

Jefferson County



Precinct Four

Everette "Bo" Alfred
Commissioner

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Rainfall / Flooding Week of May 17, 2021, Summary Information
from May 26, 2021, Meeting between Jefferson County Precinct # 4

Commissioner Everette "Bo" Alfred and representatives of:

- Jefferson County Drainage District # 6
- Texas Department of Transportation
- Jefferson County Engineering

Sunchase Addition

TXDOT is currently Looking at the possibility of enlarging culverts under IH-10.

Old Gilbert Road Area

Ditch 505 is the outfall that runs from IH-10 to Hwy-124 and crosses Hwy-365. Drainage District No. 6 is currently working to obtain easements along this channel so the cleanout Work can be performed.

Additionally, a 260-acre detention basin is proposed for this channel on the north side of IH-10. This detention basin will hold back a great deal of the runoff that flows through this area of Fannett. The grant was applied for about four months ago and we should hear something back from FEMA in the coming months. If Drainage District No. 6 does not receive these grant funds, we will just have to find the money.

Cheek North Subdivision

The primary drainage outfall for Cheek North is Ditch 602. Ditch 602 is currently being cleaned from Green Pond Gully up to the Cheek North Subdivision.

Winzer Road / Green Acres / Bayou Din Drive / Kidd Road

The solution being pursued by Drainage District No. 6 is part of a \$60 million CDBG-MIT funding opportunity. This grant project will include a 640-acre detention basin on Bayou Din, improvements to Ditch 407 (the primary outfall for Green Acres) and Kidd Gully (primary outfall for Kidd Road), along with associated crossing improvements.

Additionally, Drainage District No. 6 recently purchased two acres located behind the new Dollar General located on Hwy-124 for the purposes of enlarging the existing detention Basin behind the Fannett grocery store. The District will begin excavating this 2-acre basin next month. This basin will add additional storage to aid in the prevention of flooding.

Master Plan for Taylor's and Hillebrandt Bayous

We also discussed the Master Plan for the Taylor's Bayou and Hillebrandt Bayou Watersheds. Drainage District No. 6 was awarded an \$8.5 Million grant; 25% local match, to produce a comprehensive plan for the Hillebrandt Bayou, Taylor's Bayou, and Pine Island Bayou Watershed. The study will start this summer and will take two years to complete.

Mack Road / Boyt Road / West Clubb Road

The main backup point are the culverts under IH-10 that serve Bayou Din. TxDot will be replacing the single 8-ft x 5-ft box culvert with two 10-ft x 6-ft box culverts as part of their IH-10 widening project. This will triple the flow capacity for Bayou Din across IH-10, and it will be a great relief for the area.

Sandy Lane in the Hwy-365 Area

This flooding was caused from runoff that resulted from the intense rainfall that fell between the east Green Pond detention levee and West Clubb Road. There are three proposed solutions for this flooding:

- A. Purchasing approximately 600 acres or a flood easement and enlarging the Green Pond detention facility by constructing a levee that will capture much of the water from this watershed and divert it to the Green Pond detention facility.
- B. A drain ditch, currently owned by TxDOT, that drains this section of Hwy-365 near Lulu Lane will be transferred to Drainage District No. 6. Drainage District No. 6 will clean the ditch as soon as the new easements are acquired.
- C. TxDOT, along with their IH-10 widening project will be constructing a diversion channel from the Sandy Lane outfall ditch (Ditch 505-A1) along IH-10 directly towards Taylor's Bayou.
- D. As part of the IH-10 widening project, TxDOT will also construct a longer bridge and will be widening Taylor's Bayou across IH-10.