



PHASE I FLOOD CONTROL PROJECT 40031
2018 BOND PROJECT No. 21, 22 & 23 & MERCEDES LATERAL
PUBLIC MEETING - OCTOBER 10, 2023

Texas Water
Development Board

HIDALGO COUNTY DRAINAGE DISTRICT NO. 1





Phase I Flood Control Project



BOARD OF DIRECTORS



Richard F. Cortez
County Judge



David L. Fuentes
Commissioner Pct. 1



Eduardo "Eddie" Cantu
Commissioner Pct. 2



Everardo "Ever" Villareal
Commissioner Pct. 3



Ellie Torres
Commissioner Pct. 4



Chairman of the Board



Board Member



Board Member



COMMISSIONER
Everardo "Ever" Villareal

Board Member



Board Member



Phase I Flood Control Project



PUBLIC MEETING PROCESS

The purpose of this public meeting is to:

- 1.) Facilitate and maintain effective communication with the public**
- 2.) Provide project information on the Phase I Flood Control Project**
- 3.) Follow an important step in the environmental process with the Texas Water Development Board**

Your input and feedback are an important part of this process, and we encourage you to comment.



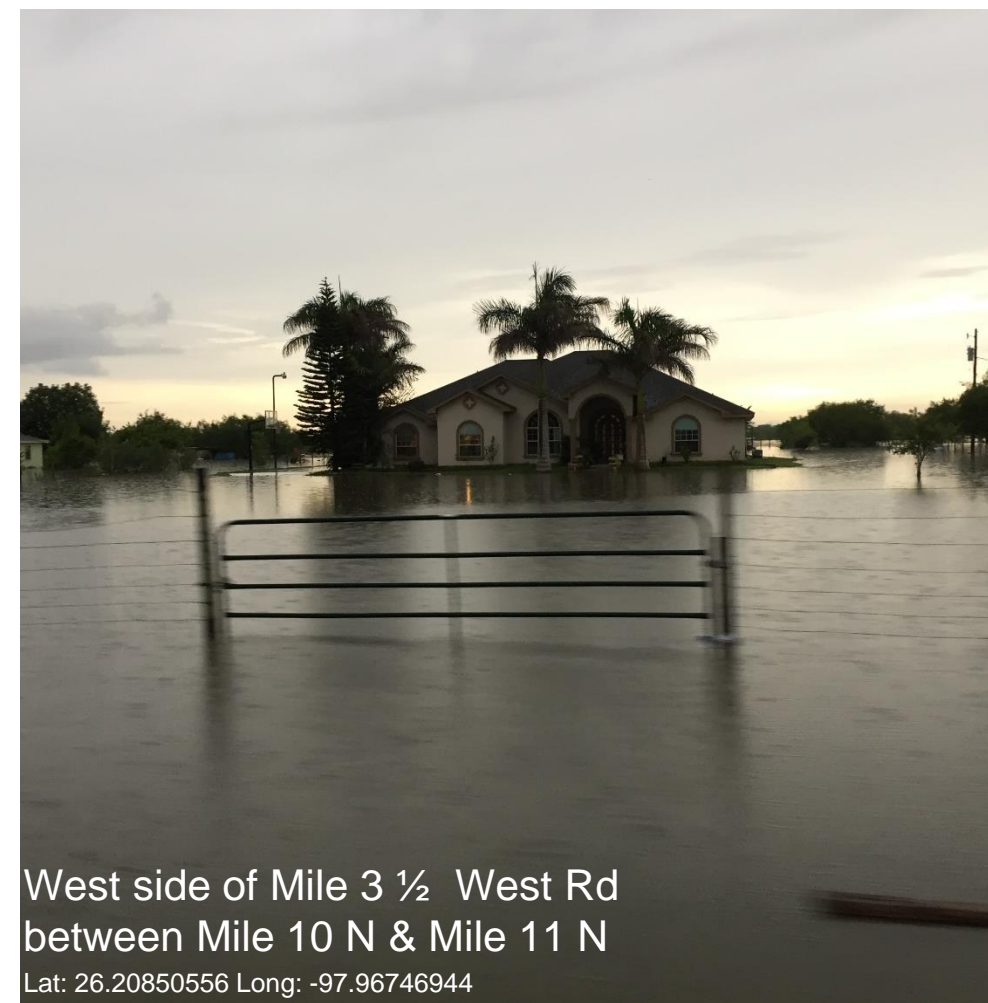
East side of Mile 4 West Rd
between Mile 10 N & Mile 11 N
Lat: 26.20499167 Long: -97.97538056



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PROJECT PURPOSE AND NEED



What are we trying to do? Project Purpose

Provide drainage relief to a natural low area impacted by flooding in previous rain events.

The scope of work includes the expansion of an existing drainage system.

The design is based on a 50-year flood, using Atlas 14, the most current rainfall date.

What are the issues? Project Need

Within the last few of years, Hidalgo County has encountered more frequent and intense storm events, which have resulted in widespread floods.

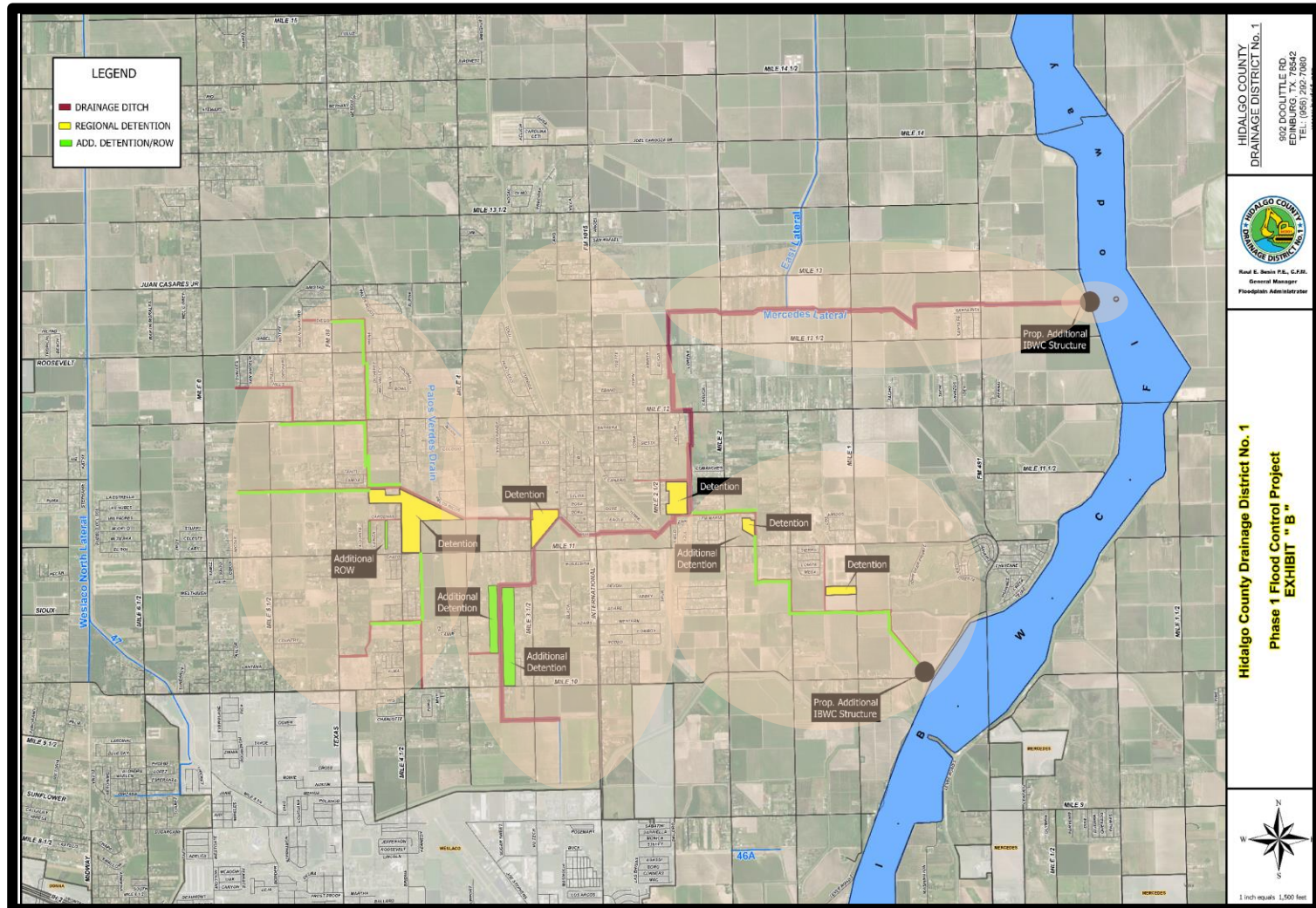
The drainage system was originally designed to drain agricultural areas based on a 10-year flood and does not have sufficient capacity.



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PROJECT INFORMATION



The project location and limits are between Mile 9 North, Mile 15 North, FM 493, and the IBWC Floodway, containing approximately 18,600 acres just north of the City of Weslaco, Texas.

- Funded through Hidalgo County Drainage District No. 1 2018 Drainage Bond Program and TWBD Flood Infrastructure Fund

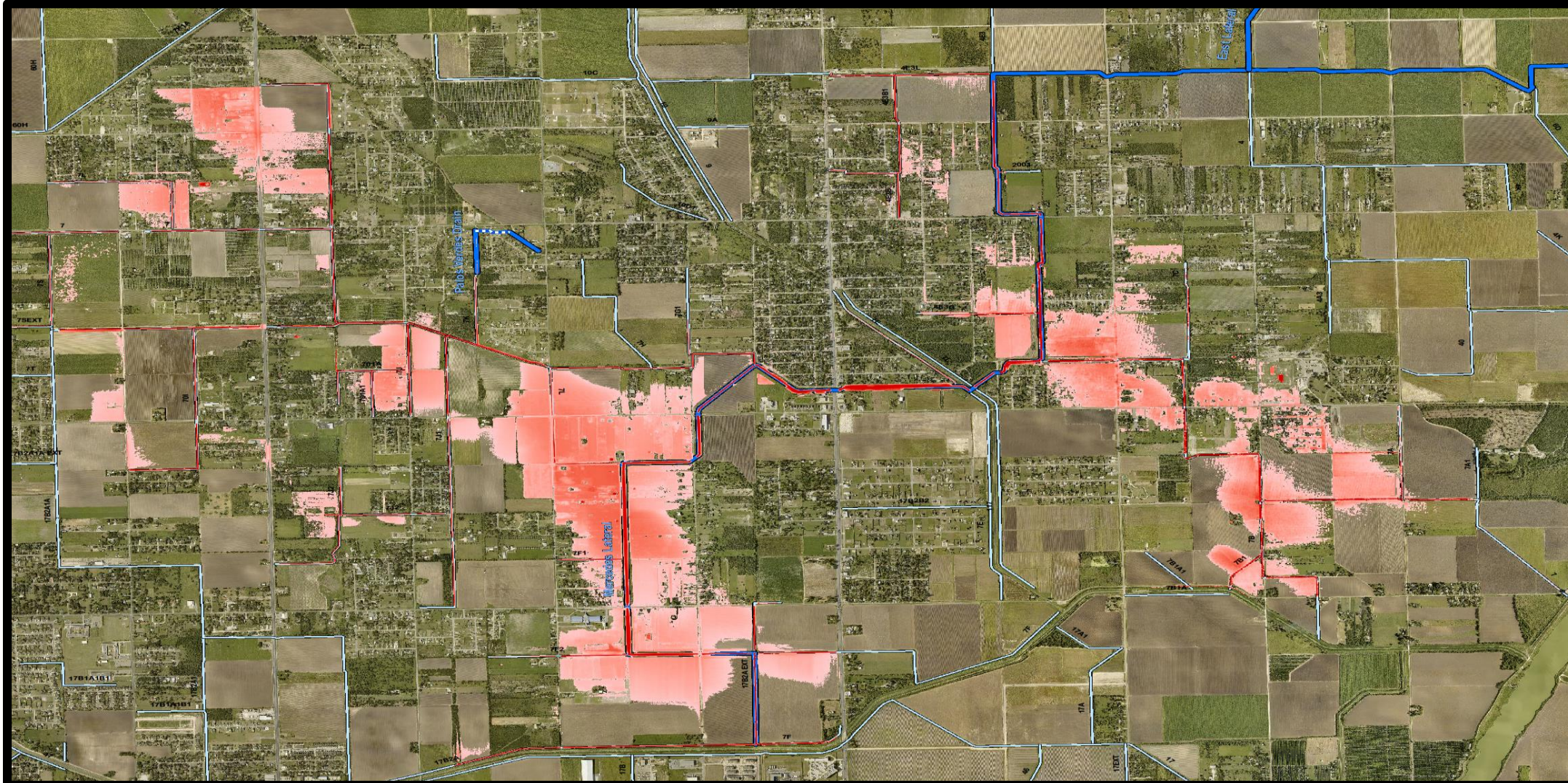
- Changes to TWDB application required an update to the environmental review process



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DRAINAGE STUDY EXISTING CONDITION




HIDALGO COUNTY
DRAINAGE DISTRICT NO. 1



Raul B. Garcia, P.E., C.P.M.
General Manager
Floodplain Administrator

902 DOOLITTLE RD.
EDINBURG, TX 78142
TEL: (361) 262-7080
www.hcd01.org

**HIDALGO DRAINAGE DISTRICT NO. 1
FIF PROJECTS 21, 22, 23
50-YEAR STORM EVENT EXISTING CONDITIONS
DEPTH REGISTERED 1FT AND ABOVE**

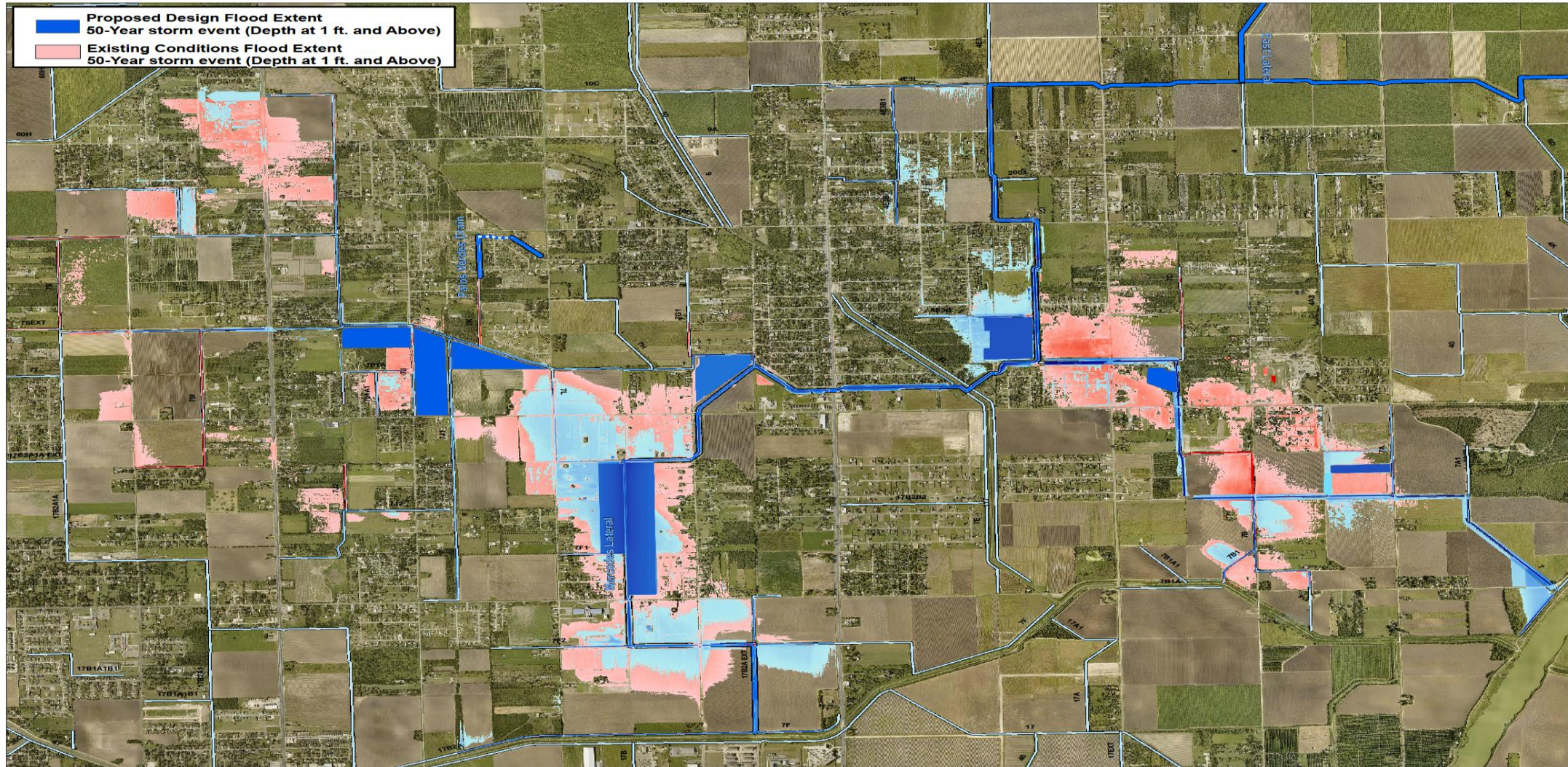

1 inch = 909 feet



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PROPOSED IMPROVEMENTS



HIDALGO COUNTY
DRAINAGE DISTRICT NO. 1



Raul E. Bustin, P.E., C.F.M.
General Manager
Floodplain Administrator

**HIDALGO DRAINAGE DISTRICT NO. 1
FIF PROJECTS 21, 22, 23
50-YEAR STORM EVENT EXIST VS. DESIGN
DEPTH REGISTERED 1FT AND ABOVE**



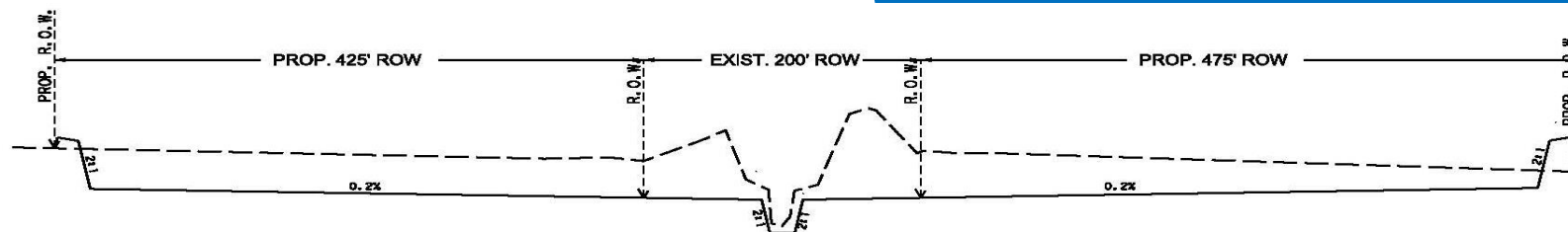
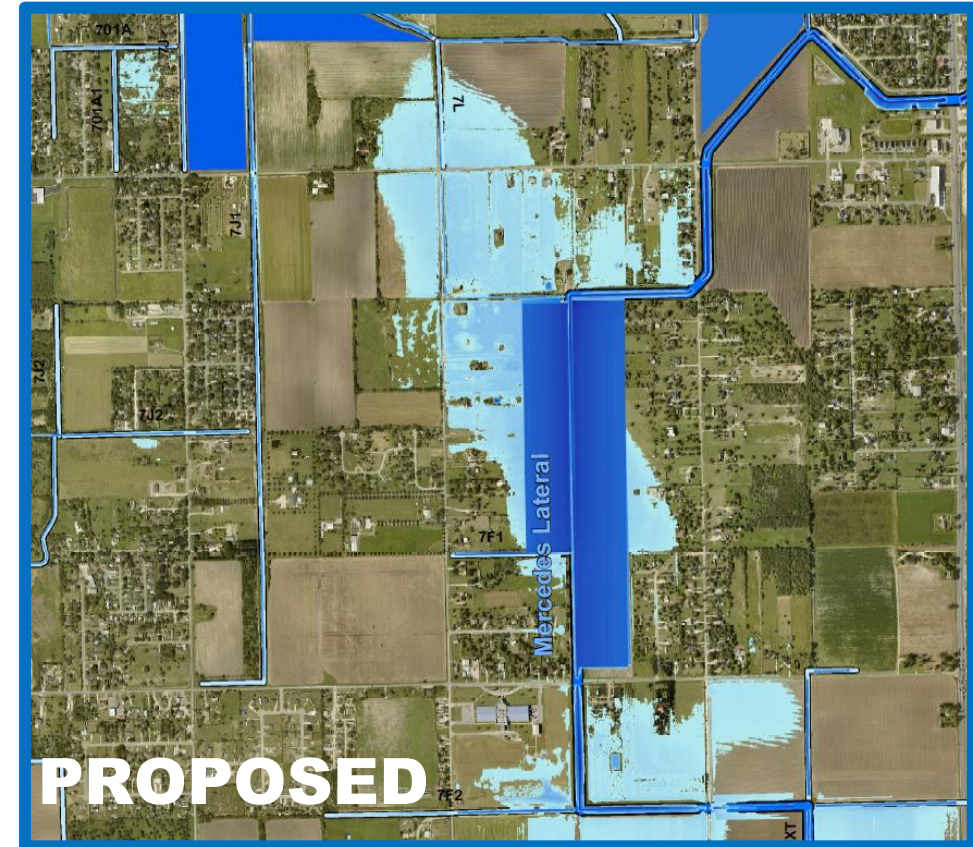
1 inch = 922 feet



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SEGMENT 22





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ENVIRONMENTAL REVIEW

Agency Coordination



Community Impacts



Vegetation & Wildlife



Water Resources



Cultural Resources



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RIGHT OF WAY ACQUISITION PROCESS

- Follow state laws and policies
- Texas Landowners bill of rights available on the HCDD No. 1 website
https://www.hcdd1.org/upload/page/0079/docs/owners_billofrights.pdf
- Information about services and Right of Way can be obtained by calling Hidalgo County Drainage District No. 1 office at 956-292-7080.



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PROJECT SCHEDULE



***This project schedule and dates are subject to change**



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HOW TO PROVIDE COMMENTS

Submit questions or comments to:



**Hidalgo County Drainage District No. 1
902 N. Doolittle, Edinburg, Texas 78542**



(956) 292-7080



**Yvette.Barrera@hcdd1.org
Eli.Villegas@hcdd1.org**



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QUESTIONS

