CDBG-MIT Grant Application Information Session

Thursday, October 1, 2020 | 6:30 p.m. – 7:30 p.m.

HARRIS COUNTY FLOOD CONTROL DISTRICT

Greens Bayou

HCFCD & HCED Flood Risk Mitigation Projects

How to Participate

Tonight's session is hosted via ZOOM, with two options for participation.

1. On your internet-connected device at **www.hcfcd.org/GreensMidReach**,
2. Or via phone at **346-248-7799** with Meeting ID: **956 7432 9262**

During tonight's session, we encourage participants joining online to submit questions and comments via the chat feature. This will enable us to moderate questions as they come in and ensure a streamlined conversation.

Materials will be posted to the Flood Control District's website after the event at **www.hcfcd.org/C20.**

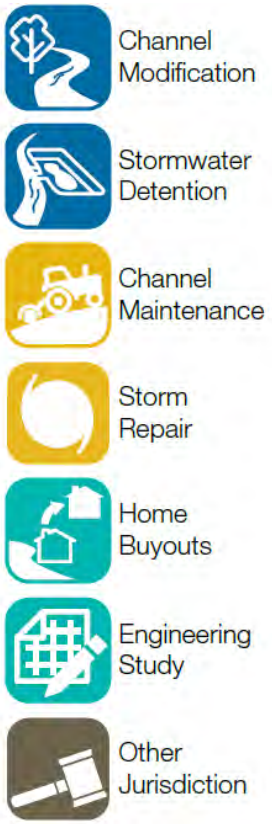
Meeting Overview

Introduction and Welcome	**6:30 – 6:35 p.m.**
Presentation • CDBG-MIT program overview • Proposed HCED projects • Proposed HCFCD projects • Next steps	**6:35 – 6:55 p.m.**
Virtual Q & A Session	**6:55 – 7:30 p.m.**
Meeting Concludes	**7:30 p.m.**

Alan Black, P.E.

Director of Operations
Harris County Flood Control District

BOND APPROVED ON AUGUST 25, 2018

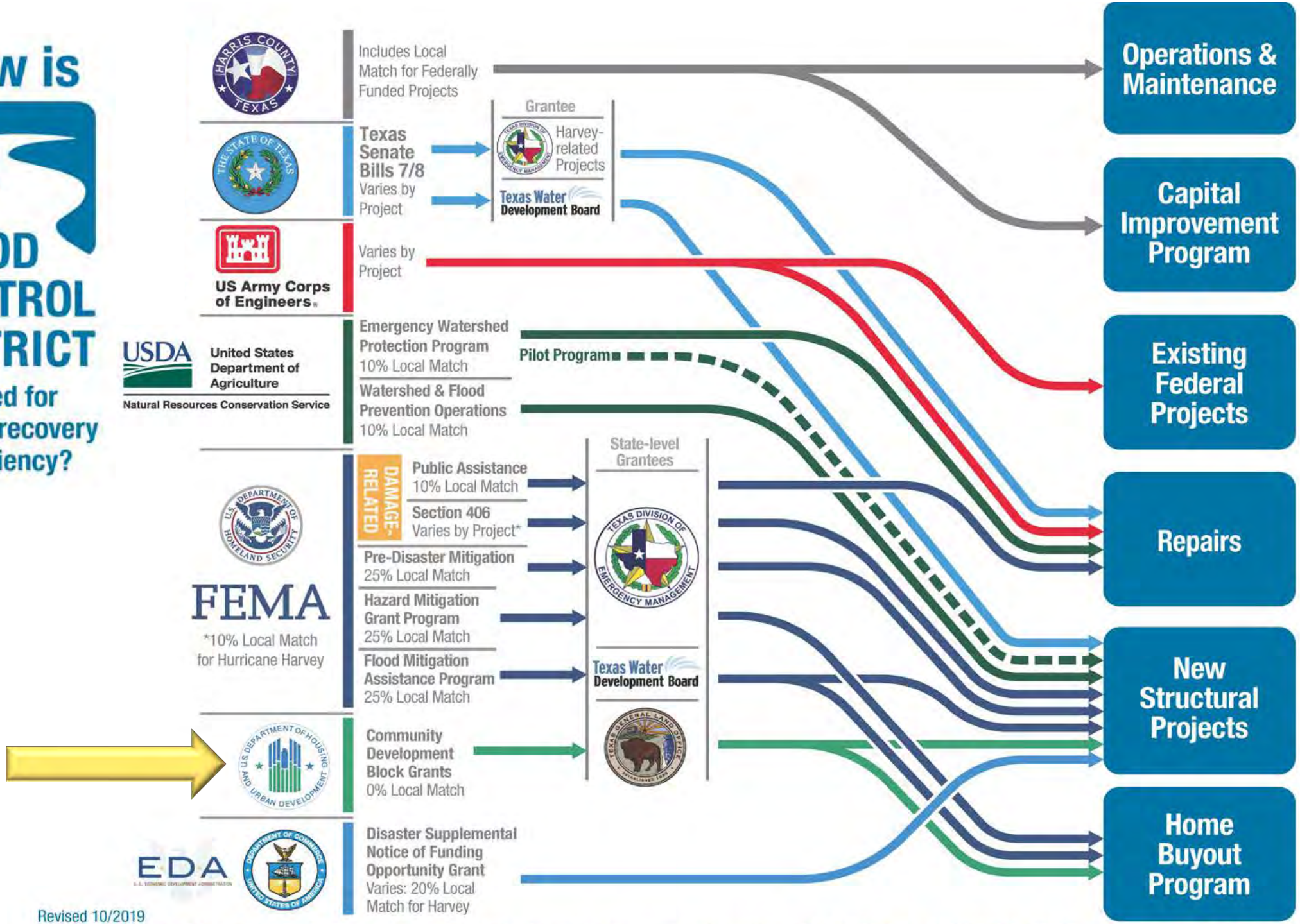


As updated May 2020

- **181** projects across all watersheds
  (144 initiated – second quarter 2020)
- **38** projects added based on community input ($400M+)

	$2.5B	Bond funds
+	~$2.4B	Partner funds ($680M received)
=	~$4.9B	Total anticipated

How is HARRIS COUNTY FLOOD CONTROL DISTRICT funded for disaster recovery & resiliency?

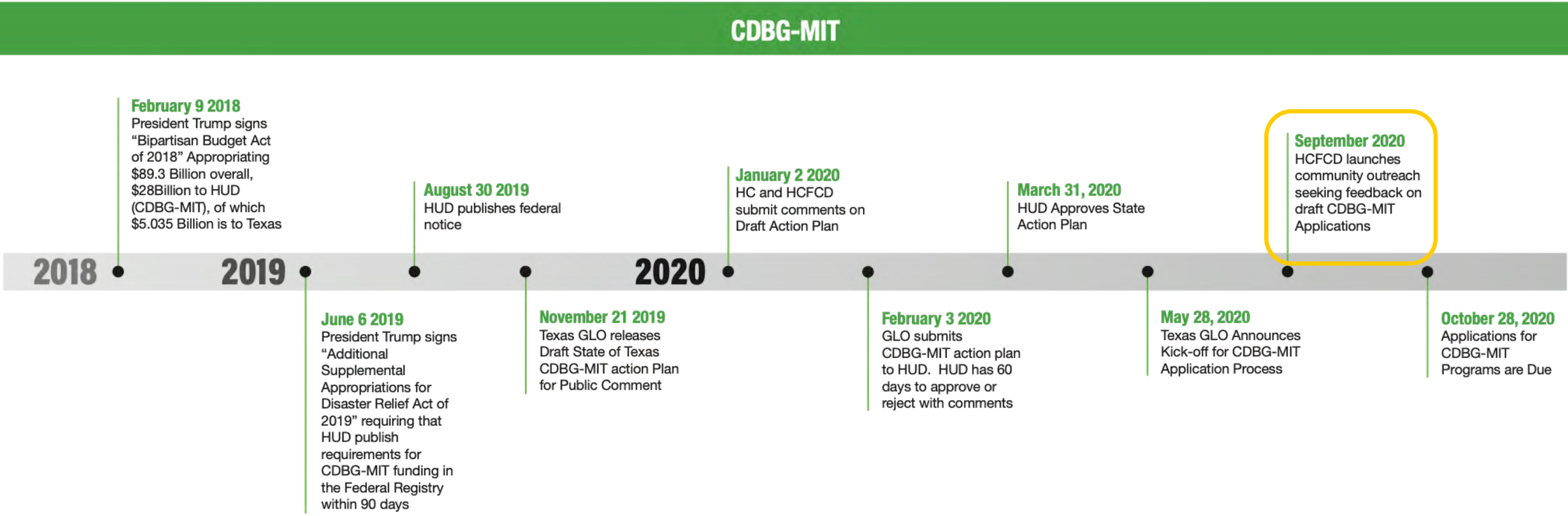


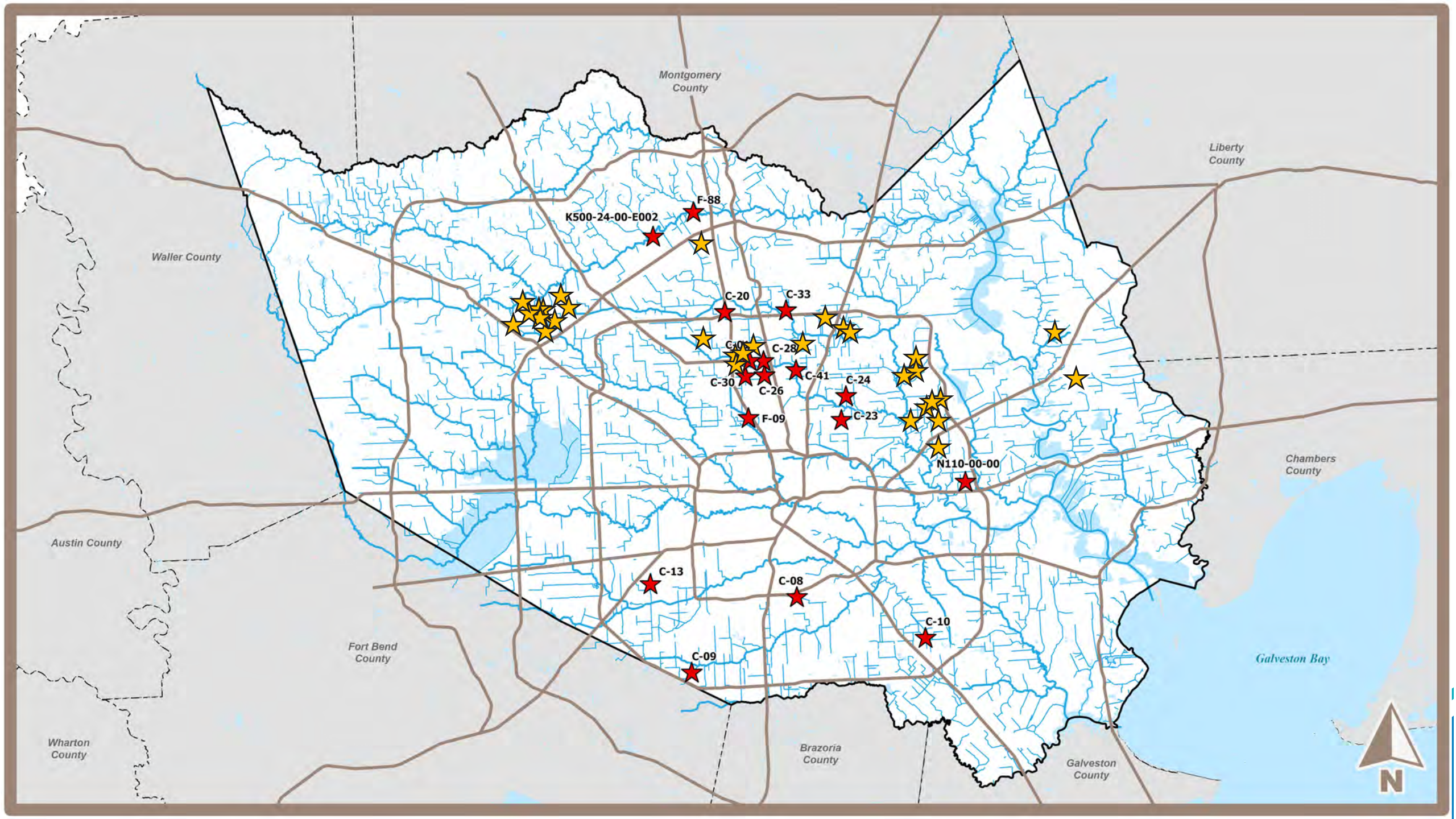
Revised 10/2019

CDBG-MIT Overview

- The Department of Housing and Urban Development (HUD) has grant funding for projects available through **Community Development Block Grants for Mitigation (CDBG-MIT)**.
- Funds are designated for mitigation activities.
- Represent a unique and significant opportunity to fund additional projects to mitigate flood risks and reduce future losses.

CDBG-MIT Application Timeline




Montgomery County
Liberty County
Waller County
Chambers County
Austin County
Fort Bend County
Brazoria County
Galveston County
Wharton County
Galveston Bay
F-88
K500-24-00-E002
C-20
C-33
C-28
C-41
C-24
C-30
C-26
F-09
C-23
N110-00-00
C-13
C-08
C-10
C-09
N

Jurisdiction in Harris County

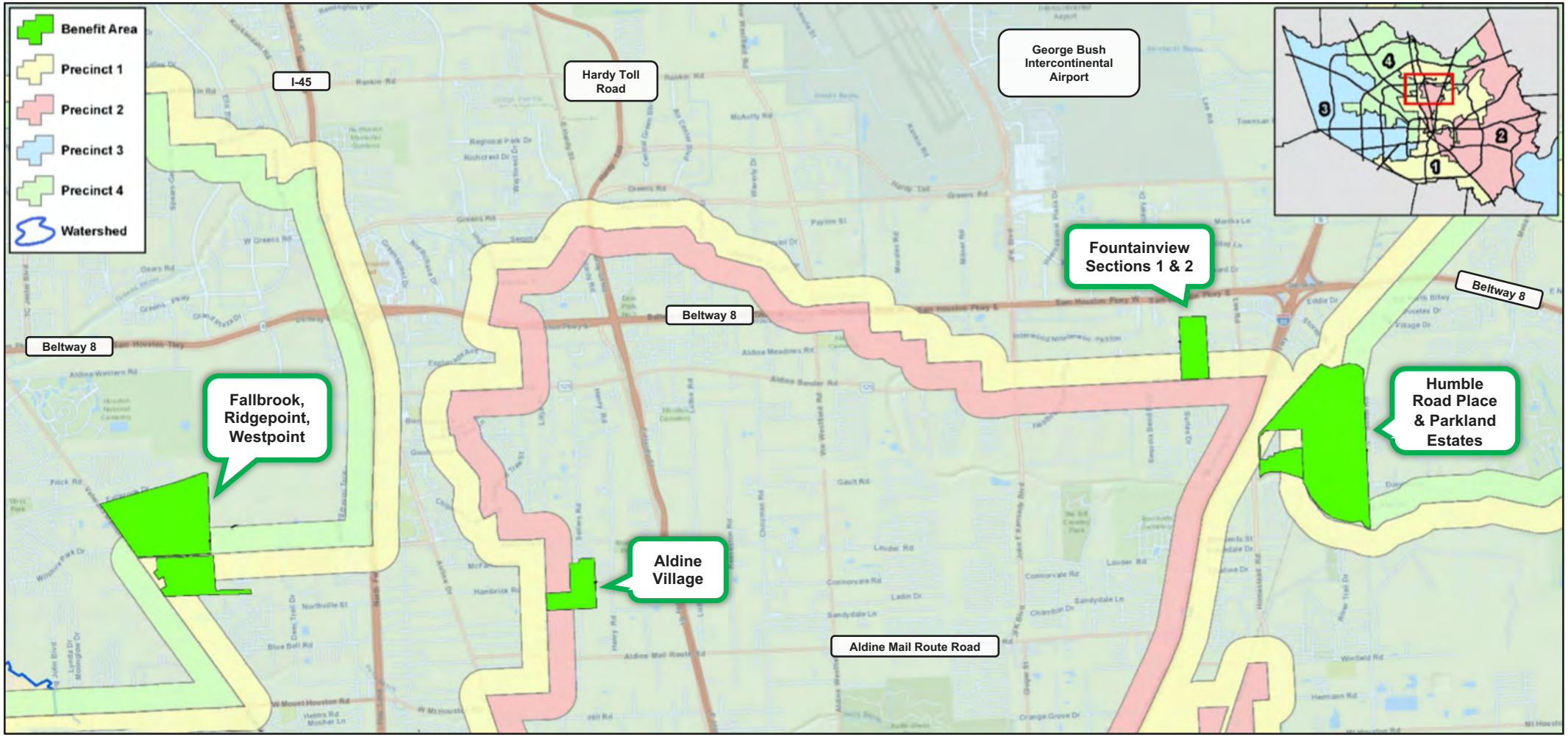
HARRIS COUNTY FLOOD CONTROL DISTRICT

Brennan Cook, P.E., C.F.M

Project Delivery Manager
Harris County Engineering Department

Subdivision Drainage Improvement Projects

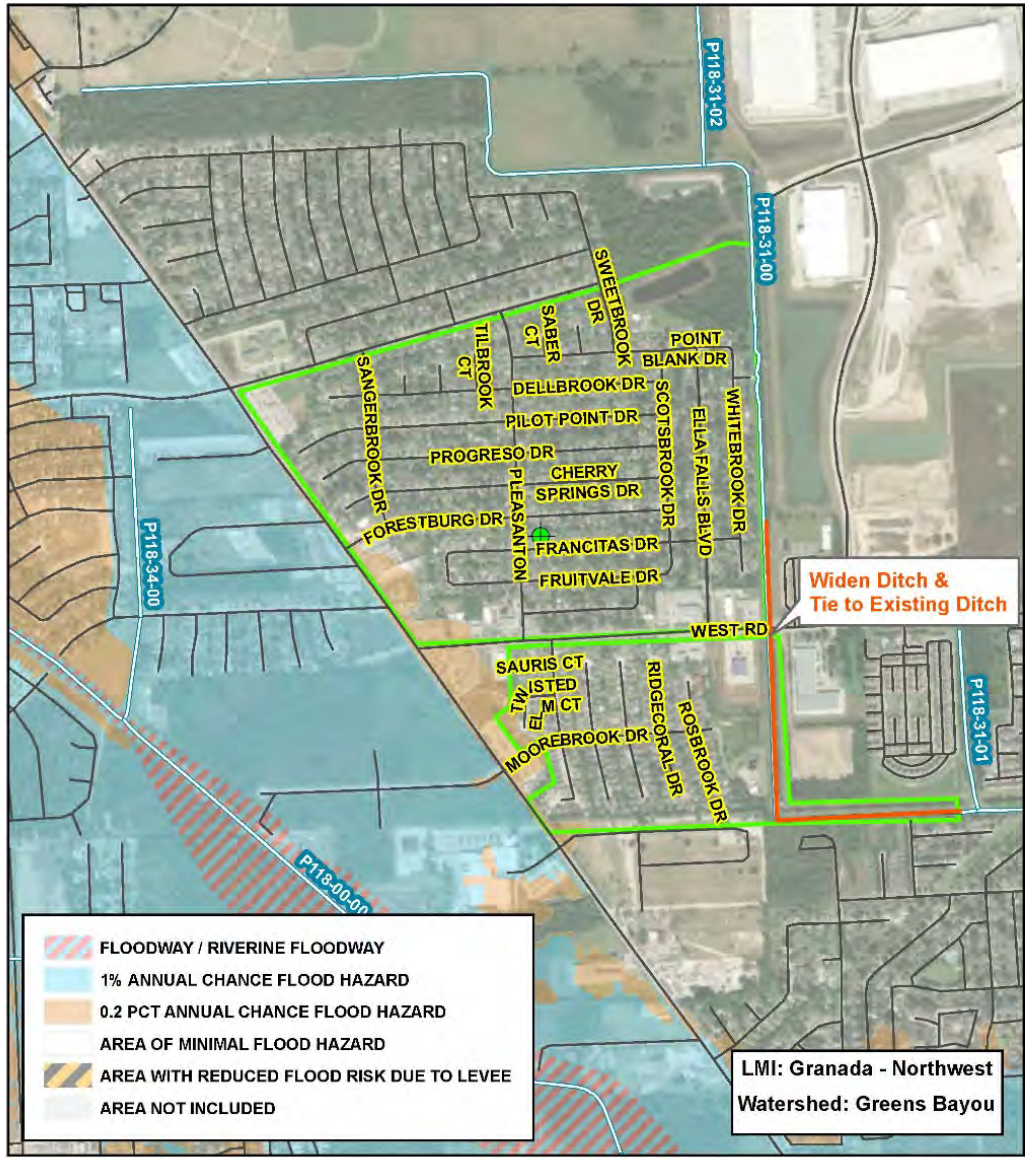
Bond ID: Z-SUBDIV



Fallbrook, Ridgepoint and Westpoint Subdivisions

Bond ID: Z-SUBDIV

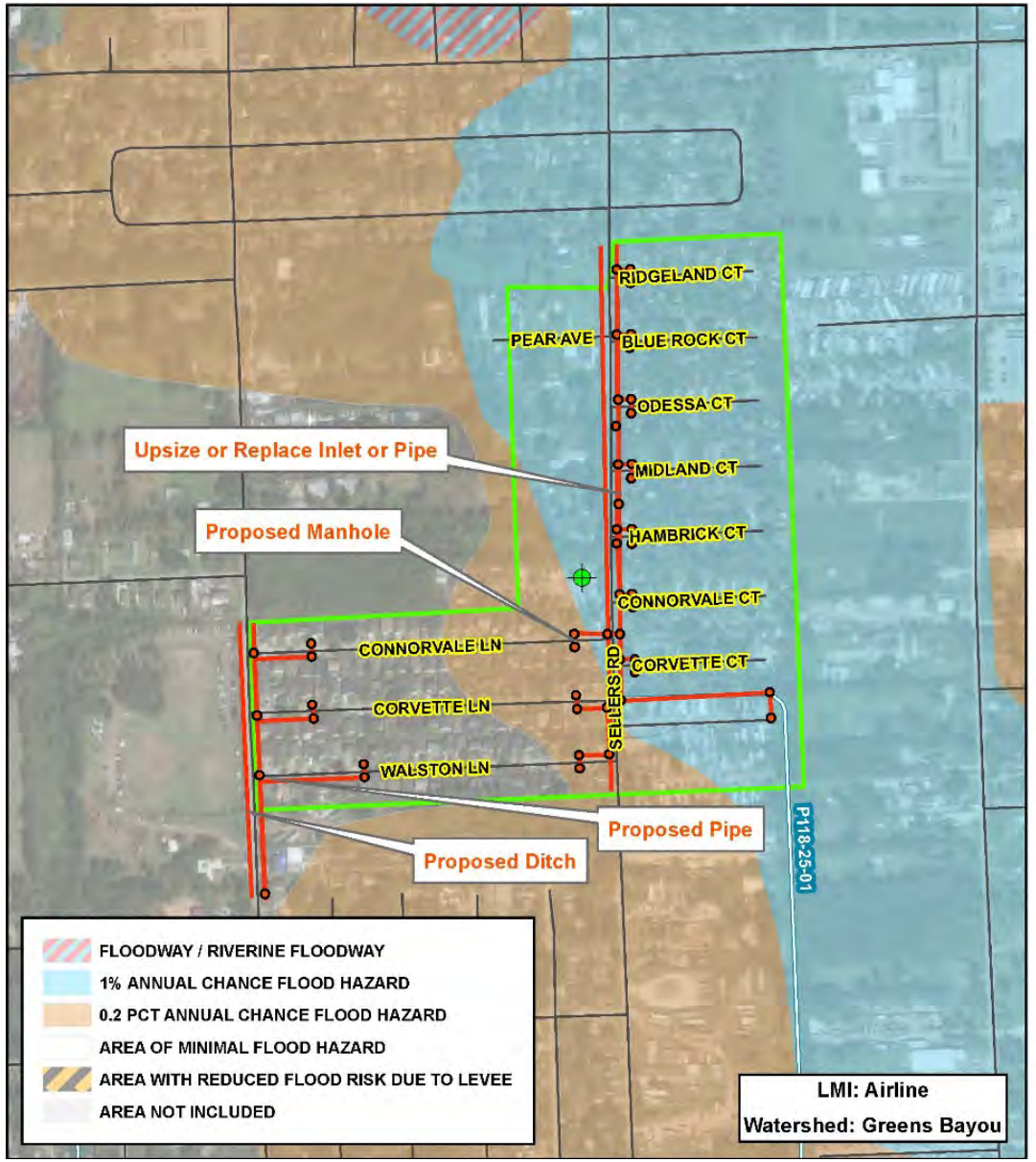
- Improvements to channel P118-31-00
- Reconstruct outfall pipes and evaluate need for extreme event overflow structures
- Reconstruct the West Road box culvert



Aldine Village Subdivision

Bond ID: Z-SUBDIV

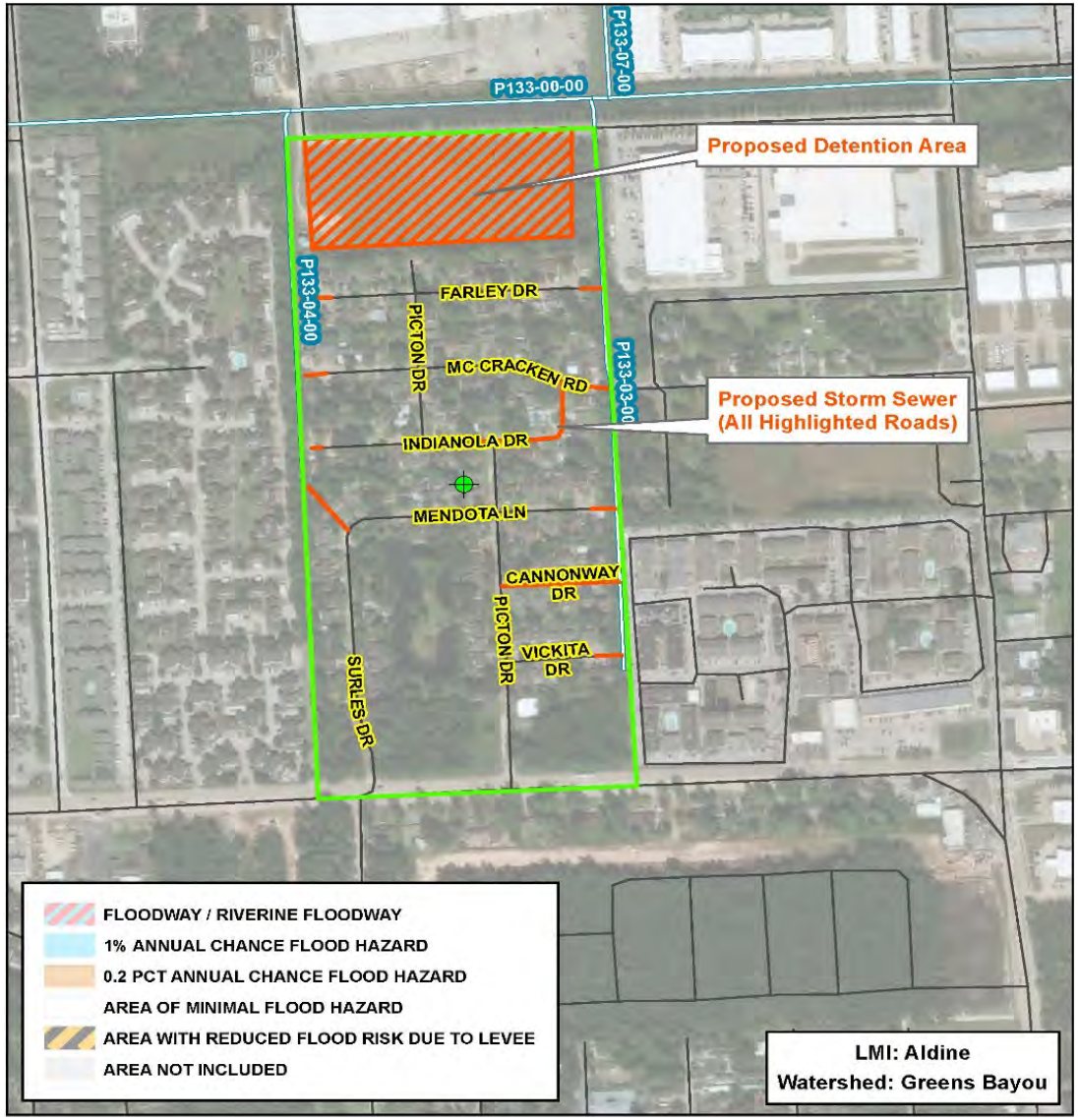
- Replace existing curb inlets and storm sewer with larger system
- Reconstruct roadside ditches, driveways and culverts along Sellers Road and Lilja Road
- Curb and gutter pavement replacement, as needed



Fountainview Subdivision – Sections 1 & 2

Bond ID: Z-SUBDIV

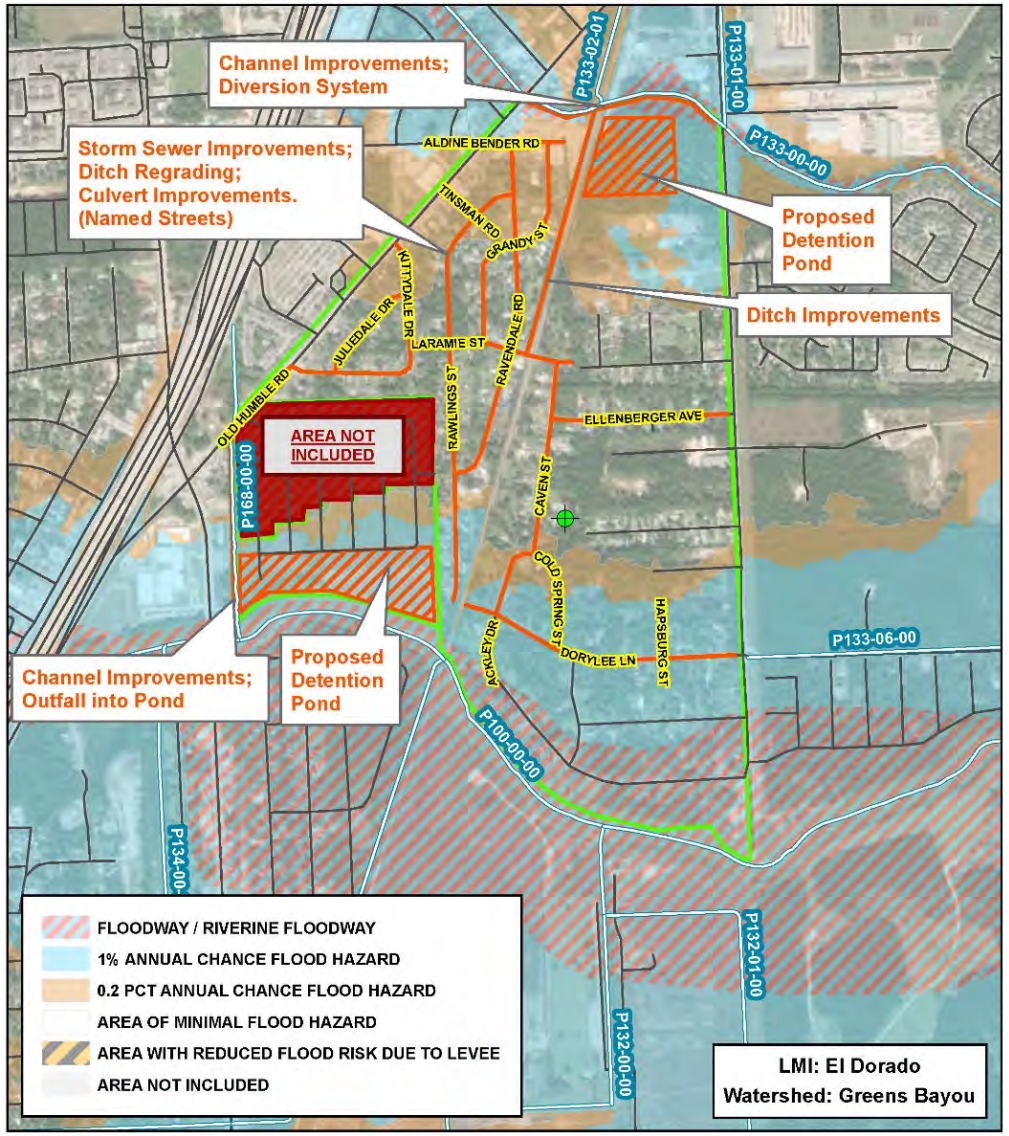
- Replace existing storm sewer systems with a new, larger, system capable of handling a 50% probability rainfall event
- Evaluate the need for extreme event overflow swales
- Construct a detention basin to mitigate increased flow from the neighborhood



Humble Road Place & Parkland Estates Subdivisions

Bond ID: Z-SUBDIV

- Install storm sewer system under roadside ditches
- Reconstruct ditches, culverts and driveways as necessary
- Construct a channel bypass under the Union Pacific Railroad bridge to provide additional channel P133-00-00 capacity
- Evaluate locations for necessary detention basins



Alan Black, P.E.

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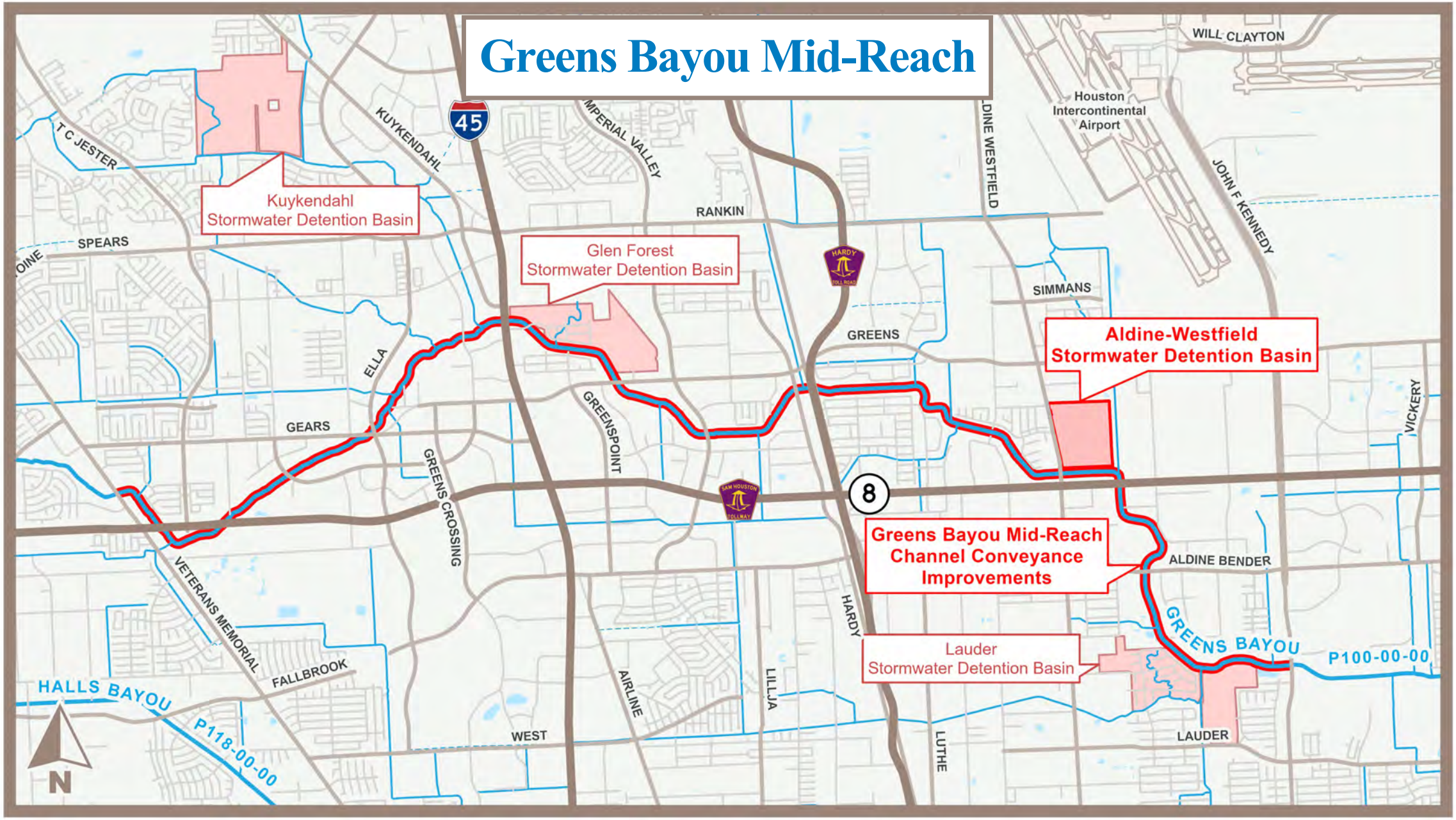
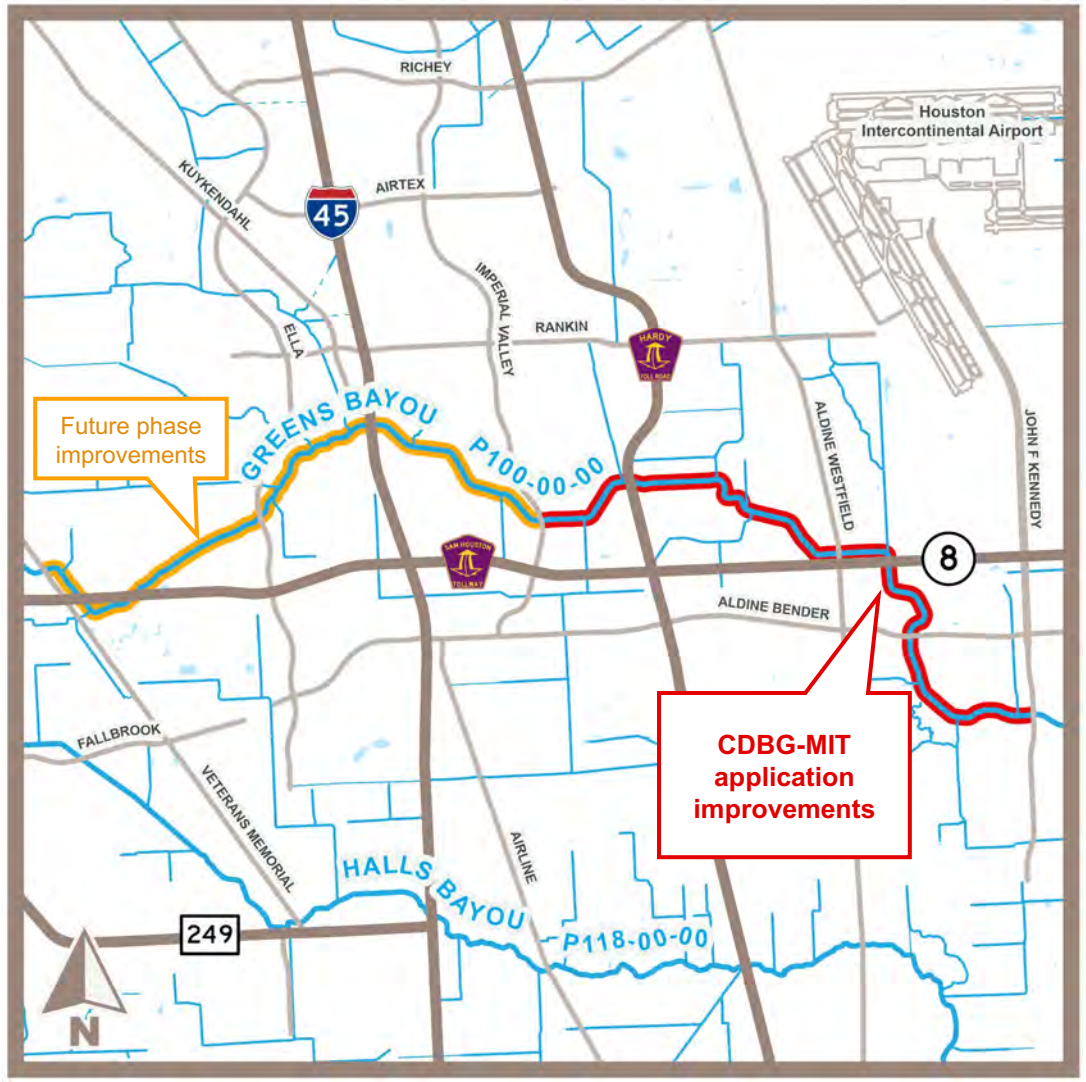
Greens Bayou Mid-Reach



Greens Bayou Mid-Reach Improvements

Bond ID: C-20

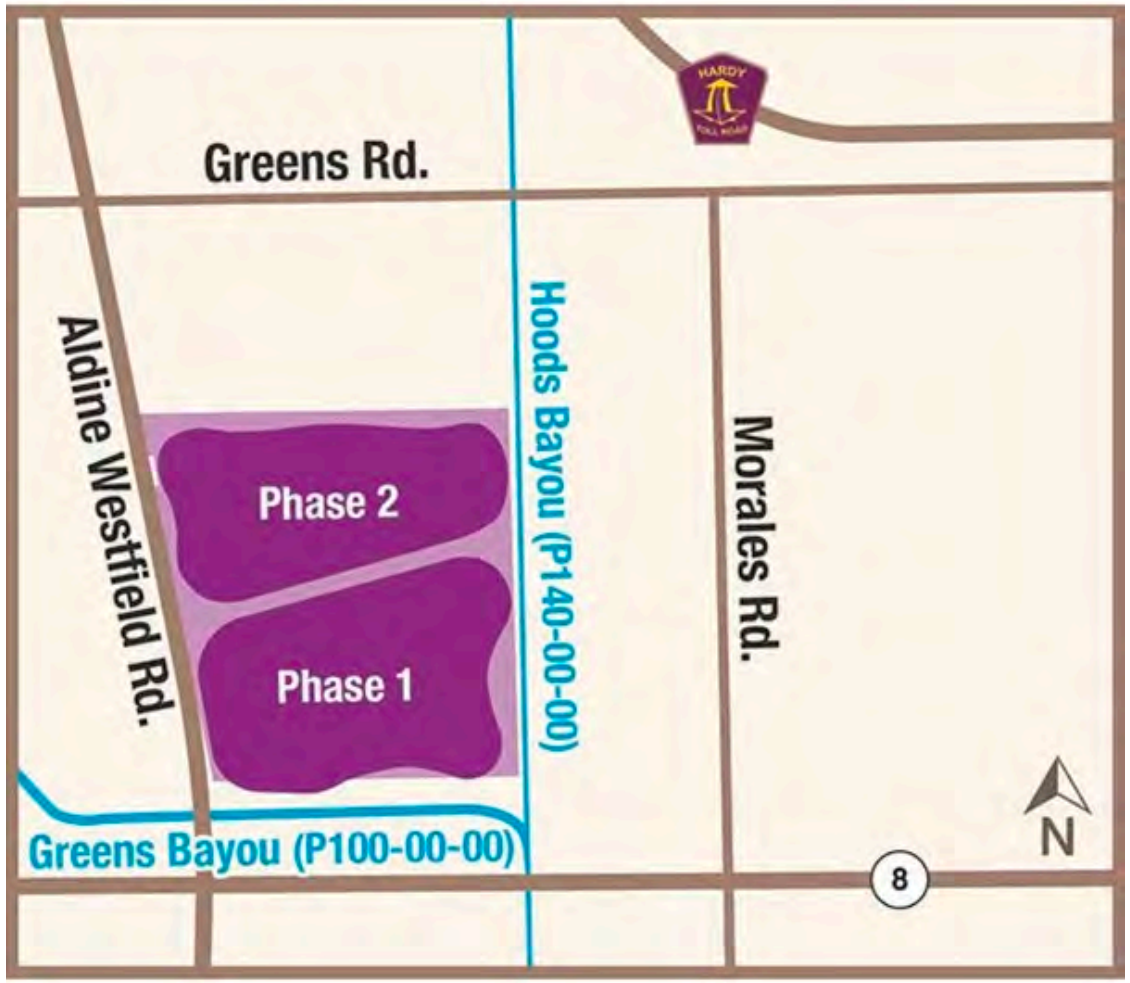
- Makes 5.5 miles of channel conveyance improvements from Imperial Valley Drive to JFK Boulevard
- Begins construction of one additional stormwater detention basin



Aldine-Westfield Stormwater Detention Basin: Phase 2

Bond ID: C-33

- Phase 2 is designed to hold 570 acre-feet (185.7 million gallons) of stormwater
- Works in partnership with three area stormwater detention basins and the mid-reach channel conveyance improvements



Grant & Local Funding

Grant & Local Funding: Harris County Engineering

Project	Total Project Cost	CDBG-MIT Application Amount	Local Share
Aldine Village	$ 1,600,000	$ 1,110,000	$ 490,000
Fallbrook, Ridgepoint & Westpoint	$ 3,810,000	$ 3,300,000	$ 510,000
Fountainview	$ 3,260,000	$ 2,800,000	$ 460,000
Humble Road Estates & Parkland Place	$ 24,126,000	$ 22,726,000	$ 1,400,000
	$ 32,796,000	**$ 29,936,000**	**$ 2,860,000**

NOTE: These dollar amounts are approximate. Substantially complete applications with final dollar amounts will be posted for public comment before submission.

Grant & Local Funding: Flood Control District

Project	Total Project Cost	CDBG-MIT Application Amount	Local Share
C-20: Mid-Reach Greens Channel Conveyance Improvements	$ 60,000,000	$ 44,700,000	$ 15,300,000
C-33: Aldine-Westfield Stormwater Detention Basin, Phase 2	$ 10,855,000	$ 10,000,000	$ 855,000
	$ 70,855,000	**$ 54,700,000**	**$ 16,155,000**

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Total Grant & Local Funding

Grant Request:

$ 85 million

Local Funding:

$ 19 million

Anticipated Total Costs

$ 104 million

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We want to hear from you!

Please visit **HCFCD.org/Greens** to learn more about upcoming and ongoing Flood Control District projects, ask questions, and sign up for our mailing list.

For more information about Harris County Engineering subdivision drainage projects in the Greens Bayou watershed, please visit **HCFCD.org/SDP**.

More information about the CDBG-MIT grant application process and projects included in each application will be available on **the Flood Control District's website**. Visitors will also be able to submit comments about each project for inclusion in the grant application during the formal comment period.

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