

2018 Bond Program Monthly Update

Harris County Commissioners Court – August 2022



This July, the Flood Control District began construction on the third set of repair sites (Batch 3) on tributaries in the Cypress Creek watershed. Batch 3 is part of a major repair project funded by the 2018 Flood Control District Bond Program, Bond ID CI-012. Batch 1 and 2 are currently under construction on other channels in the watershed.

Overall, this project is intended to provide major maintenance along Cypress Creek and its tributaries to restore channel conveyance capacity across the watershed. This work will not widen or deepen the channels but will return them to their designed condition and capacity so that they can convey stormwater more efficiently.

August 25th marks the 5 year anniversary of Hurricane Harvey. The Flood Control District has developed and will be distributing information across social media and to the press to highlight our accomplishments since then. The Flood Control District also hosted community engagement meetings to share updates and gather input on projects in the Sims Bayou watershed (F-93 Tributary C124-00-00 project) and Cedar Bayou watershed (Channel Conveyance Improvements along Clawson Ditch Q122-00-00).

Construction Contracts Awarded

Total – Count

48

Total – Amount

\$393M

Agreements Awarded

Last Month – Count

3

Last Month – Amount

\$0K

Total – Count

462

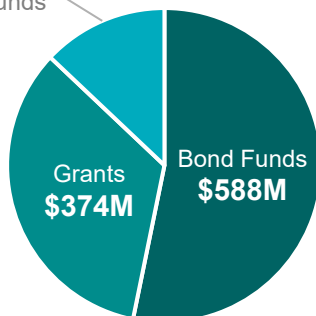
Total – Amount

\$358M

Total Spending through July 2022

\$1.10B

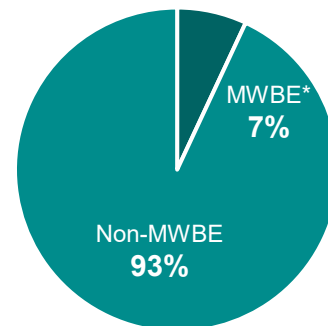
Other Local Funds
\$143M



Professional Services Invoices Paid

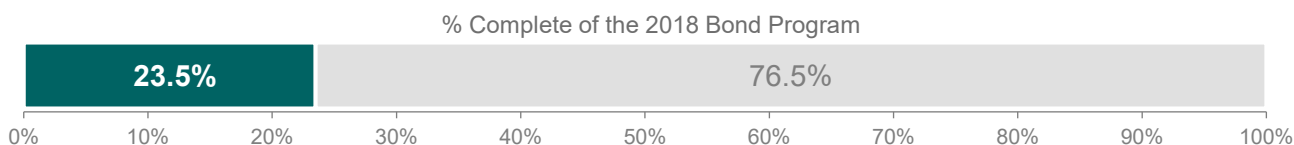
Total Invoiced – 07/01/2022 to 07/30/2022

\$4.8M



*Minority- and/or Women Owned Business Enterprises (MW)

Overall Progress



Key Performance Indicators*

SPI
.97

***SPI is Schedule Performance Index. Closest to 1 is the best, with anything above or below that as indicators for trending. For SPI, anything above 1 indicates ahead of schedule and under 1 behind schedule.*

Home Buyouts

Home Buyouts in Progress

331

Home Buyouts Completed
Includes CSD Mandatory Buyouts

821

Buyouts Funding Secured
– Total

\$516M

Buyouts Funding Secured –
Spent to Date

\$159M

Projects Changing Stages

Project ID	Project Name	Stage Ending	Stage Starting
B100-00-00-E002	Widening and Deepening of Armand Bayou from SHTW-E to Spencer Highway	Construction	Turnover & Startup
M528-01-00-E002	Design and Construction of Cypress Rosehill Stormwater Detention Basin	Design	Construction
O100-00-00-R002	Cedar Bayou Lynchburg Stormwater Detention Basin - ROW Acquisition	Project Initiation	ROW & Utility Relocation
P500-04-00-E004	Aldine-Westfield Stormwater Detention Basin - Phase I	Turnover & Startup	Complete

In the News

The following represent construction notices distributed by the Harris County Flood Control District in July 2022. To view more information, log on to hcfcd.org and visit the “Latest News” section.

Construction Advisory for Major Maintenance of Cypress Creek & Tributaries

In an effort to keep you informed about the Harris County Flood Control District’s continuing improvements in the Cypress Creek watershed, we want to notify you of an upcoming project in your area.

As early as July 2022, the Flood Control District will begin construction on the third set of repair sites (Batch 3) on tributaries in the Cypress Creek watershed. Batch 3 is part of a major repair project funded by the 2018 Flood

Control District Bond Program, Bond ID CI-012. Batch 1 and 2 are currently under construction on other channels in the watershed.

Overall, this project is intended to provide major maintenance along Cypress Creek and its tributaries to restore channel conveyance capacity across the watershed. This work will not widen or deepen the channels but will return them to their designed condition and capacity so that they can convey stormwater more efficiently. The Batch 3 scope of work for 12 sites on 11 channel sections includes some or all of the following: Removal of silt, placement of buried riprap (rocks designed to protect from erosion), erosion repair, outfall pipe removal and replacement, manhole replacements, concrete channel lining replacements, excavation and off-site disposal, debris removal, encroachment removal, and site restoration. The project also includes outfall repairs at one existing stormwater detention basin.

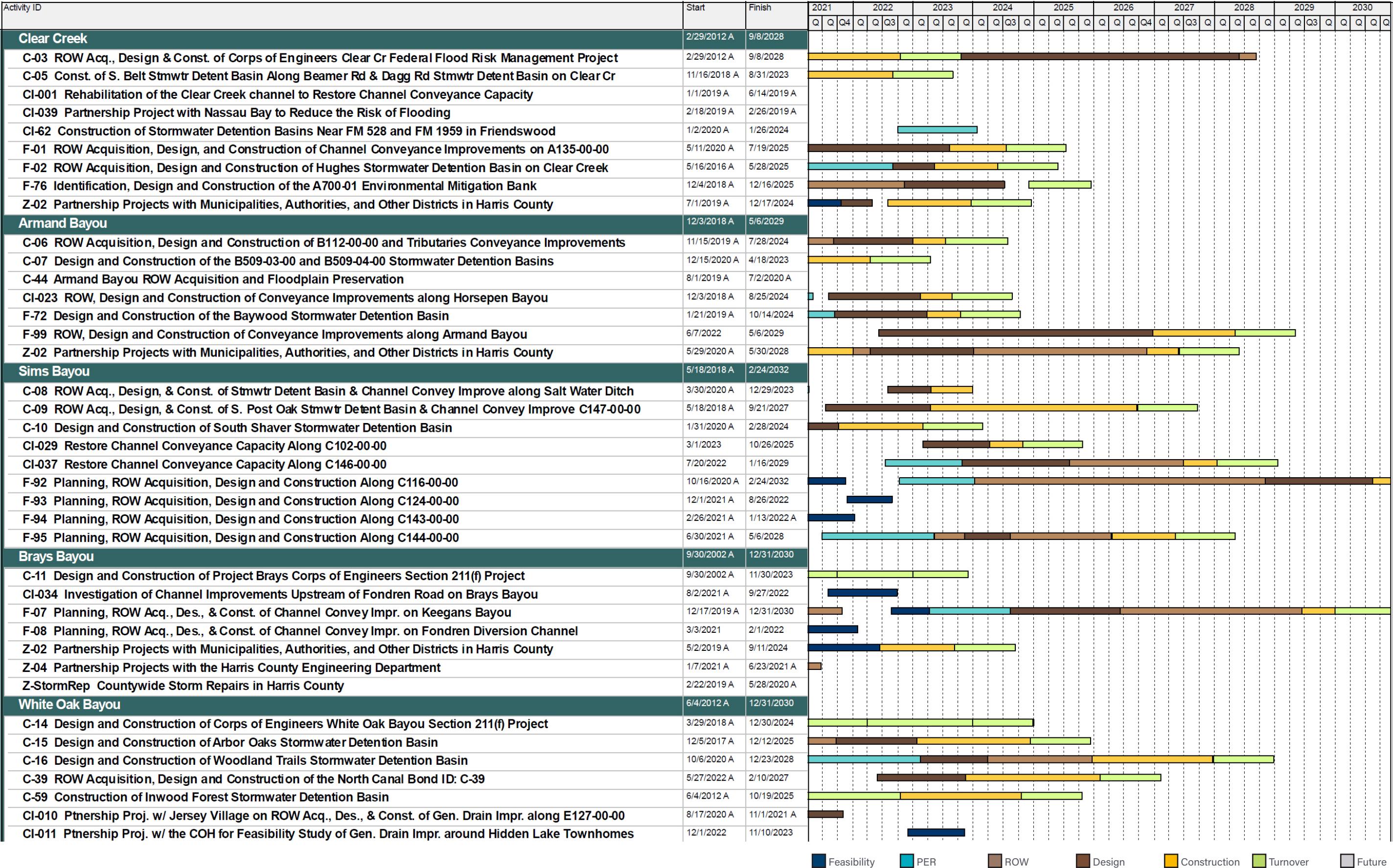
Major Maintenance of Cypress Creek and Tributaries

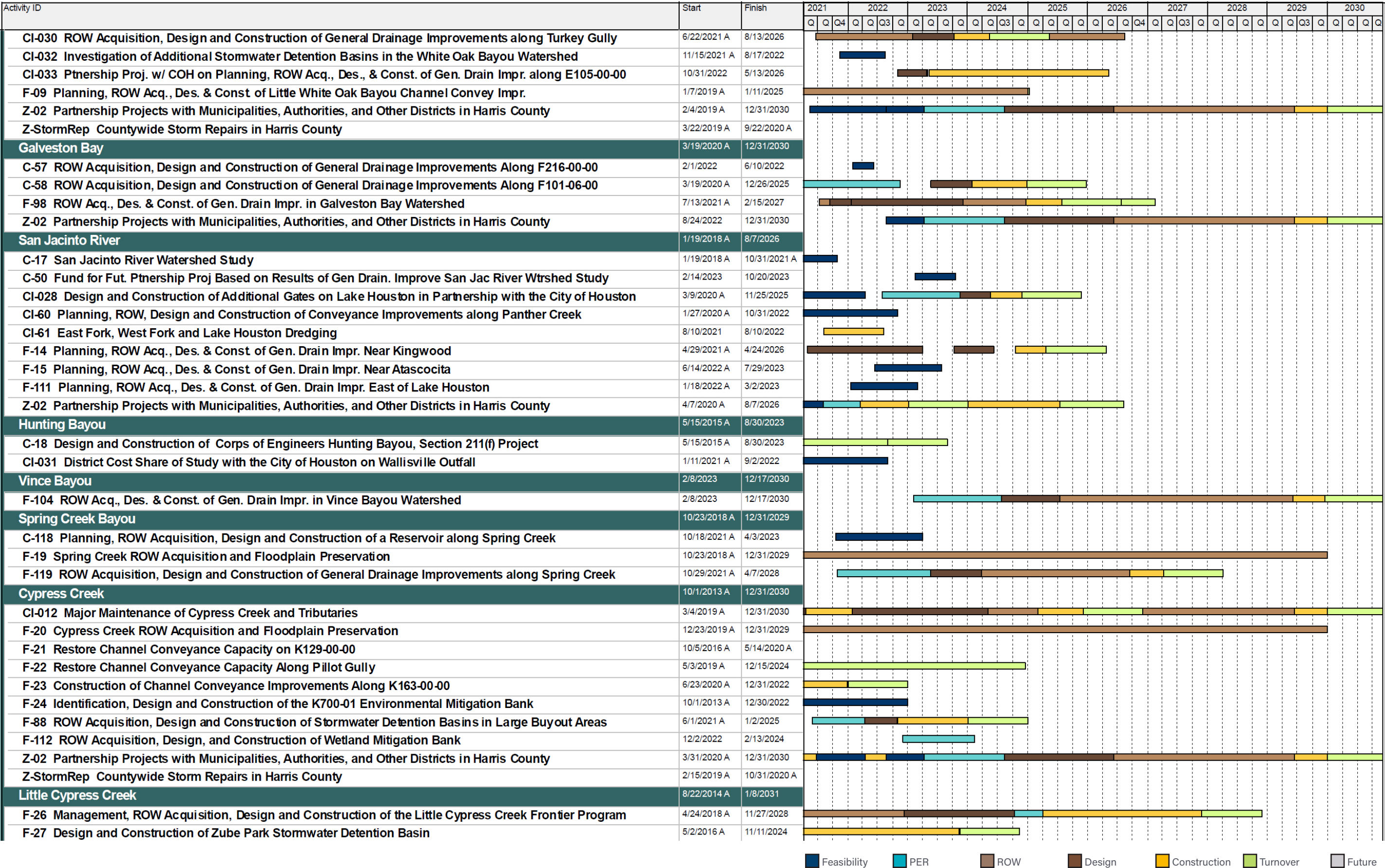
Project ID # K100-00-00-X087
Harris County Commissioners Court
Precincts: 1 and 3
Contractor – Lecon Inc.
Contract Amount – \$13,791,893.00
Construction Project Start – July 2022
Construction Contract Duration – 688 Calendar Days

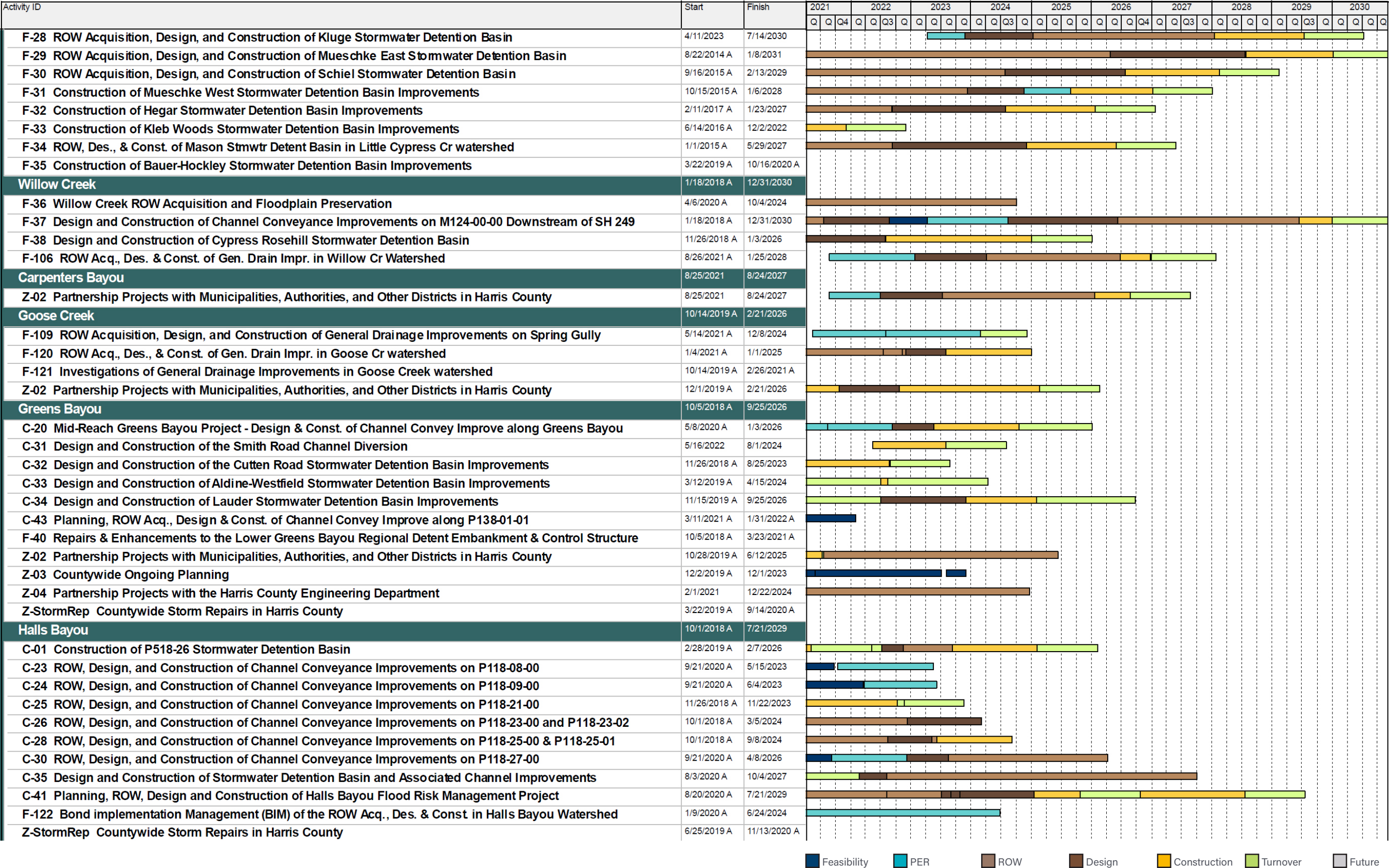
Multiple crews will be working on various project sites simultaneously. The timeframe for when crews will be working at each site in Batch 3 has not been determined, but additional communications may be sent to impacted areas prior to construction.

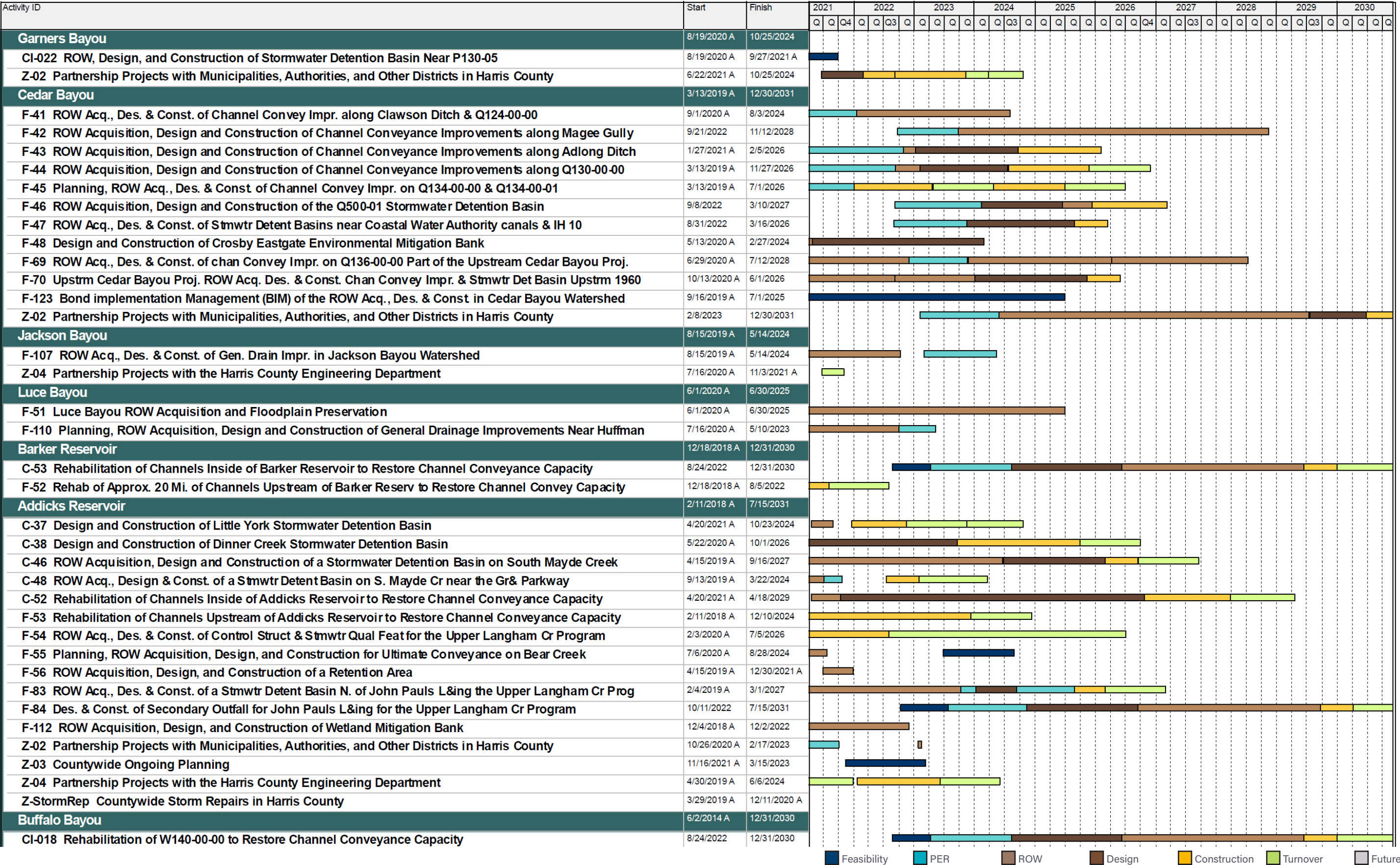
The Flood Control District appreciates your patience through the duration of this project. Should you have questions or comments, please contact us at www.hcfcd.org/contact-us or visit the project page at www.hcfcd.org/CI-012.

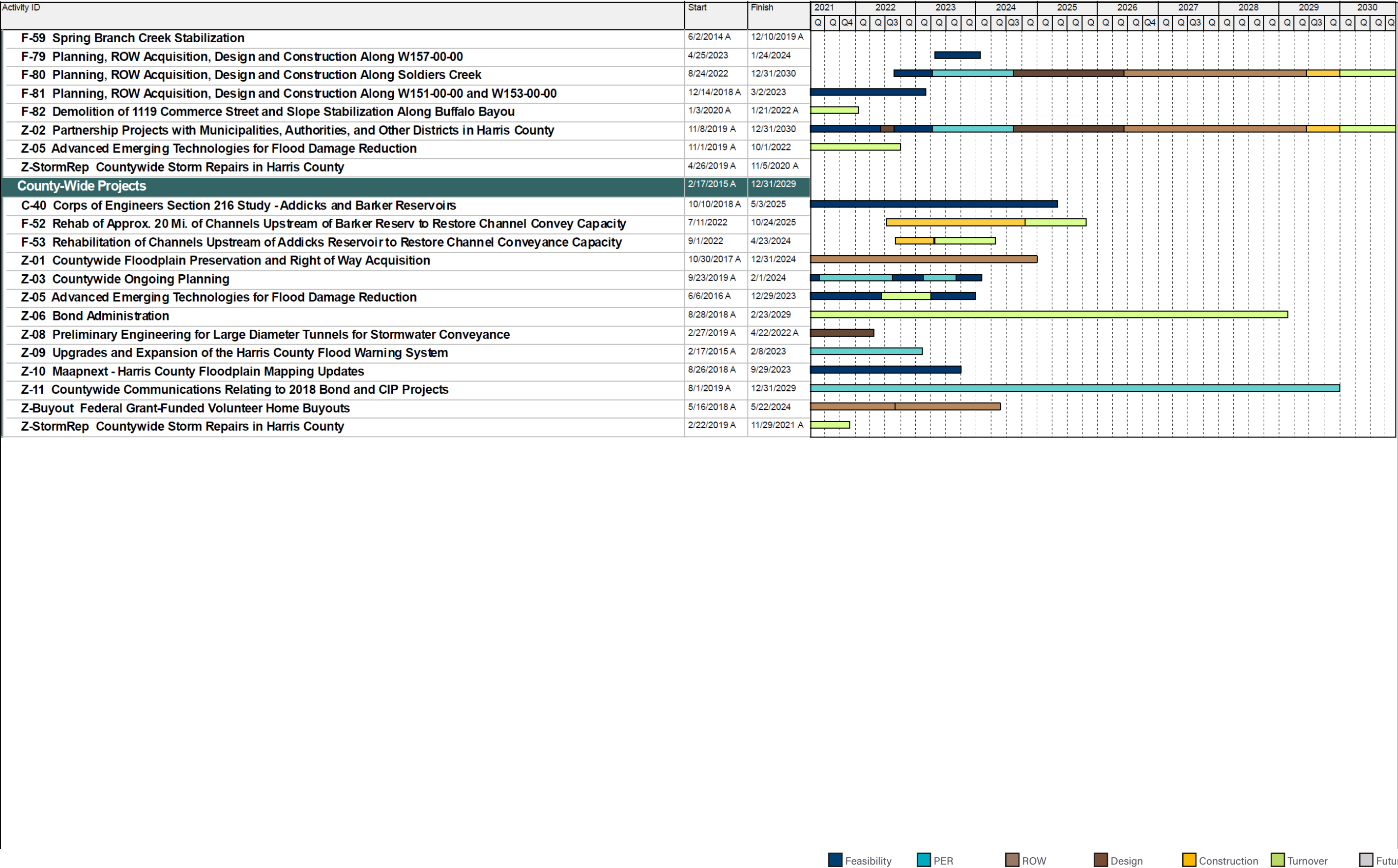
2018 Bond Program Master Schedule

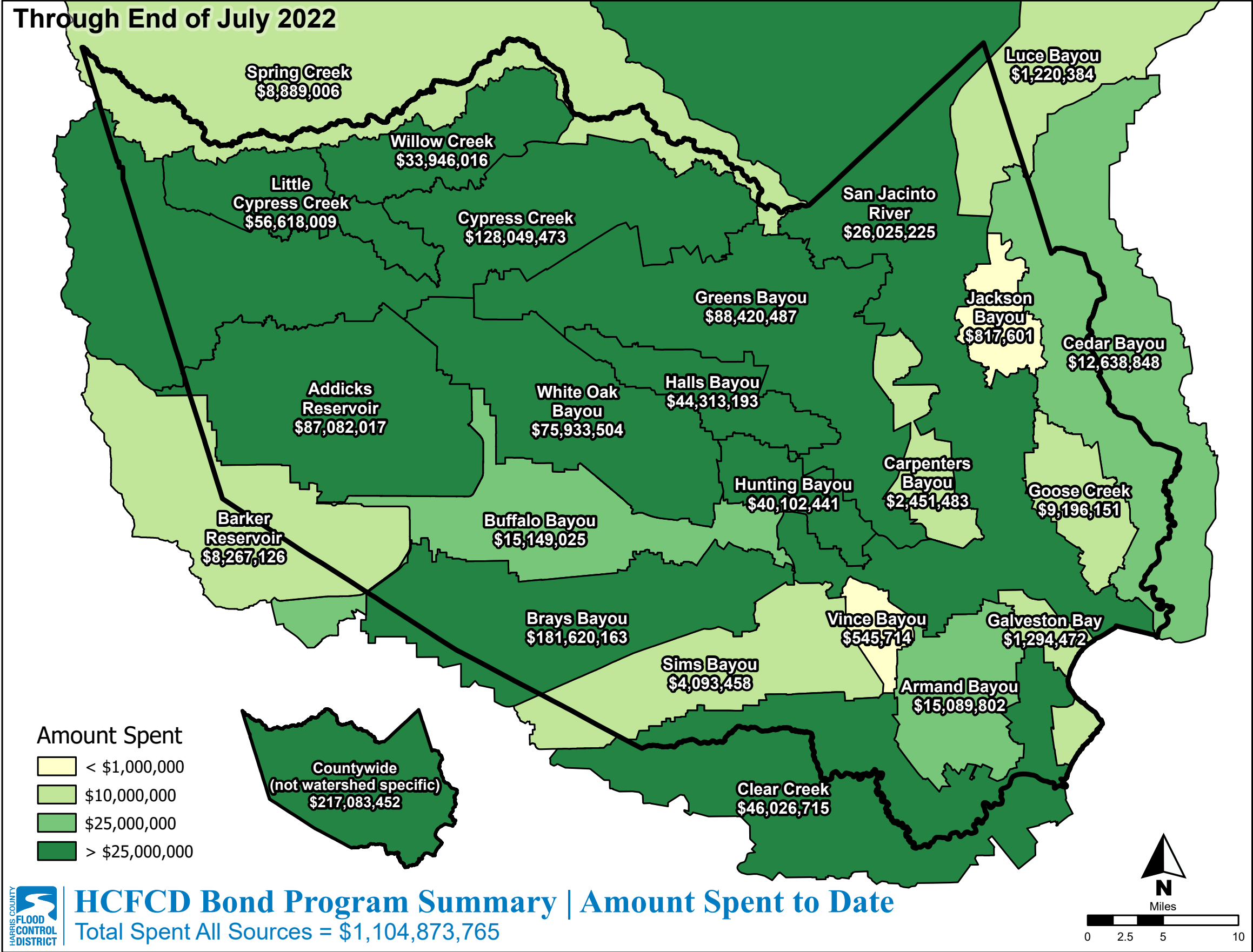


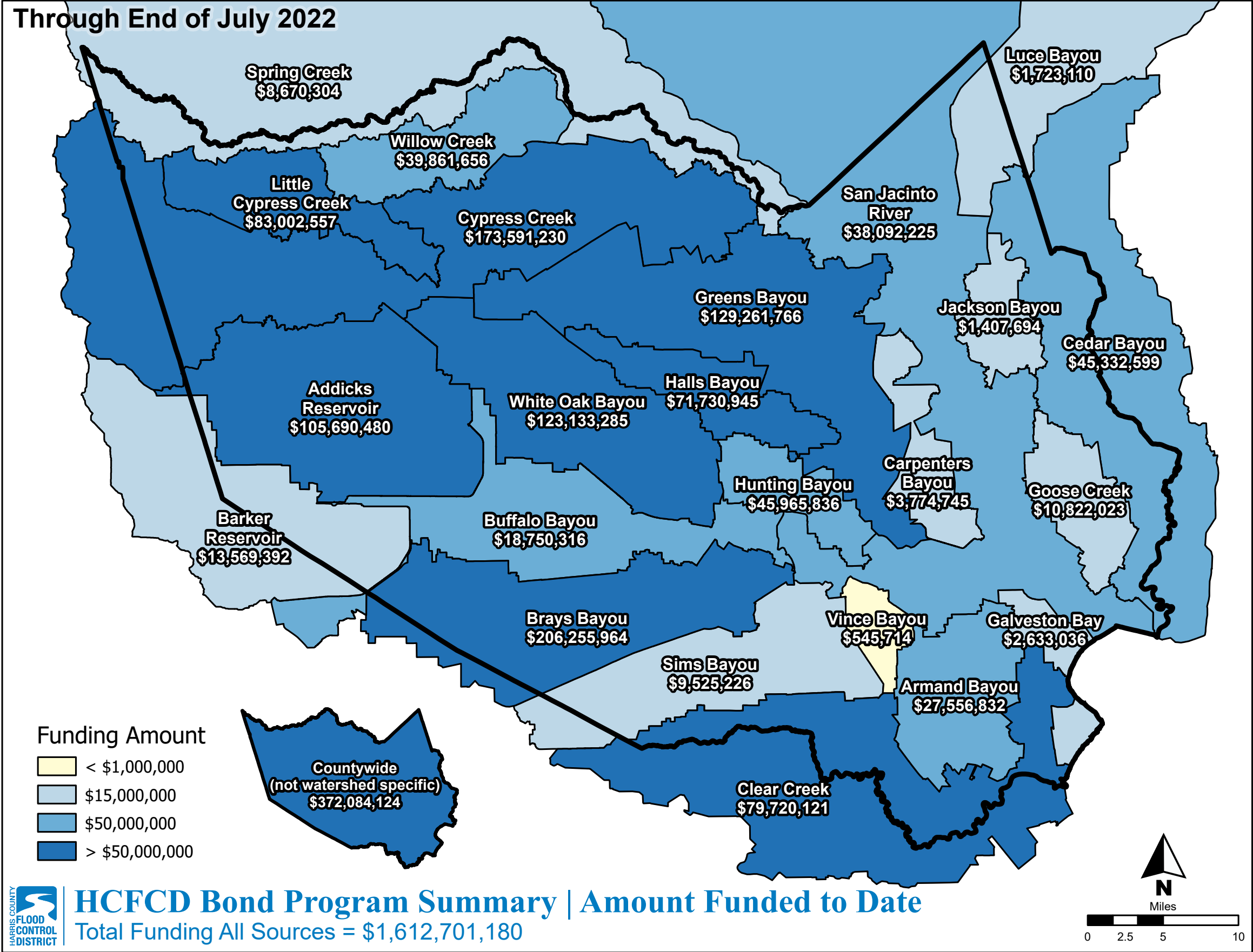










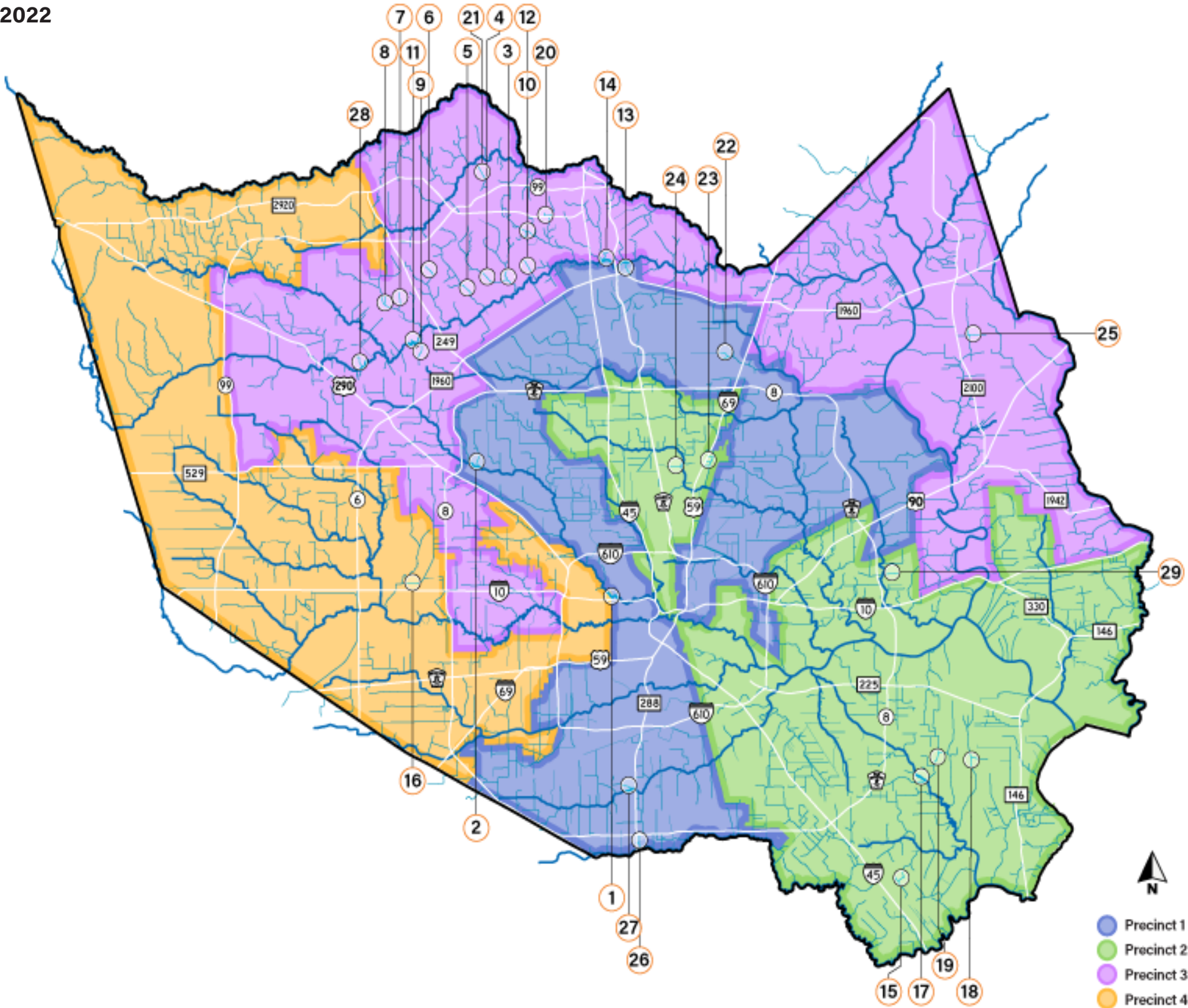




Maintenance Projects

Total Budget: \$78,446,639
Active Construction Projects - August 2022

Project	Budget
1 E100-00-00-X164 White Oak Bayou 2022 White Oak Bayou Repairs	\$1,390,374 Precincts: 1, 2, 4
2 E125-00-00-X007 White Oak Bayou Channel Improvements & Repair	\$3,494,955 Precinct: 1
K100-00-00-X084	
Major Maintenance of Cypress Creek Tributaries	\$13,430,031
3 K131-00-00-X029 Cypress Creek	Precinct: 3
4 K131-02-00-X027 Cypress Creek	Precinct: 3
5 K133-00-00-X034 Cypress Creek	Precinct: 3
K100-00-00-X085	
Major Maintenance of Cypress Creek Tributaries	\$3,299,607
6 K140-05-00-X005 Cypress Creek	Precinct: 3
7 K142-03-00-X011 Cypress Creek	Precinct: 3
8 K142-06-00-X004 Cypress Creek	Precinct: 3
9 K143-00-00-X015 Cypress Creek	Precinct: 3
10 K149-00-00-X004 Cypress Creek	Precinct: 3
11 K164-00-00-X003 Cypress Creek	Precinct: 3
K100-00-00-X087	
Major Maintenance of Cypress Creek Tributaries	\$13,791,893
12 K124-06-00-X003 Cypress Creek	Precinct: 3
13 K117-00-00-X003 Cypress Creek Reinforced Concrete Spillway and Stilling Basin	\$1,197,520 Precinct: 1
Z100-00-00-X280	
General Drainage System Repairs - North	\$16,396,126
14 K100-00-00-X097 Cypress Creek	Precinct: 3
Z100-00-00-X281	
General Drainage System Repairs - South	\$16,569,166
15 B104-03-02.1-X008 Armand Bayou	Precinct: 2
16 W167-04-00-X005 Buffalo Bayou	Precinct: 4
Z100-00-00-X304	
Drainage System Repairs - Southeast Area	\$1,396,540
17 B100-00-00-X011 Armand Bayou	Precinct: 2
18 B106-00-00-X011 Armand Bayou	Precinct: 2
19 B112-00-00-X010 Armand Bayou	Precinct: 2
Z100-00-00-X312	
Drainage Sediment Removal & Disposal - North	\$995,000
20 K124-02-03-X002 Cypress Creek	Precinct: 3
21 M108-00-00-X003 Willow Creek	Precinct: 3
22 P130-05-00-X012 Greens Bayou	Precinct: 1
Z100-00-00-X316	
Drainage System Repairs	\$1,049,870
23 P118-14-02-X001 Halls Bayou	Precinct: 2
24 P118-20-00-X003 Halls Bayou	Precinct: 2
25 R102-00-00-X005 Jackson Bayou	Precinct: 3
Z100-00-00-X319	
On-Call Sediment Removal & Disposal - South	\$550,000
26 A139-00-00-X002 Clear Creek	Precinct: 2
27 C135-00-00-X001 Sims Bayou	Precinct: 2
Z100-00-00-X324	
General Drainage System Repairs - North	\$4,885,557
28 K146-00-00-X006 Cypress Creek	Precinct: 3
29 N118-00-00-X009 Carpenters Bayou	Precinct: 2





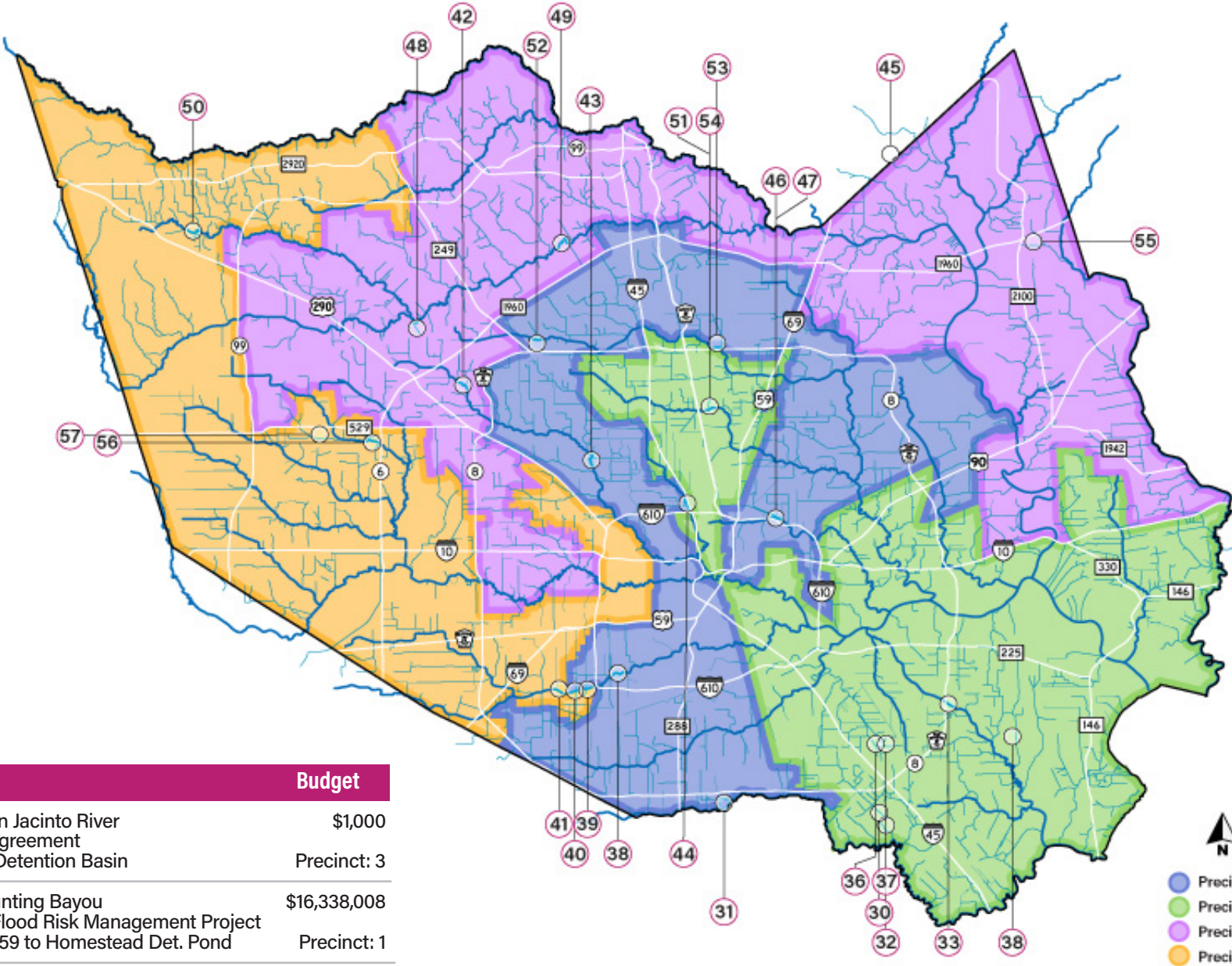
Capital Projects

Total Budget: \$225,772,646

Active Construction Projects - August 2022

Project	Budget
30 A120-00-00-C003 Clear Creek Mud Gully Channel Conveyance Improvements From Basin A520-03-00 to Sagerock Dr.	\$5,755,382 Precinct: 2
A520-03-00-E002 Clear Creek Flood Damage Reduction Multi-Site Project	\$16,988,090
31 A500-08-00-E002 Clear Creek Construction of Lawson Stormwater Detention Basin	Precinct: 2
32 A520-03-00-E003 Clear Creek Construction of South Belt Stormwater Det. Basin	Precinct: 2
32 B100-00-00-E002 Armand Bayou Widening & Deepening of Armand Bayou Beltway 8 to Spencer Hwy	\$5,049,826 Precinct: 2
34 B509-03-00-E002 Armand Bayou Excavation of Genoa-Red Bluff Stormwater Detention Basin - Phase I Southeast of Genoa-Red Bluff Rd. & Fairmont Pkwy	\$2,111,794 Precinct: 2
35 C506-01-00-E004 Sims Bayou South Shaver Stormwater Detention Basin West of S. Shaver St. & Galveston Rd. intersection	\$9,732,379 Precinct: 2
36 C506-02-00-E005 Sims Bayou South Shaver Stormwater Detention Basin East of S. Shaver St. & Galveston Rd. intersection	\$4,822,417 Precinct: 2
D100-00-00-B030 Brays Bayou Federal Flood Control Project Multi-Site Project	\$20,965,112
37 D100-00-00-B027 Brays Bayou Stella Link Rd. Bridge	Precinct: 1
38 D100-00-00-B030 Brays Bayou South Rice Blvd. Bridge	Precinct: 1, 4
39 D100-00-00-B031 Brays Bayou Chimney Rock Bridge	Precinct: 1, 4
D100-00-00-B047 Brays Bayou Federal Flood Control Project Multi-Site Project	\$49,975,582
40 D100-00-00-B033 Brays Bayou Hillcroft St. Bridge	Precinct: 1
41 E100-00-00-E005 White Oak Bayou Phase 4 Channel Conveyance Improvements E. of IH-45 at Shawnee to S. of Edgebrook	\$21,215,933 Precinct: 1, 3
42 E100-00-00-E006 White Oak Bayou White Oak Bayou Federal Flood Risk Reduction Project Channel Modifications - Discrete Segment 106 Cole Creek to Hollister Rd.	\$13,090,887 Precinct: 1
43 E501-02-00-E001 White Oak Bayou Riggs Stormwater Detention Basin - Design Phase Southwest of Riggs Rd. & IH-45	\$1,479,626 Precinct: 1

Project	Budget
44 G503-06-00-E002 San Jacinto River Excavation & Removal Agreement Woodridge Stormwater Detention Basin	\$1,000 Precinct: 3
45 H100-00-00-E005 Hunting Bayou Hunting Bayou Federal Flood Risk Management Project Hunting Bayou from US-59 to Homestead Det. Pond	\$16,338,008 Precinct: 1
46 H100-00-00-E006 Hunting Bayou Channel Conveyance Improvements UPRR Yard Upstream to Pickfair St.	\$6,011,748 Precinct: 1
47 K163-00-00-E002 Cypress Creek Channel Conveyance Improvements Cypress Creek Confluence to Cypress N. Houston	\$8,003,742 Precinct: 3
48 K500-23-00-E001 Cypress Creek E&R Agreement: TC Jester Detention Basin East of T.C. Jester Blvd. & South of Cypresswood Dr.	\$1,225 Precinct: 3
49 L500-01-00-E003 Little Cypress Creek Zube Stormwater Detention Basin & Conveyance Improvements - Phase III	\$10,960,373 Precinct: 4
50 P118-21-00-E001 Halls Bayou Open Channel & Concrete Box Improvements Lauder Rd. & JFK Boulevard	\$4,772,320 Precinct: 2
51 P500-02-00-E013 Greens Bayou Cutten Stormwater Detention Basin Improvements North of Beltway 8 and East of SH-249	\$14,231,738 Precinct: 1



Project	Budget
52 P500-04-00-E005 Greens Bayou Aldine Westfield Stormwater Detention Basin - Phase I Lauder Road and JFK Boulevard	\$11,420,726 Precinct: 2
53 P518-11-00-E001 Halls Bayou Excavation of P518-11-00 Detention Basin Along Halls Bayou, West of Aldine-Westfield Rd., East of US -59 South of Aldine Mail Rd.	\$7,314,593 Precinct: 2
54 Q534-01-00-E001 Cedar Bayou E & R Agreement: Stormwater Detention Basin Intersection of FM 1960 and FM 2100	\$1,000 Precinct: 3
55 U500-01-00-E003 Addicks Reservoir E&R Agreement: W. Little York Stormwater Detention Basin West Little York and Langham Creek	\$1,000 Precinct: 4
56 U520-01-00-E002 Addicks Reservoir E&R Agreement: Dinner Creek Stormwater Det. Basin FM-527 and Greenhouse Rd.	\$1,000 Precinct: 4