

2018 Bond Program Monthly Update

Harris County Commissioners Court – March 2022



The Flood Control District continues to implement all 181 Bond Program projects. To date, \$484 million in Bond Funds has been spent across the County, and across all funding sources, (including grants and partnerships), \$966 million has been spent. In February 2022, Commissioners Court approved execution of 6 agreements for professional services on projects in the Sims, Greens, Brays, White Oak and San Jacinto Watersheds. In addition, two Stormwater Detention Basins in the Berry Bayou watershed (a tributary of Sims Bayou) were advertised for construction, totaling \$14 million in new flood risk reduction efforts benefitting hundreds of homes.

Construction Contracts Awarded

Last Month – Count

1

Total – Count

44

Total – Amount

\$369M

Agreements Awarded

Last Month – Count

11

Last Month – Amount

\$1.8M

Total – Count

431

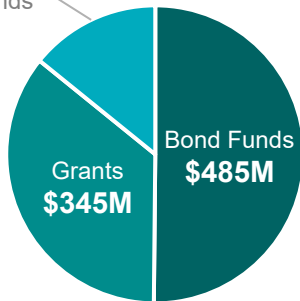
Total – Amount

\$335M

Total Spending through Feb 2022

\$967M

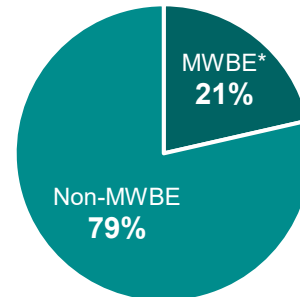
Other Local Funds
\$137M



Professional Services Invoices Paid

Total Invoiced – 02/1/2022 to 02/28/2022

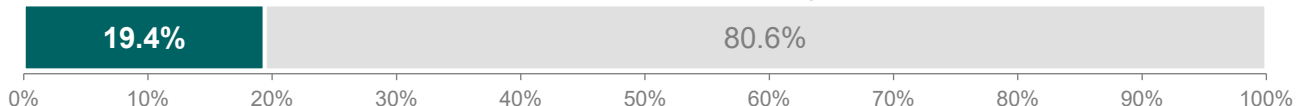
\$399,612



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

Overall Progress

% Complete of the 2018 Bond Program



Key Performance Indicators*

SPI
.98

*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

Home Buyouts Completed
*Includes CSD Mandatory Buyouts*Buyouts Funding Secured
– TotalBuyouts Funding Secured –
Spent to Date**711****443****\$516M****\$136M**

Projects Changing Stages

Project ID	Project Name	Stage Ending	Stage Starting
C143-00-00-P001	C143 Channel Feasibility Analysis	Feasibility	Complete
D100-00-00-B009	Telephone Road Bridge - Brays Bridge Repairs	Construction	Turnover & Startup
D100-00-00-B021	Brays Bayou Federal Flood Control Project Greenbriar Bridge Replacement at Brays Bayou Discrete Segment 108B	Turnover & Startup	Complete
D100-00-00-B038	DS 101a - Galveston Sub Railroad Bridge	Construction	Turnover & Startup
D100-00-00-E011	DS 110, Brays Bayou upstream of S. Rice to upstream of Fondren	Turnover & Startup	Complete
G103-00-00-P004	San Jacinto River Tributaries Study in Watersheds East of Lake Houston	Project Initiation	Feasibility
K100-00-00-X087	Major Maintenance of Cypress Creek and Tributaries Batch 3	Project Initiation	Construction
L500-11-00-E001	Hegar Stormwater Detention Basin Improvements	Preliminary Engineering	Design
M124-00-00-E002	M124-00-00 Channel Improvements from SH249 to Willow Creek	Preliminary Engineering	Design
P118-00-00-E006	Hardy West Regional Stormwater Detention Basin	Feasibility	Preliminary Engineering
P118-00-00-E007	Mainstem Improvements Downstream of Hopper and in Keith Weiss Park	Feasibility	Preliminary Engineering
P130-02-00-X018	P130-02-00 Channel Repair and Weir Replacement	Design	Construction
P138-01-01-P001	P138-01-01 Feasibility Analysis	Feasibility	Complete
U201-09-00-Y001	U201-09-00 Crossing at Porter Road	Design	Construction

In the News

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

Construction Advisory for Cedar Bayou Stormwater Detention South Basin *(February 2022)*

In an effort to keep you informed about the Harris County Flood Control District's continuing improvements in the Cedar Bayou watershed, we want to notify you of an upcoming construction project. Starting in February 2022, the Flood Control District will begin an Excavation and Removal (E&R) project on property southwest of FM 1960 and east of FM 2100. An E&R is cost-effective tool that allows us to remove large quantity of soil at a fraction of the cost compared to a typical basin construction. This property will be an active construction zone for the extent of the contract, which could be up to three years.

The work involves heavy machinery and will include clearing multiple paths for the crews and equipment to access the work site, as well as excavating and removing soil and other material. The work will impact footpaths and bike trails throughout the property and will require closing the construction zone to visitors, for their safety and the safety of work crews. To ask a question or to comment on project activities, please visit the Cedar Bayou Stormwater Detention Basin project webpage hcfcd.org/F45.

Project ID: E&R Q534-01-00-E001
Precinct: 2
Contract Amount: \$1,000.00
Contractor: Construction-Sidekick, LLC
Contract Amount: \$1,390,374.00
Construction Start: Winter/2021-2022
Construction Duration: Approximately three years

Project Web Page:
hcfcd.org/F45

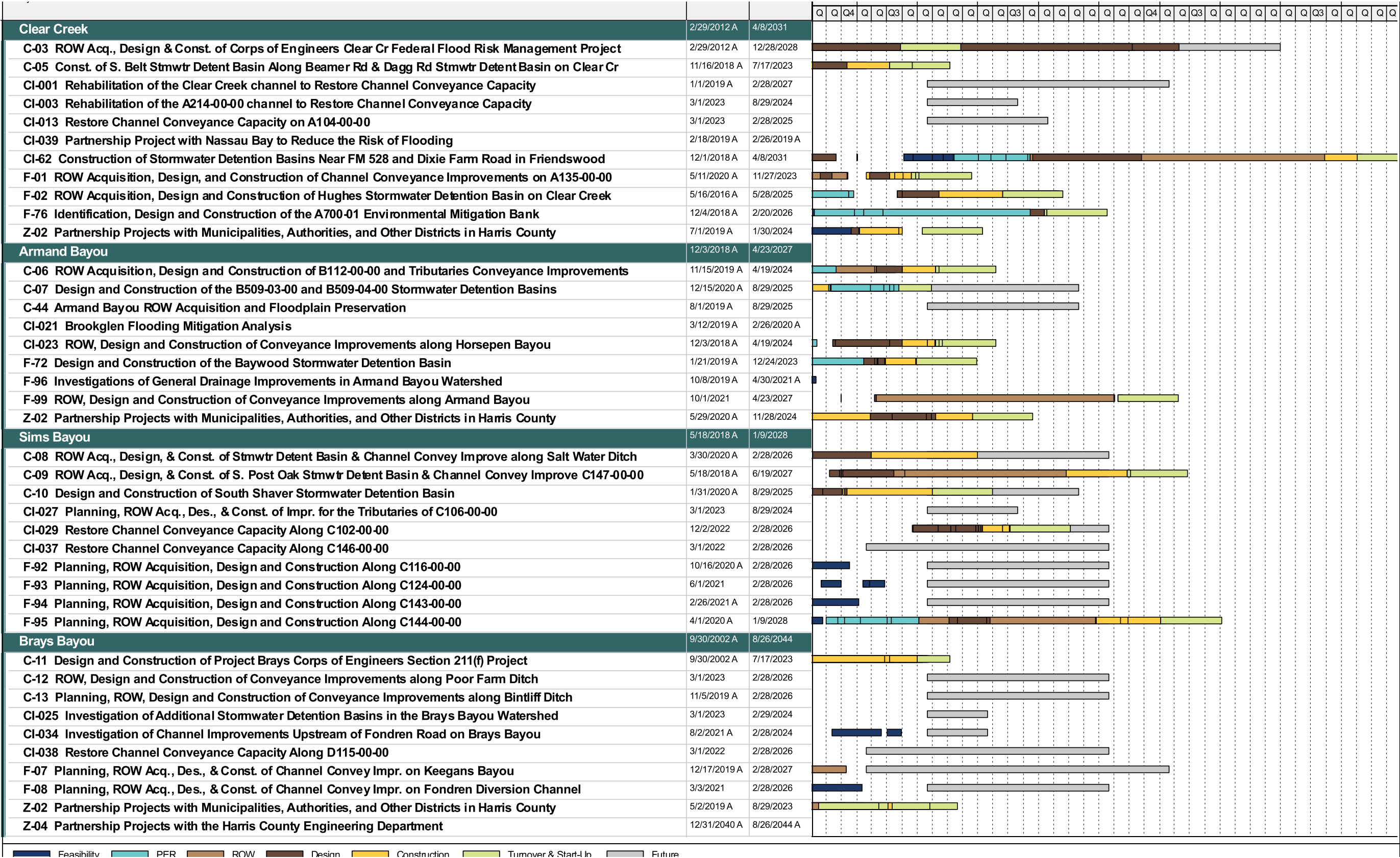
Construction Update for Mud Gully Project: Scarsdale Bridge Reopening & Beamer Bridge Lane Closures *(February 9, 2022)*

Last week, inclement weather delayed the reopening Scarsdale Boulevard bridge. The current plan is to reopen the bridge on or about February 9, 2022, weather permitting.

Following this reopening, construction on Segment 3 will continue, resulting in the upcoming lane closures eastbound of the Beamer Road bridge. The Flood Control District will distribute additional information on the timing of the Beamer Road bridge lane closures as it is solidified. In addition, project teams are coordinating with local stakeholders, including Memorial Hermann Southeast Hospital and San Jacinto College South, on the upcoming lane closures and traffic pattern changes to ensure no adverse impacts.

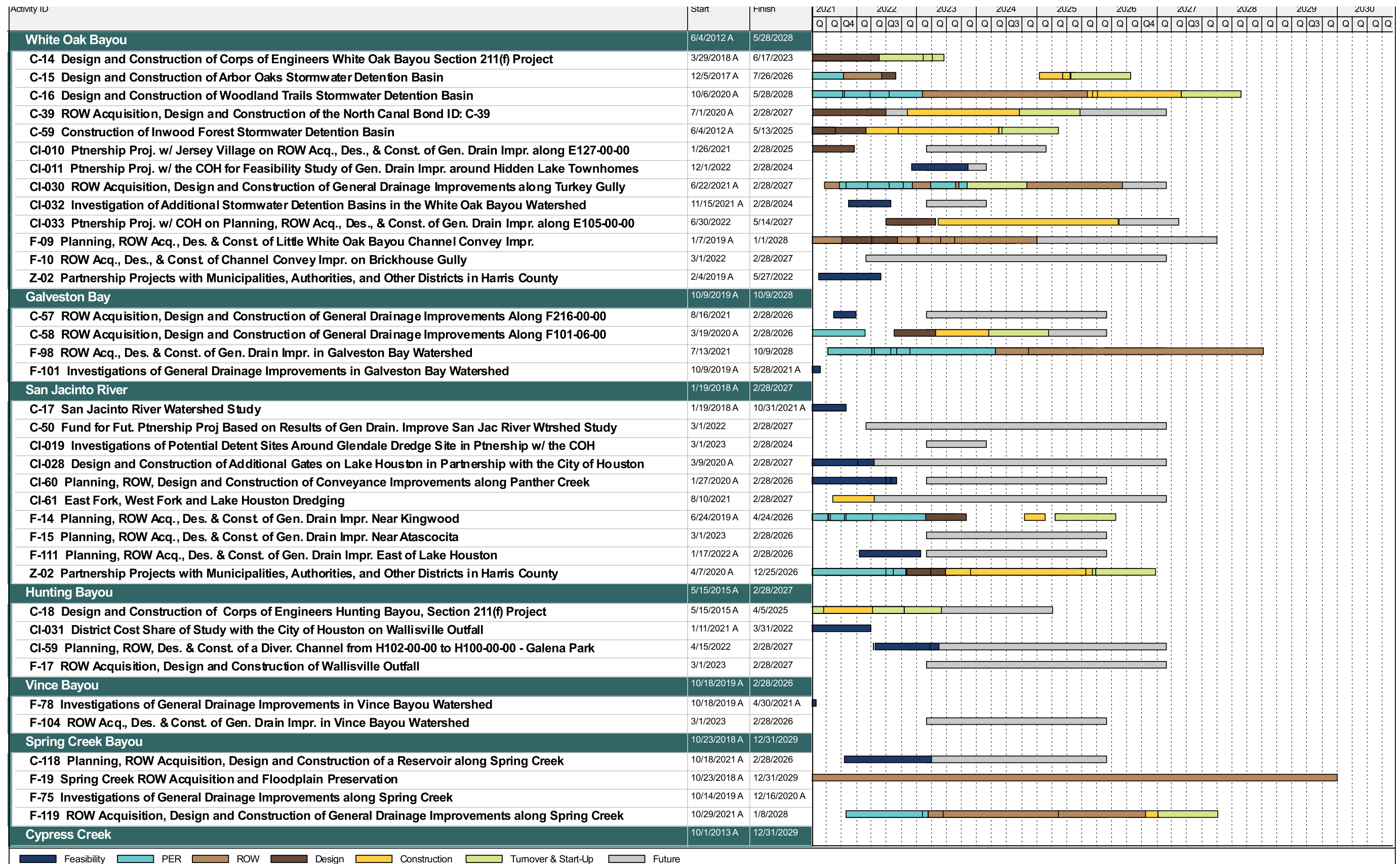
The Flood Control District appreciates your patience and understanding with these construction inconveniences for this important flood risk reduction project in your area. For more information on the project and the traffic control plan, visit hcfcd.org/Mud-Gully.

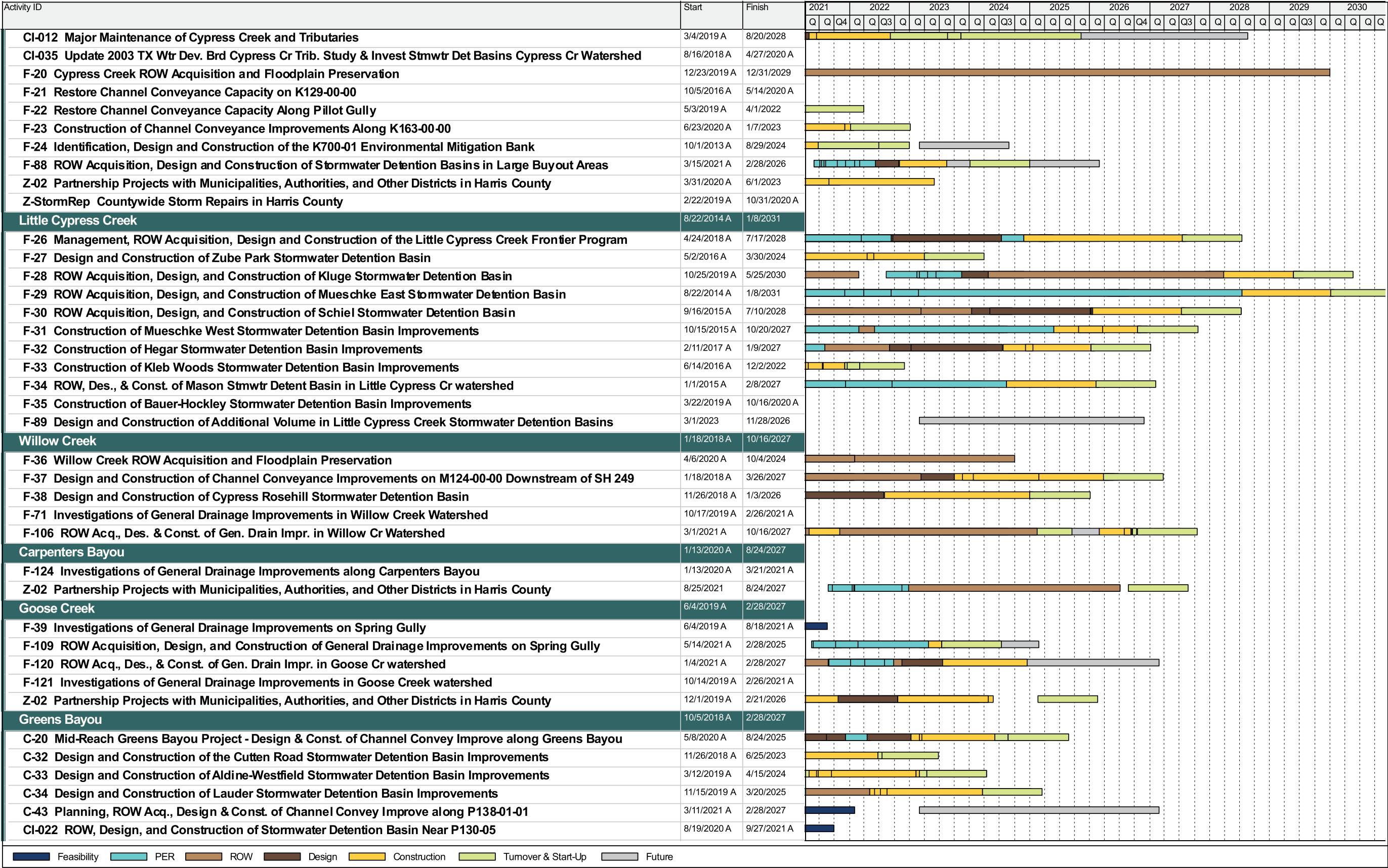
2018 Bond Program Master Schedule

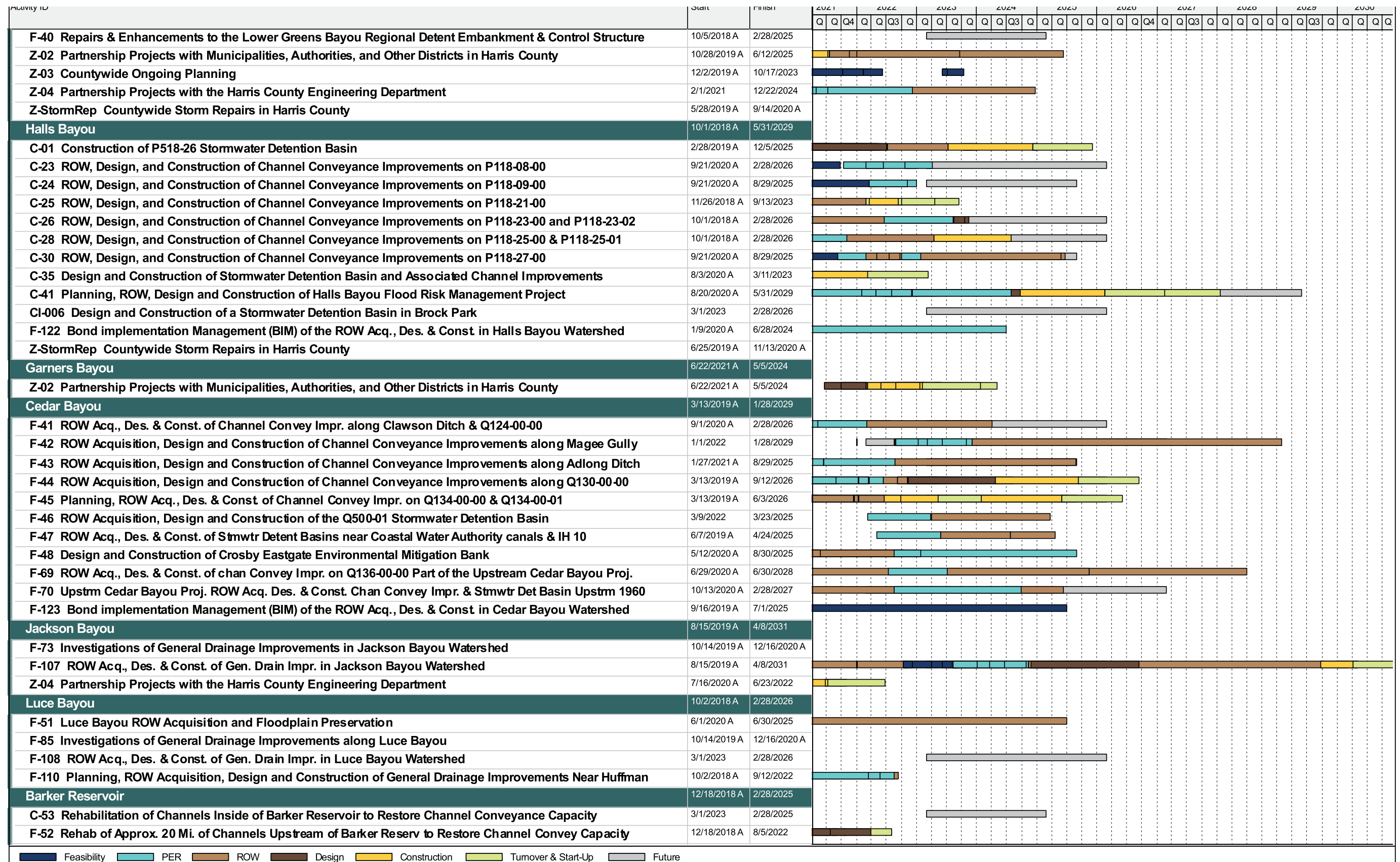


Feasibility PER ROW Design Construction Turnover & Start-Up Future

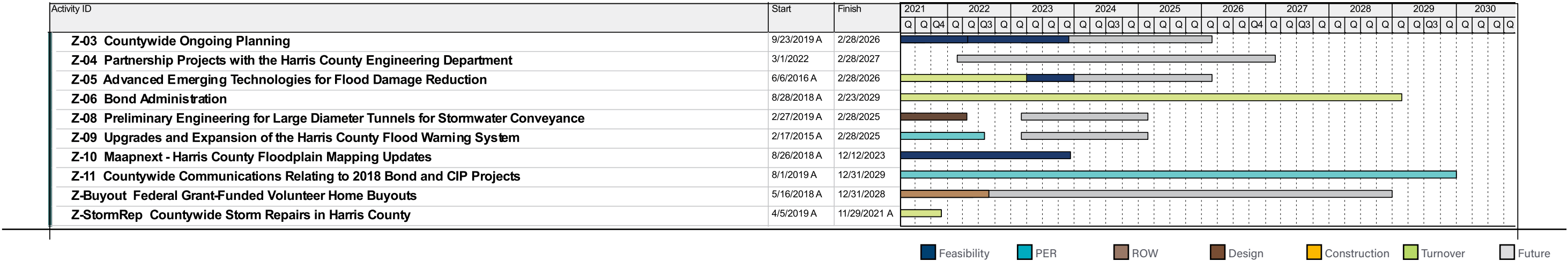
Feasibility PER ROW Design Construction Turnover Future

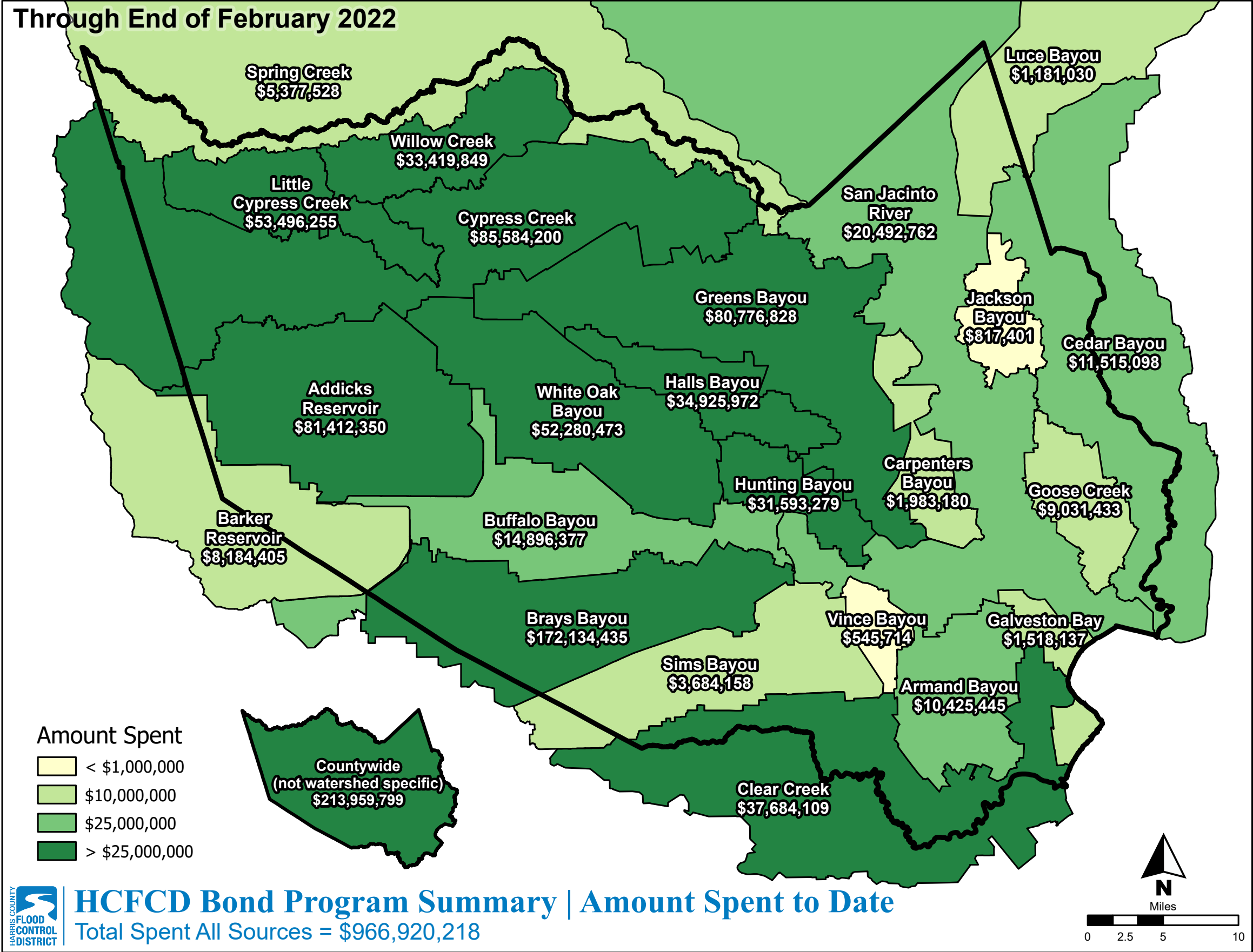


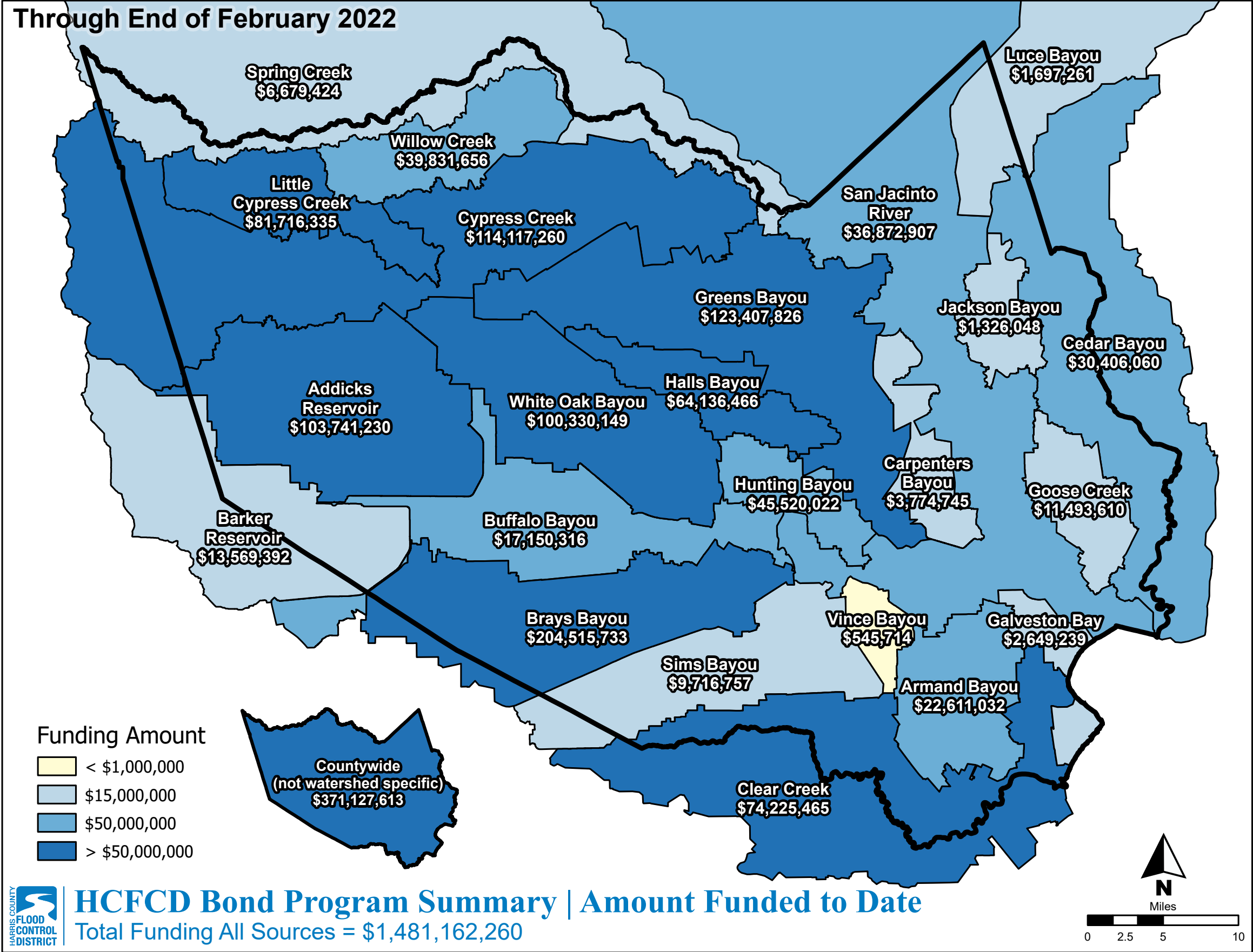




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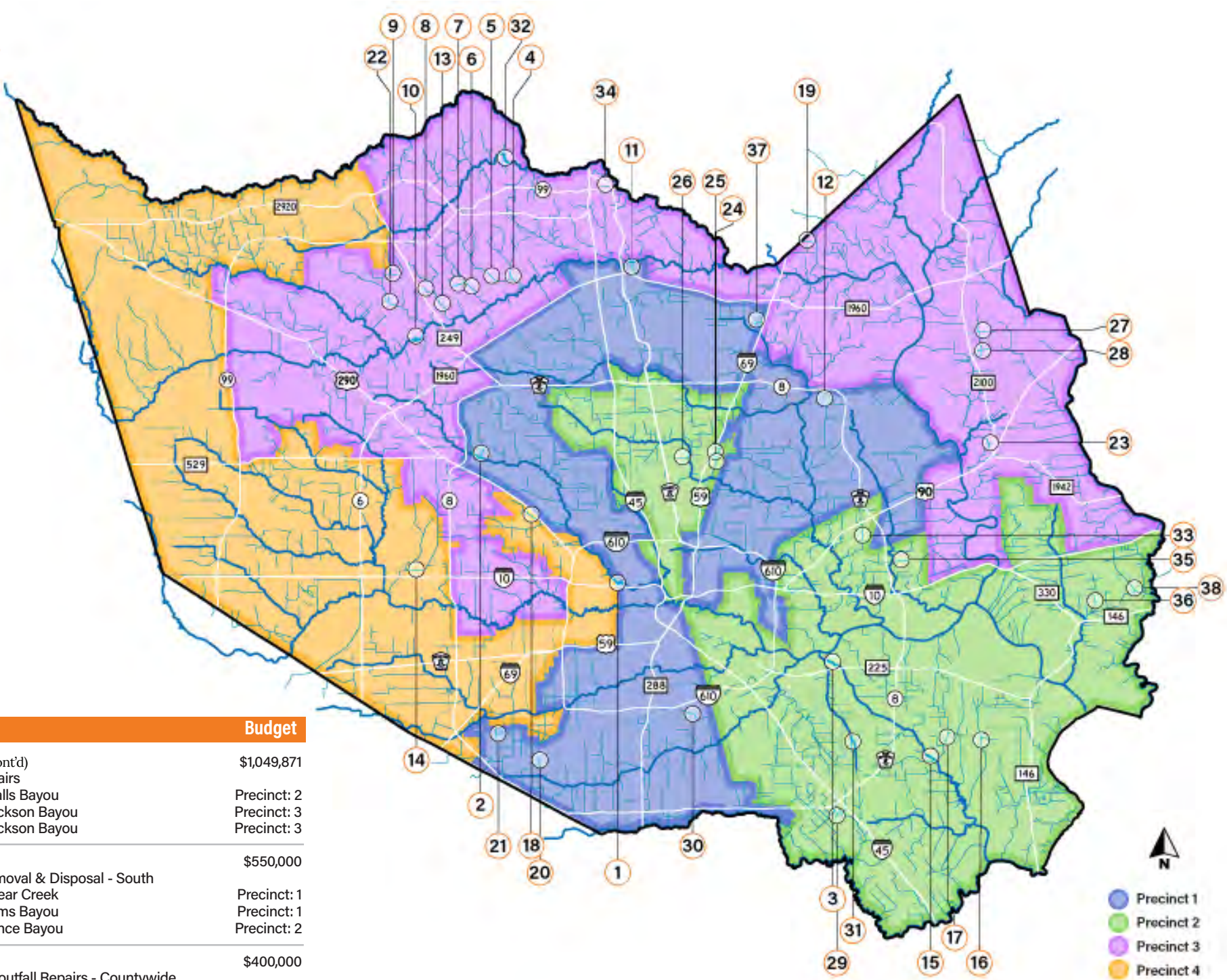


Maintenance Projects

Total Budget: \$63,265,554
Active Construction Projects - March 2022

Project	Budget
1 E100-00-00-X164 White Oak Bayou 2021 White Oak Bayou Repairs	\$1,309,374 Precincts: 1, 2, 4
2 E125-00-00-X007 White Oak Bayou Channel Improvements & Repair	\$3,494,955 Precinct: 4
3 I101-00-00-X018 Vince Bayou Erosion Repairs from Richey St. to Shaver St.	\$751,000 Precinct: 2
K100-00-00-X084 Major Maintenance of Cypress Creek Tributaries	\$13,430,031
4 K131-00-00-X029 Cypress Creek	Precinct: 4
5 K131-02-00-X027 Cypress Creek	Precinct: 4
6 K133-00-00-X034 Cypress Creek	Precinct: 4
7 K133-03-00-X007 Cypress Creek	Precinct: 4
K100-00-00-X085 Major Maintenance of Cypress Creek Tributaries	\$3,299,607
8 K140-04-00-X001 Cypress Creek	Precinct: 4
9 K142-07-00-X013 Cypress Creek	Precinct: 4
10 K164-00-00-X003 Cypress Creek	Precinct: 4
11 K117-00-00-X003 Cypress Creek Reinforced Concrete Spillway and Stilling Basin	\$1,197,520 Precinct: 4
12 P700-01-00-X018 Greens Bayou Wetland Mitigation Bank access road repairs	\$1,350,283 Precinct: 4
Z100-00-00-X280 General Drainage System Repairs - North	\$16,396,126
13 K140-00-00-X020 Cypress Creek	Precinct: 4
Z100-00-00-X281 General Drainage System Repairs - South	\$16,569,166
14 B104-03-02.1-X008 Armand Bayou	Precinct: 2
15 W167-04-00-X005 Buffalo Bayou	Precinct: 3
Z100-00-00-X304 Drainage System Repairs - Southeast Area	\$1,392,750
16 B100-00-00-X011 Armand Bayou	Precinct: 2
17 B106-00-00-X011 Armand Bayou	Precinct: 2
18 B112-00-00-X010 Armand Bayou	Precinct: 2
Z100-00-00-X312 Drainage Sediment Removal & Disposal - North	\$725,000
19 E115-04-00-X008 White Oak Bayou	Precinct: 4
20 G103-38-02-X004 San Jacinto River	Precinct: 4
Z100-00-00-X314 On-Call Sediment Removal County Wide	\$300,000
21 D140-01-00-X002 Brays Bayou	Precinct: 1
22 K142-00-00-X024 Cypress Creek	Precinct: 3
Z100-00-00-X316 Drainage System Repairs	\$1,049,871
23 G103-09-00-X001 San Jacinto River	Precinct: 3
24 P118-04-02-X001 Halls Bayou	Precinct: 2
25 P118-14-00-X001 Halls Bayou	Precinct: 2

Project	Budget
Z100-00-00-X316 (cont'd) Drainage System Repairs	\$1,049,871
26 P118-20-00-X003 Halls Bayou	Precinct: 2
27 R102-00-00-X005 Jackson Bayou	Precinct: 3
28 R102-10-01-X001 Jackson Bayou	Precinct: 3
Z100-00-00-X319 On-Call Sediment Removal & Disposal - South	\$550,000
29 A119-10-00-X006 Clear Creek	Precinct: 1
30 C118-00-00-X012 Sims Bayou	Precinct: 1
31 I100-00-00-X033 Vince Bayou	Precinct: 2
Z100-00-00-X320 On-Call Storm Sewer outfall Repairs - Countywide	\$400,000
32 M100-00-00-X007 Willow Creek	Precinct: 2
33 P107-00-00-X024 Greens Bayou	Precinct: 1
Z100-00-00-X324 General Drainage System Repairs - North	\$1,049,871
34 J114-00-00-X008 Spring Creek	Precinct: 3
35 N118-00-00-X009 Carpenters Bayou	Precinct: 2
36 O105-00-00-X013 Spring Gully & Goose Creek	Precinct: 2
37 P130-09-00-X009 Greens Bayou	Precinct: 1
38 Q112-00-00-X016 Cedar Bayou	Precinct: 2



HARRIS COUNTY



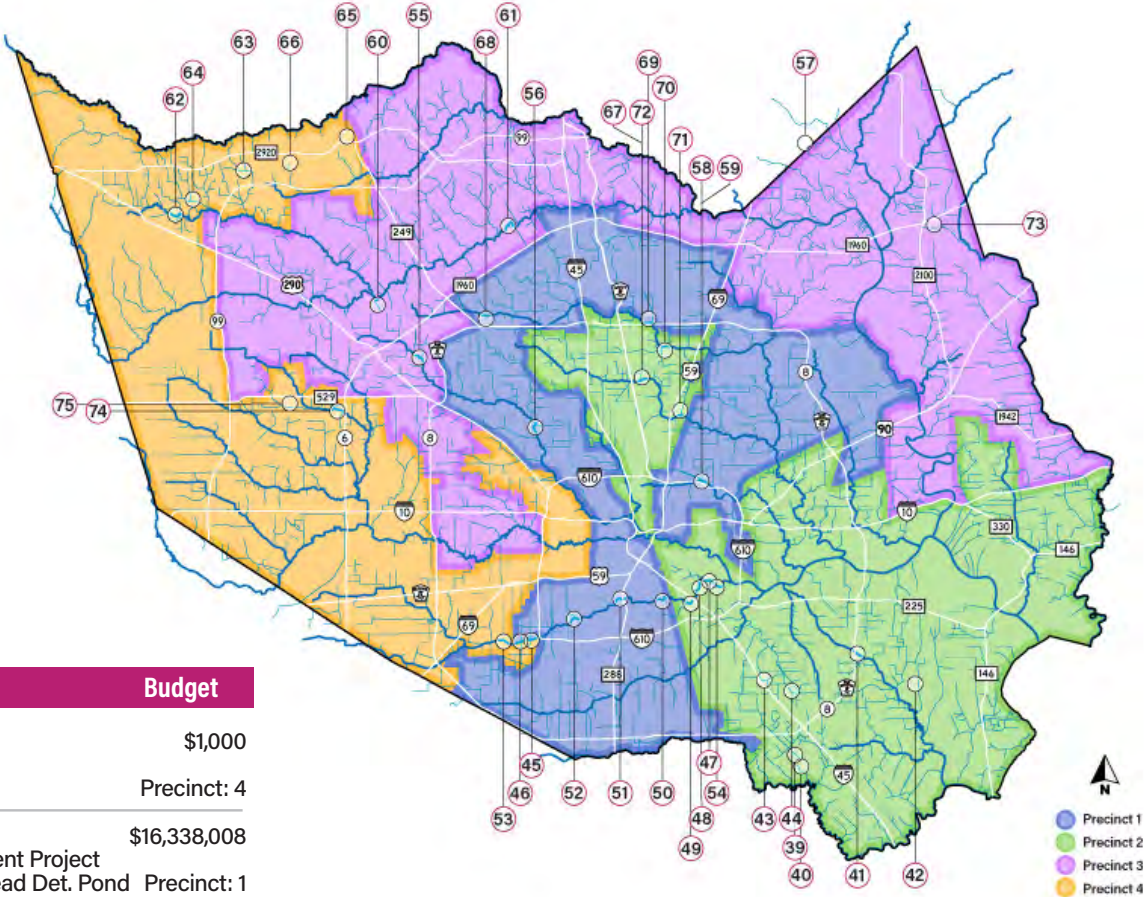
FLOOD
CONTROL
DISTRICT

Capital Projects

Total Budget: \$248,676,942
Active Construction Projects - March 2022

Project	Budget
39 A120-00-00-C003 Clear Creek Mud Gully Channel Conveyance Improvements From Basin A520-03-00 to Sagerock Dr.	\$5,755,382 Precinct: 1
40 A520-03-00-E003 Clear Creek Phase 3 Construction of South Belt Stormwater Detention Basin	\$16,988,090 Precinct: 1
41 B100-00-00-E002 Armand Bayou Widening & Deepening of Armand Bayou Beltway 8 to Spencer Hwy	\$5,095,668 Precinct: 2
42 B509-03-00-E002 Armand Bayou Excavation of Genoa-Red Bluff Stormwater Detention Basin Phase 1	\$2,111,794 Precinct: 2
43 C106-03-00-C007 Sims Bayou Phase 4 Channel Conveyance Improvement East of I-45 at Shawnee to S. of Edgebrook	\$6,484,638 Precinct: 2
44 C506-01-00-E004 Sims Bayou South Shaver Stormwater Detention Basin	\$9,732,379 Precinct: 2
D100-00-00-B030 Brays Bayou Federal Flood Control Project Multi-Site Project	\$20,643,967
45 D100-00-00-B030 Brays Bayou South Rice Blvd. Bridge	Precinct: 3
46 D100-00-00-B031 Brays Bayou Chimney Rock Bridge	Precinct: 3
D100-00-00-B047 Brays Bayou Federal Flood Control Project Multi-Site Project	\$49,741,155 Precinct: 1, 2, 3
47 D100-00-00-B006 Brays Bayou S. 75th Bridge	Precinct: 2
48 D100-00-00-B008 Brays Bayou Lawndale Bridge	Precinct: 2
49 D100-00-00-B009 Brays Bayou Telephone Bridge	Precinct: 2
50 D100-00-00-B011 Brays Bayou Calhoun Bridge	Precinct: 1
51 D100-00-00-B015 Brays Bayou Almeda Bridge	Precinct: 1
52 D100-00-00-B026 Brays Bayou Buffalo Speedway Bridge	Precinct: 1
53 D100-00-00-B033 Brays Bayou Hillcroft Bridge	Precinct: 3
54 D100-00-00-B038 Brays Bayou UPRR Galveston Sub	Precinct: 2
55 E100-00-00-E005 White Oak Bayou Phase 4 Channel Conveyance Improvements E. of IH-45 at Shawnee to S. of Edgebrook	\$21,371,486 Precinct: 4
56 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.	\$13,160,439 Precinct: 1

Project	Budget
57 G503-06-00-E002 San Jacinto River Excavation & Removal Agreement Woodridge Stormwater Detention Basin	\$1,000 Precinct: 4
58 H100-00-00-E005 Hunting Bayou Hunting Bayou Federal Flood Risk Management Project Along Hunting Bayou from US-59 to Homestead Det. Pond	\$16,338,008 Precinct: 1
59 H100-00-00-E006 Hunting Bayou Channel Conveyance Improvements UPRR Yard Upstream to Pickfair St.	\$6,490,063 Precinct: 1
60 K163-00-00-E002 Cypress Creek Channel Conveyance Improvements Cypress Creek Confluence to Cypress N. Houston	\$8,003,743 Precinct: 3
61 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: 4
62 L500-01-00-E003 Little Cypress Creek Zube Stormwater Detention Basin & Conveyance Improvements - Phase 3	\$10,960,373 Precinct: 3
63 L512-01-00-E004 Little Cypress Creek Kleb-Mueschke Stormwater Det. Basin Improvements Mueschke Rd., one-mile North of Grand Pkwy	\$2,821,976 Precinct: 3
64 L514-01-00-E002 Little Cypress Creek E&R Agreement: Bauer-Hockley Stormwater Det. Basin Bauer-Hockley Rd. East of Becker Rd.	\$1,000 Precinct: 3
65 M124-00-00-E001 Willow Creek Channel Excavation - Stormwater Detention Basin - Phase I SH 249 to FM 2920	\$3,548,377 Precinct: 4
66 M528-01-00-E001 Willow Creek E&R Agreement: Cypress Rosehill Stormwater Detention Basin Cypress Rosehill Rd. South of Seidel Cemetary Rd.	\$1,000 Precinct: 4
67 P118-21-00-E001 Halls Bayou Open Channel & Concrete Box Improvements Lauder Rd. & JFK Boulevard	\$4,772,320 Precinct: 2



Project	Budget
68 P500-02-00-E013 Greens Bayou Cuten Stormwater Detention Basin Improvements North of Beltway 8 and East of SH-249	\$14,213,282 Precinct: 4
69 P500-04-00-E005 Greens Bayou Aldine Westfield Stormwater Detention Basin - Phase 1 Lauder Road and JFK Boulevard	\$11,420,726 Precinct: 1
70 P500-06-00-E005 Greens Bayou Lauder Stormwater Detention Basin - Phase 1 Lauder Rd. & JFK Boulevard	\$15,812,454 Precinct: 2
71 P518-10-00-E002 Halls Bayou Excavation of Little York Basin & Hopper Basin North to Langely Rd., West to Hirsch Rd., East to US-59 and South to Hartwick Rd.	\$3,775,721 Precinct: 2
72 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.	\$5,913,715 Precinct: 2
73 Q534-01-00-E001 Cedar Bayou E & R Agreement: Stormwater Detention Basin Intersection of FM 1960 and FM 2100	\$1,000 Precinct: 2
74 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
75 U520-01-00-E002 Addicks Reservoir E&R Agreement: Dinner Creek Stormwater Det. Basin FM-527 and Greenhouse Rd.	\$1,000 Precinct: 4