

JAY MARTIN
Chairman

DANNY EARP
Vice-Chairman



CHUCK ENGELKEN
Member

STEVE GILLETT
Alternate Member

MINUTES OF THE DRAINAGE AND FLOODING COMMITTEE MEETING AUGUST 10, 2020

The Drainage and Flooding Committee of the City of La Porte met on Monday, August 10, 2020, at the City Hall Council Chambers, 604 West Fairmont Parkway, La Porte, Texas, at 5:00 p.m. to consider the following items of business:

Committee Members present: Jay Martin, Chuck Engelken, Danny Earp

Committee Members attending remotely: None

Committee Members absent: None

Council-appointed officers present: Corby Alexander, City Manager; Lee Woodward, City Secretary

1. **CALL TO ORDER** - Chairman Martin called the meeting to order at 5:00 p.m.

2. **CITIZEN COMMENT** (*Generally limited to five minutes per person, in accordance with state law, the time may be reduced if there is a high number of speakers or other considerations.*)

There were no citizen comments.

3. STATUTORY AGENDA

(a) **Presentation, discussion, and possible action to approve the July 13, 2020, meeting minutes. [Jay Martin, Chair]**

Committee member Engelken moved to approve the minutes; Member Earp seconded the motion and it was adopted, 3-0.

(b) **Presentation, discussion, and possible action regarding changes to drainage criteria recommended by Harris County. [Lorenzo Wingate, Assistant Director of Public Works]**

Mr. Wingate discussed the new Harris County requirements and their potential impact on the City (chart from packet below). Alisa Max, P.E., Chief Operations Officer, Harris County Engineering Dept., answered questions from the Committee. Member Earp asked that the City requirement for detention for the entire property size be brought back for consideration. Mr. Wingate noted that Harris County has offered to have their consultant come to La Porte to provide impact analysis to show how the Harris County proposed changes compare to current City requirements.

Harris County Requirement	Impact to La Porte
Atlas 14 rainfall rates to size storm water conveyance and detention systems	Minimal impact. Systems are designed using current rainfall characteristics.
0.55 ac-ft/ac detention rate	Increases detention volume requirement by 22%.
Prohibit detention design using hydrograph timing	Minimal impact. Rarely used for design in COLP.
No net fill in the current 500-yr floodplain	To be explained by HCFCD/EHRA.
Finished floor elevation established at or waterproofed to the 500-yr flood elevation	To be explained by HCFCD/EHRA.

(c) Presentation, discussion, and possible action regarding prioritization of current and future drainage projects. [Lorenzo Wingate, Assistant Director of Public Works]

Mr. Wingate provided a list of current projects for the Committee to prioritize or add to. The current list is:

Priority	Project Name	Project Phase (% Complete)	Total % Complete
1	Brookglen Drainage Improvements	Feasibility (0%)	0%
2	Bayside Terrace Drainage Improvements	Feasibility (85%)	30%
3	F101-06-00 Improvements	Preliminary Engineering (25%)	25%
4	Little Cedar Bayou (F216) Phase 3	Preliminary Engineering (0%)	10%
5	6 th Street (North Side Neighborhood Drainage Improvement Project)	Design (5%)	5%
6	Southside Neighborhood Drainage Improvements;	Final Design (90%)	60%
7	Bob's Gully Analysis	Project Complete	100%

Mr. Wingate noted Bay Colony has basically been dealt with since the list was put together and the Committee agreed to flip the order of Mission Drive and Sylvan Beach on the remaining list (below), thereby prioritizing additional drainage projects for future consideration.

Priority	Project Name	Project Background
8	Battleground Estates Phase II	This would be a continuation of previously completed drainage improvements along the F101-00-00 drainage channel to mitigate flooding north of N P Street with the Battleground Estates subdivision. Project is prefunded; \$65,000 for preliminary design.
9	Roseberry Drive Drainage Improvements	Several complaints received about street flooding along Roseberry. The Drainage Committee consented to further evaluation of the Roseberry drainage system at the August 12, 2019 meeting.
11	Mission Drive Drainage Improvements	Storm sewer system within Monument Estates subdivision holds water because conveyance channel between N P and N L has not been maintained.
10	Sylvan Beach Subdivision Drainage Improvements	Subdivision do not have roadside ditches or enclosed drainage system. All drainage is conveyed along street surface. Roadway is flooded during moderate rain events.
N/A	Bay Colony Subdivision Drainage Improvements	Inconsistent pipe sizes and elevations create restrictions within the drainage system.

(d) Presentation, discussion, and possible action in connection with receipt of a report regarding the Harris County Flood Control District's (HCFCD) and Harris County Precinct 2's current and future plans relating to flooding in the City of La Porte. [Lorenzo Wingate, Assistant Director of Public Works]

William Conlan of Lockwood, Andrews, & Newnam, a consultant for Harris County Flood Control District, and project manager for the Galveston Bay Watershed Planning Project, discussed the completed evaluation and remaining challenges for related to the F212-00-00 channel.

- (e) **Presentation, discussion, and possible action regarding the status of current drainage projects. [Lorenzo Wingate, Assistant Director of Public Works]**

Mr. Wingate referred to status changes on several projects. He said he was waiting on proposals for Little Cedar Bayou Phase III and Battleground Estates Phase II, and that a notice to proceed would be issued tomorrow on the airport project.

- (f) **Presentation, discussion, and possible action to provide staff with direction, if necessary, regarding additional drainage concerns. [Lorenzo Wingate, Assistant Director of Public Works]**

There were no additional items.

4. Set next meeting - The next meeting date was set for September 14, 2020.

5. Committee Member Comments – There were no comments.

ADJOURN – The meeting was adjourned without objection at 5:50 p.m.


Lee Woodward, City Secretary