Section 7B is already mitigating for Victory Lakes neighborhood**

Greatly improves conveyance and storage

Provides advantageous tailwaters

Lifespan 30-5- years

Local Conveyance Improvements:

Improved conveyance

Utilizes regional and local storage and conveyance improvement

Lifespan 30-50 years

Conceptual Improvement Options:

Bradshaw Ditch Improvements

Benefits – increases conveyance and storage (helps Deer Ridge with water ponding)

Disadvantage – limited ROW (must be done with Regional improvements)

Cost Estimate \$1,000,000 (\$5,200 cost per home)

Local Offsite Detention

Benefits – provides increased storage and advantageous Water Surface Elevation (detention for Sect 1 & 2 of neighborhood)

Disadvantage – property acquisition (must purchase ROW for 60-acre pond)

Cost Estimate \$3,400,000 (\$18,500 per home)

Regional Solutions

Benefits – Regional, provides advantageous tailwater conditions (provides detention storage for Benson Bayou sub-water shed)

Disadvantage – timeframe, permitting (must be done for Project 1 & 4 to work)

Cost Estimate \$11,000,000 (\$22,000 per home)

Local Conveyance Improvements

Benefits – improves conveyance, utilizes local and regional storage and conveyance improvement

Disadvantage – dependent on other projects (is contingent on offsite detention being in

place)

Cost Estimate \$9,600,000 (\$33,700 per home)

The consultant showed a comparison between existing and proposed peak ponding images of a 2-yr, 10-year and 100-year rainfall event.

Staff has submitted 3 projects to the Texas Hazard Mitigation Grant Program:

Bradshaw Ditch Improvements (NOI #206) –scope of work includes alignment and capacity of review for Ditch as well as the SH 3 Ditch Crossing.

Oaks of Clear Creek Detention Pond (NOI #208) –scope of work includes land acquisition and construction of an approximate 60-acre-foot Detention Pond

Deer Ridge Drive Overland Flow Improvement (NOI #210) –scope of work will be to provide an overland flow path for drainage from Deer Ridge Drive into Bradshaw Ditch. This may result in the buy-out of 1 or 2 homes. If buy-out is done, property would remain an “Open Space” that subdivision could use as a pocket park. This project may also be eligible for CDBG Grants as well.

The 3 submitted projects were preliminarily estimated at \$8.5 million for engineering and construction (land, geotechnical work, permitting would be extra), but submissions were made to THMGP when this study was starting. Study reveals some alternates that will affect costs from NOI. Staff is working on implementing final study findings into Grant applications and should have applications finalized and submitted within the next 4 to 6 weeks.

3. **PUBLIC COMMENTS**

4. **ADJOURNMENT**

At 5:55 p.m., there being no further business the meeting was adjourned.

PAT HALLISEY
MAYOR

JEANNE HAMMACK
DEPUTY CITY SECRETARY

(SEAL)

MINUTES APPROVED: October 9, 2018