

Welcome

GALVESTON
DISTRICT
EXTERNAL PRB
10 FEBRUARY 2021



US Army Corps of Engineers
BUILDING STRONG®



OPERATIONS DIVISION

Christopher Frabotta
Chief, Operations Division
Galveston District
Southwestern Division
Date: 10 Feb 2021



US Army Corps
of Engineers®



OPERATIONS

CHRIS FRABOTTA

O&M Program (FY20-FY22):		Milestones/Initiatives:	
FY21		<u>FY21 Contracts</u>	
Regular Appropriation			
FY20 Carry-in:	28.0	FY20 Carry-in:	41.6
FY21 Allocation:	168.3	FY21 Approved:	0.0
FY21 Total:	196.3	FY21 Available:	41.6
FY22		FY23	
Pres. Budget	Feb 21		
Total Capability	296.4	Total Capability	TBD
Commander Highlights:		Meetings / Conferences:	
<ul style="list-style-type: none">• M/V SNELL: In SWG performing facility repairs and buoy maintenance repairs / respacing• CURRITUCK: Dredging MOC Entrance Channel• MURDEN: Currently in Gulf Shipyard; anticipate in SWG March 2021• Active Dredging Operations:<ul style="list-style-type: none">• Brownsville – Main Channel TW LAQUAY• Channel to Port Mansfield ORION MARINE• CCSC ORION MARINE• GIWW ORION MARINE• GIWW CALLAN• GIWW (11 FEB) INLAND• GIWW (17 FEB) RLB• Houston Ship Channel RLB Contracting• Channel to Victoria ORION MARINE• SNWW GLDD• Freeport MANSON		<ul style="list-style-type: none">• SWD Ranger Training (Galv) TBD 2021• NWC Summit Mar 8-10, 2021• USACE National Dredging Meeting (TBD) May (TDB) 2021• WEDA National (TAMPA) Jun 14-17, 2021• GICA (NOLA) Aug 4-6, 2021• ASBPA (NOLA) Sep 28-Oct 1, 2021• Galveston District Dredging Meeting Oct (TBD) 2021• WEDA - Gulf Coast (Mobile, AL) Nov 16-18, 2021	

PL 84-99 PROJECTS

Ryan Schwartzengraber



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MISSION / PEOPLE / TEAMWORK



PL 84-99 Port Arthur Hurricane Flood Protection Project Pump Station Repairs



General Information

Phase: Construction

Purpose: PL 84-99 Repairs

Sponsor: Jefferson Co. Drainage District #7

Scope: Repair and/or replace pump stations damaged during Hurricane Harvey

Status

- PDT addressing Requests For Information and reviewing part drawings/layouts for approval.
- Contractor continuing procurement process of MCCs, ATSSs, and lube pump systems

District Team Members

Project Mngr: Ryan Schwartzengraber

Construction: Tim White

Real Estate: Nichole Schlund

Lead Engr: Sunday Akinbowale

Env Lead: David Clark

CT: Maria Rodriguez

Issues/Challenges/Risks/Mitigation

- N/A

Scheduled Activities/Milestones

Milestone Code	Activity Description	Base-line	Basic	Current	Actual	Status
CW400	Advertise Contract		1-Mar-20	16-Jun-20	16-Jun-20	A
CW430	Contract Award		26-Apr-20	8-Sep-20	8-Sep-20	A
CW440	NTP		20-May-20	01-Oct-20	01-Oct-20	A
CW450	Project Physical Completion		09-Nov-20	28-Jun-21	Jun-21	

Bold are HQ's Key Milestones; non Bold are other tracking Milestones

90 Day Look Ahead

- Contractor to submit for approval:
 - Motor Stands and Platforms Shop Drawings
 - Motor Stands and Platforms Design Data
 - Motor Stands and Platforms Welding Procedures and Certifications
 - MCC and ATS factory testing procedures
- Start pump station repairs



PL 84-99 Texas City I Wall Repairs



General Information

Phase: Pre-Construction Engineering and Design (PED)

Purpose: PL 84-99 Repairs

Sponsor: Galveston County

Scope: Remove damaged section of I Wall and replace section with new floodwall meeting current USACE standards

Status

- 100% plans and specs submitted on 16 December.
- 100% design Review Conference conducted on 03 February.
- A-E currently working to address open comments/concerns to close out BCOES review.

District Team Members

Project Manager: Ryan Schwartzengraber

Lead Engineer: Sunday Akinbowale

H&H Engineer: Michael Garske

Env Lead: Brandon Ford

Real Estate: Kelsey Ciarrocca / Kenny Pablo

CT: Maria Rodriguez

Issues/Challenges/Risks/Mitigation

- Real Estate Easement Acquisition and Letter of No Objection from Galveston County
- 408 Application

Scheduled Activities/Milestones

Milestone Code	Activity Description	Base-line	Basic	Current	Actual	Status
CW400	Advertise Contract		20-Oct-20	20-Sep-21	20-Sep-21	
CW430	Contract Award		14-Jan-21	1-Nov-21	1-Nov-21	
CW440	NTP		08-Feb-21	15-Nov-21	15-Nov-21	
CW450	Project Physical Completion		02-Mar-22	15-May-23	May-23	

Bold are HQ's Key Milestones; non Bold are other tracking Milestones

90 Day Look Ahead

- Finalize review of 100% plans and specs
- BCOES Certification
- Issue 408 Permit

PRIORITY PROJECTS

General Investigations
Construction General



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Buffalo Bayou, Addicks and Barker (Dam Safety), TX



General Information

Phase: Construction

Purpose: Flood Risk Management (FRM)

Sponsor: 100% Federal

Scope: Construct new outlet structures at both dams and grout and abandon existing outlet structures in place.

District Team Members

Project Manager: Andrew Weber

Lead Engineer: Bobby Van Cleave

Construction: Brandon Smolinsky

H&H Engineer: Mario Beddingfield

Environmental Lead: Jeffrey Pinsky

Real Estate: Kenny Pablo

CT: Curtis Cole



Addicks structure

Scheduled Activities/Milestones

Activity/Milestone Description	Date
Contract Award	AUG 15 (actual)
Barker Outlet in Service	FEB 20 (actual)
Addicks Outlet in Service	MAR 20 (actual)
Substantial Contract Completion	17-Dec-20 (actual)
Project Fiscal Closeout	JUN 24

Status

- Contract Substantial Completion issued 17 DEC 20.
- Working on As-builts and towards Final Payment.
- Environmental Mitigation planting and monitoring continues

90 Day Look Ahead

- Contract final payment

Buffalo Bayou and Tributaries Resiliency Study, TX

Authorization: Section 216 of Flood Control Act of 1970

Appropriation: Bipartisan Budget Act of 2018

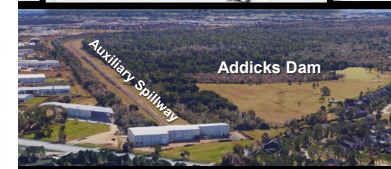
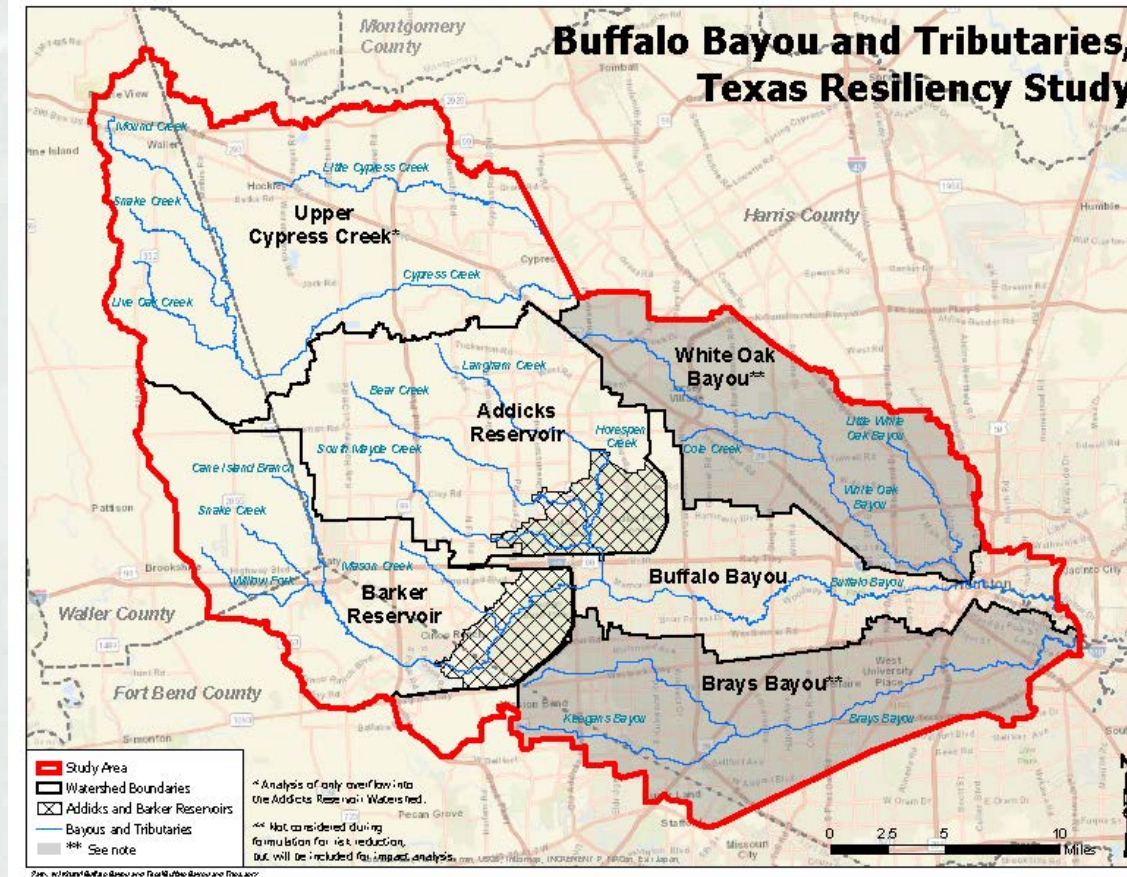
Budget: \$6M (100% Federal)

Purpose: Flood Risk Management (FRM)

Phase: Feasibility

Non-Federal Sponsor: Harris County Flood Control District

Scope: To assess FRM opportunities, including the study of the risk and resiliency associated with existing completed infrastructure, on Buffalo Bayou



Alternatives

	Storage		Conveyance			Dam Safety	Comprehensive	Nonstructural
Alt #1	Alt #2 S1	Alt #3 S2	Alt #4 C1	Alt #5 C2	Alt #6 C3	Alt #7 Dam Safety	Alt #8	Alt #9
No Action	New Reservoir/Dam	Increase Reservoir Storage	Tunnels	Diversion	Channel Improvements	Improvements to existing dam structures	Best of S1 & S2	Nonstructural



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Metro Houston Regional Watershed, Houston, TX



General Information

Phase: Assessment

Purpose: Flood Risk Management (FRM)

Sponsor: Harris County Flood Control District

Scope: Assess FRM in the 22 primary watersheds within Harris County, which encompass 1,756 square miles within the Houston Metropolitan region, each having unique flooding problems.

District Team Members

Project Manager: Lisa Mairs

Lead Engineer: Paul Hamilton

Planning: Carrie McCabe

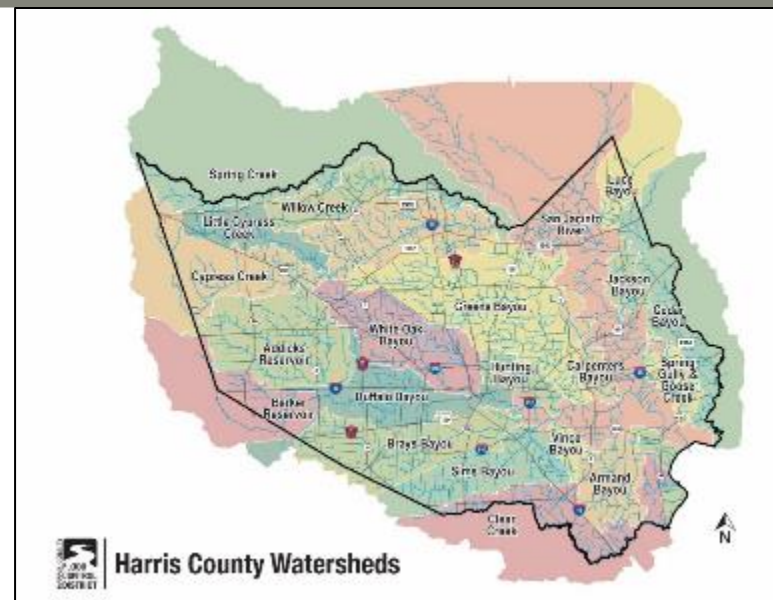
H&H Engineer: Molly Ross

Environmental Lead: Jeff Pinsky

Scheduled Activities/Milestones

Activity/Milestone Description	Date
PMP Approved	11-Mar-19 (actual)
Post Approved Peer Review Plan	22-Jan-20 (actual)
Shared Vision Milestone - Watershed Study	7-Feb-20 (actual)
Recommendations Milestone - Watershed Study	30-Apr-21
Report Approval	30-Aug-21

Study Area Map



Status

- H&H focus is demonstration of scale and variability of flood risk in the region
- Team has provided draft outline of Watershed Assessment to clarify tone and content, and to invite more detailed content and feedback.
- Stakeholder review of draft recommendations and regional coordination approaches proposed as two-phase engagement.

90 Day Look Ahead

- Refine technical appendices, designed as reference documents to support the assessment and conclusions in the Main Report
- Explore engaging stakeholders with Commander Symposium
- Story Map development to demonstrate context for flood risk over time
- Align stakeholder engagement with Buffalo Bayou & Tributaries Resiliency Study path forward

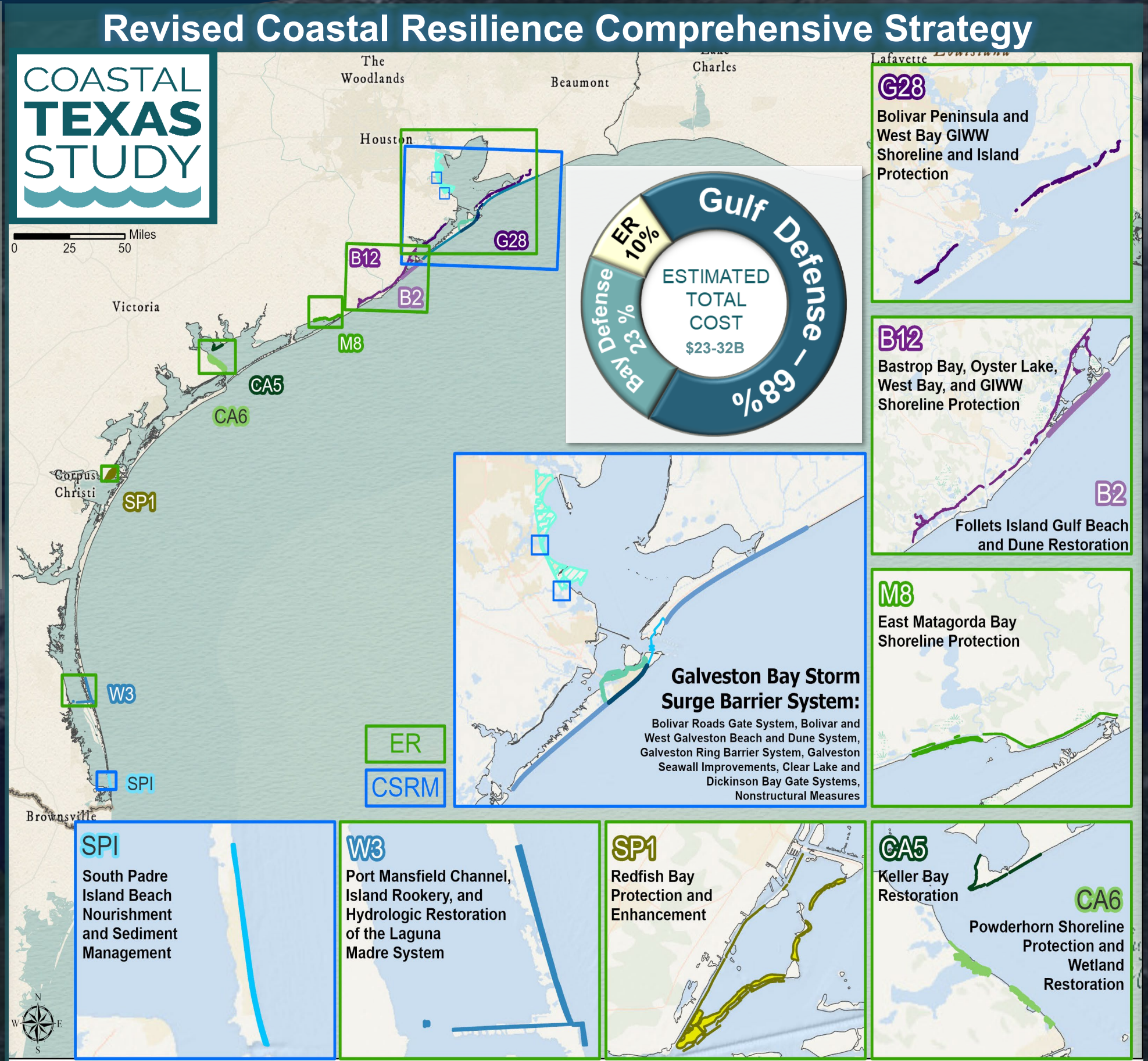
Project Summary

THE CHALLENGE is to develop a comprehensive plan that provides multiple lines of defense against hurricanes while restoring fish and wildlife habitat system-wide to enhance overall coastal resilience. We are taking a systems approach when reviewing the region's larger system context, with a focus on Critical infrastructure that emphasizes greater flexibility. This Multiple Lines of Defense strategy uses natural and nature-based solutions in combination with traditional engineering solutions and builds upon existing & proposed projects to maintain the existing landscape in the face of sea level rise and coastal erosion.

Project Schedule




	ACTIVITY	DATE
Feasibility Level Analysis	2 nd DIFR-EIS	9 Oct 20
	FIFR-EIS	15 Jan 21
	SLP	22 Jan 21
	S&A Review Complete	31 Mar 21
	Chief's Report	14 May 21

- ### Path Forward:
- Quantify regional economic benefits
 - Tiered NEPA
 - Simplified report writing
 - 2nd release of revised draft report
 - Increase public outreach




Coastal Storm Risk Management

- 2 large & 4 small sector gates
- 15 vertical lift gates
- 16 shallow water environmental gates
- 1 mi combi-wall tie-in
- 3 mi levee tie-in
- 43 mi of gulf-side dune/beach barrier
- 21 mi of ring barrier
- 8 pumping stations
- 16+ drainage structures
- 4-ft high extension of the seawall
- 150+ gated closures (roads & rail)
- Non-structural measures anticipated
- 2 mi beach/dunes on South Padre
- 1,342 ac mitigation

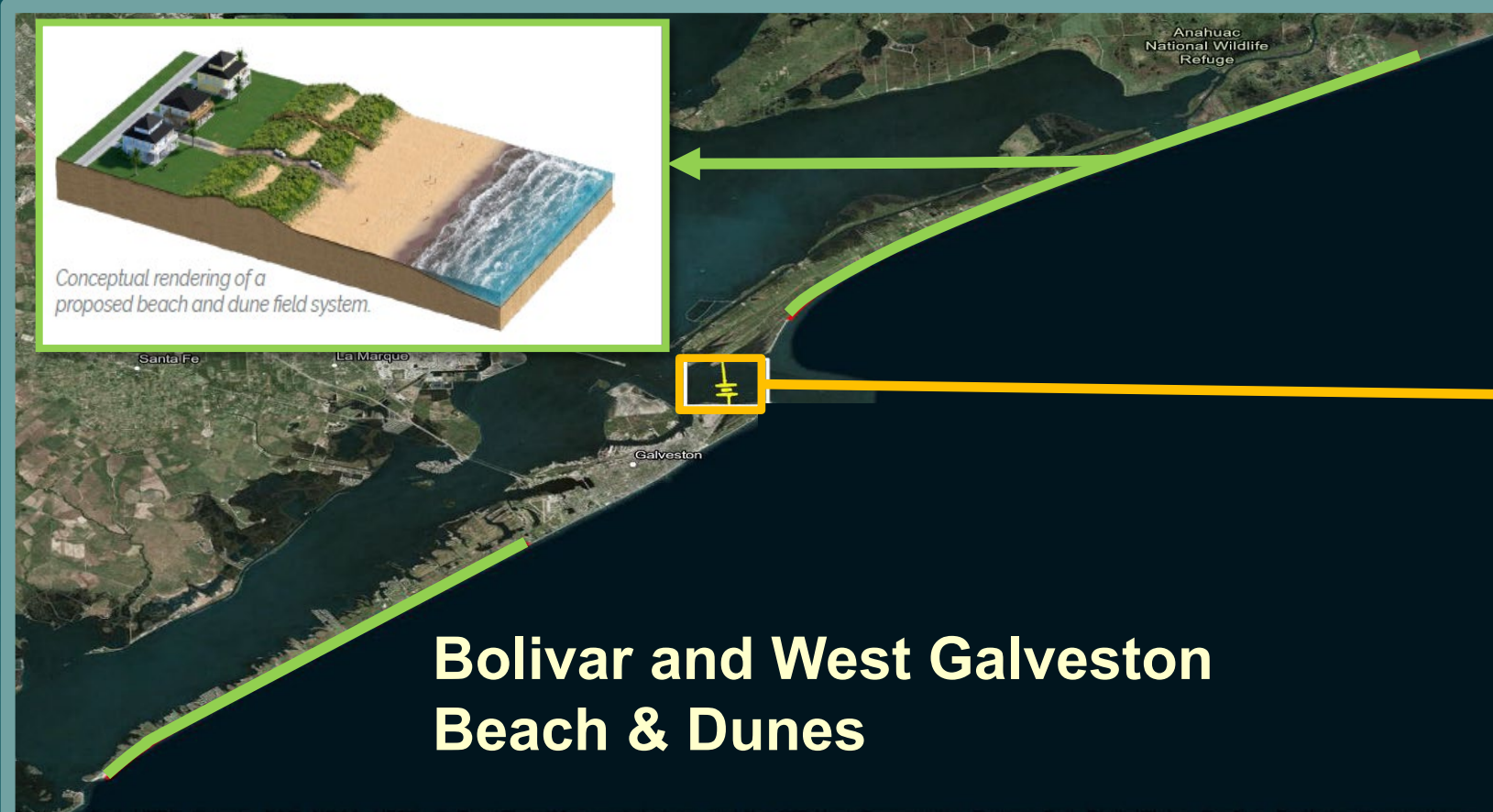




Ecosystem Restoration (6,600+ ac)

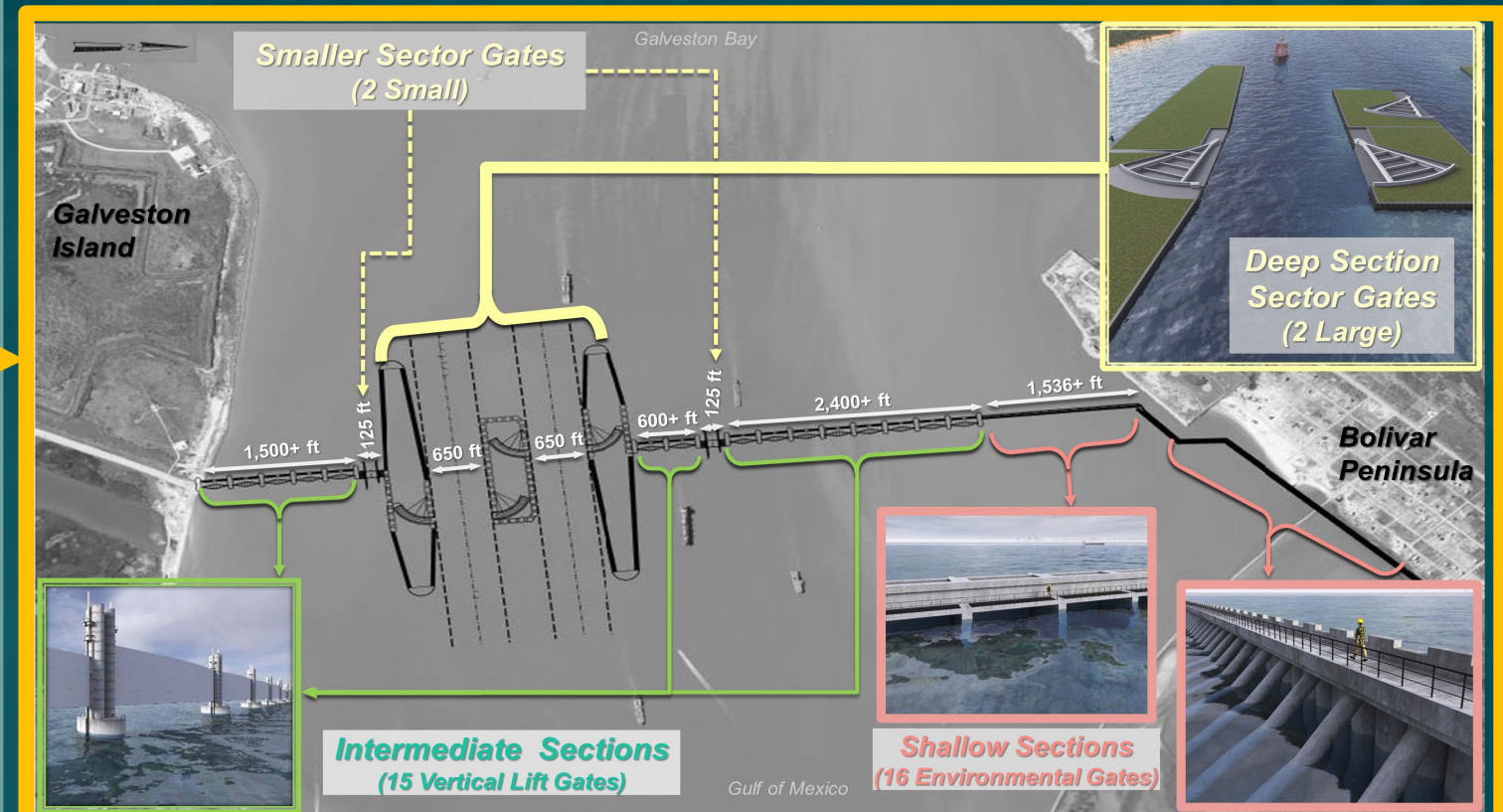
- 114 mi of breakwaters
- 15.2 mi of bird rookeries
- 2,052 ac of marshes
- 12.32 mi of oyster reefs
- 19.5 mi of dunes/beaches



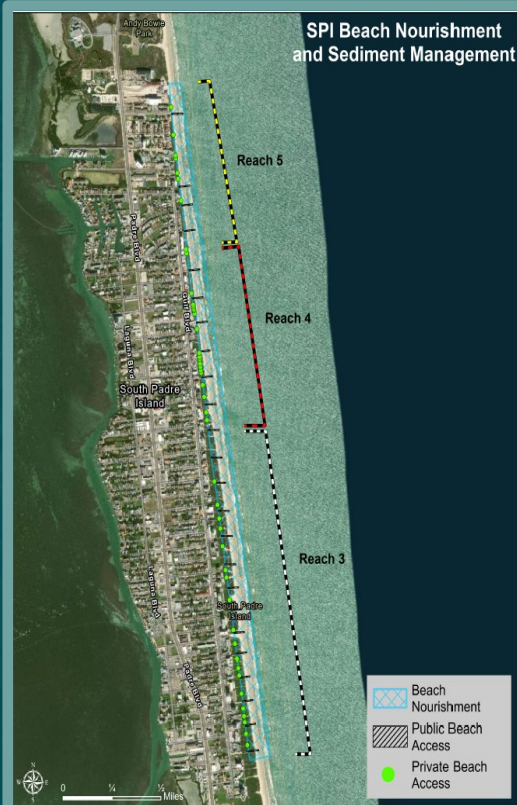
Gulf Defenses



Bolivar Roads Gate System



South Padre Island



Bay Defenses

Galveston Ring Barrier



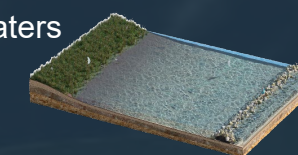
Clear Lake



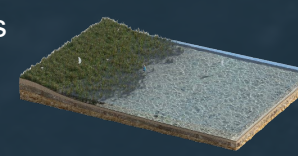
Dickinson

Ecosystem Restoration

Breakwaters



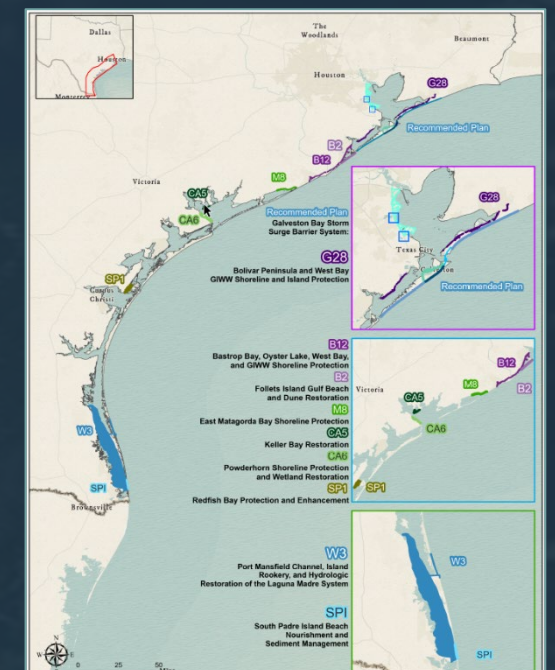
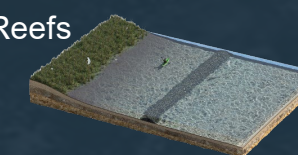
Marshes



Beaches



Oyster Reefs





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Sabine Pass to Galveston Bay, TX Orange County Coastal Storm Risk Management



A new levee/floodwall system:

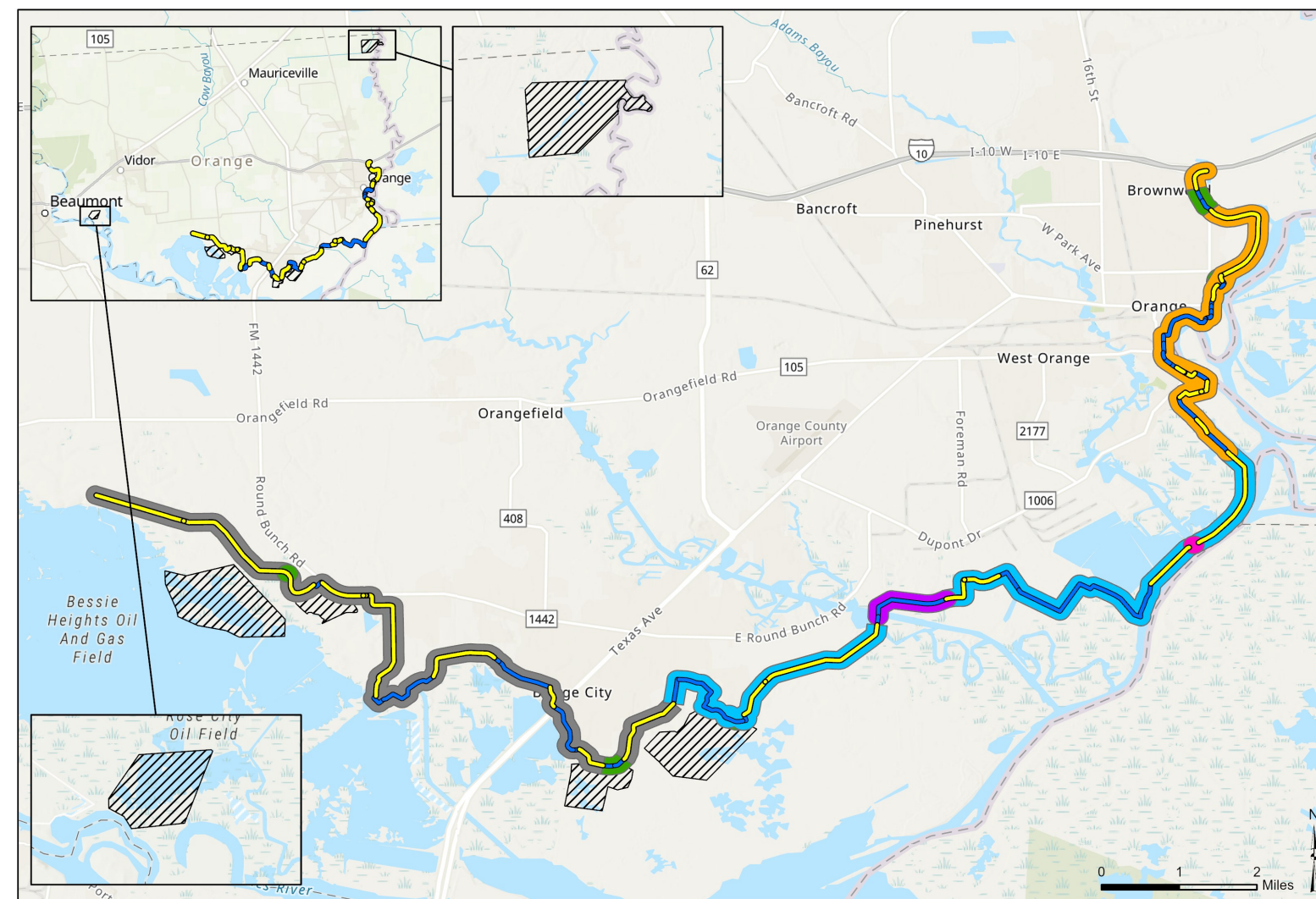
The Orange County Coastal Storm Risk Management (CSRM) Project includes construction of a new levee/floodwall risk reduction system to reduce the flood-damage potential caused by hurricane and tropical storm events for much of the southern half of Orange County along the Sabine River and Bessie Heights Marsh. The proposed system, travels along the edge of the Sabine and Neches River floodplain from The City of Orange and ends near Orangefield, TX, measuring approximately 26.3 miles. This includes new construction of 15.6 miles of levees, 10.7 miles of floodwalls, 7 pump stations, 56 internal drainage structures, 32 closure gates located at road and railway crossings, 2 navigable sector gates and 6 environmental mitigation areas.

Objectives:

The new CSRM system is intended to reduce risk to human life and reduce economic damages to business, residents, and infrastructure.

Mitigation sites:

The mitigation plan includes six sites to fully compensate for the unavoidable direct and indirect environmental impacts to approximately 2,400 acres of forested wetlands and estuarine marsh.



Orange County
Coastal Storm Risk Management Project

Orange County CSRM Project Schedule:



Contract #	Scope	Contract #	Scope
1	Cow Bayou Complex – 84 ft Navigable Gate, Pump Station	4	7 Pump stations, tie ins, gates, drainage structures
2	2.4 miles floodwall, 3.0 miles levee, 18 gates, drainage structures	5	2.6 miles floodwall, 7.6 miles levee, 7 gates, drainage structures
2a	4.2 miles floodwall, 4.9 miles levee, 5 gates, drainage structures	6	Six Mitigation Sites
3	Adams Bayou Complex – 84 ft Navigable Gate, Pump Station		

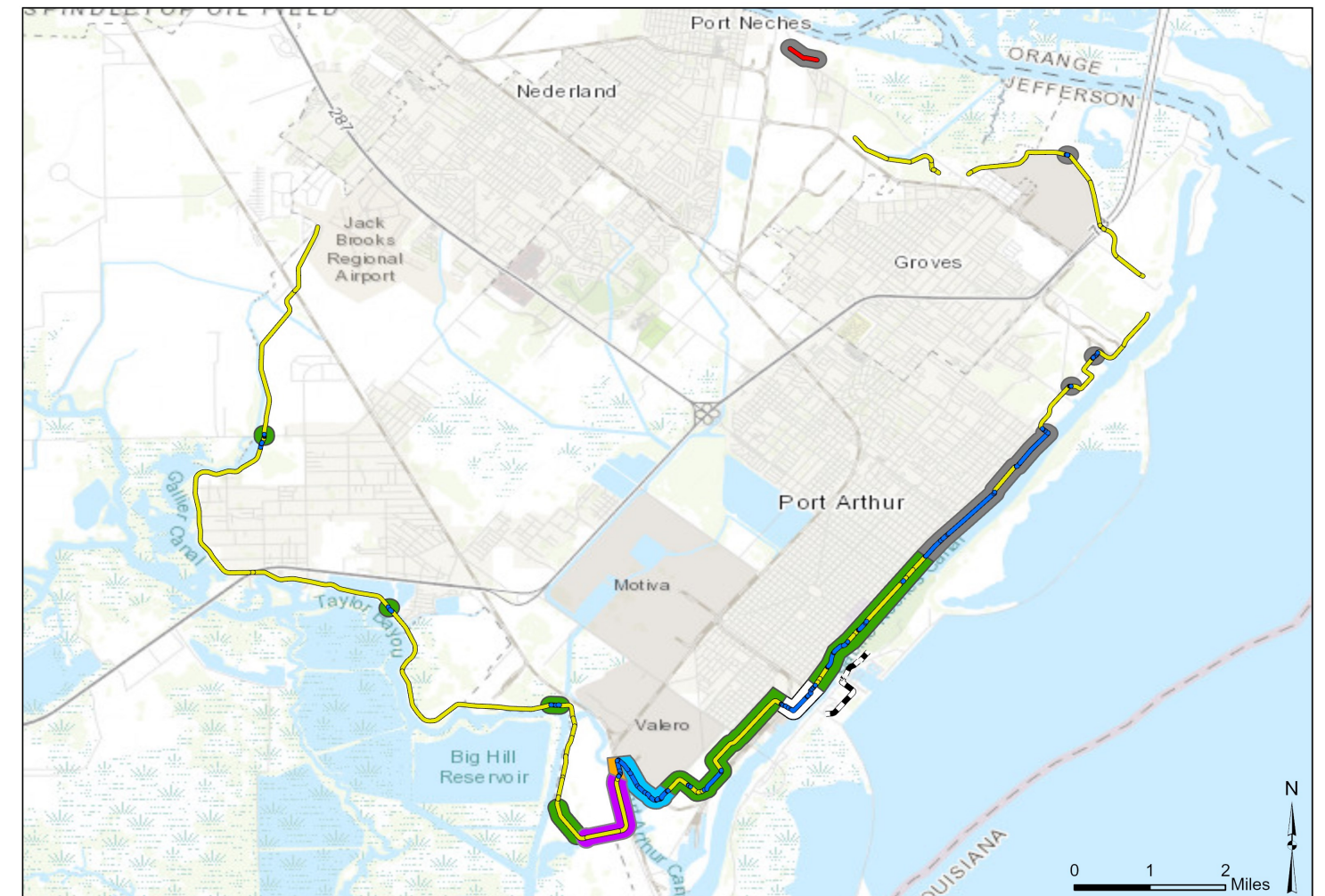
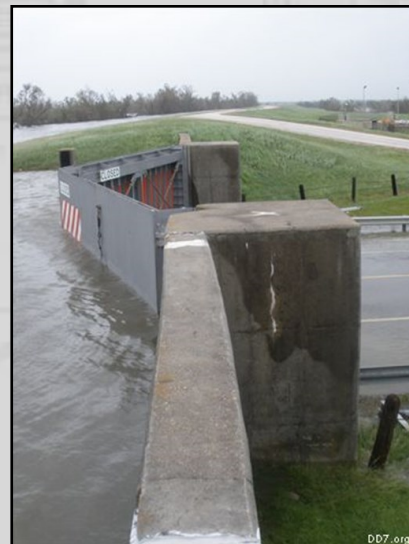
Sabine Pass to Galveston Bay, TX

Port Arthur and Vicinity Coastal Storm Risk Management

Reinforcement of an existing levee/floodwall system:

The Port Arthur and Vicinity Coastal Storm Risk Management (CSRM) Project in Jefferson County will result in improvements and additions to the existing Hurricane Flood Protection Project. The plan includes raising approximately 5.5 miles of the existing 27.8 miles of earthen levee and constructing or reconstructing approximately 5.7 miles of floodwall. A separate 1,830 feet of new earthen levee will be constructed in the Port Neches area northwest of the existing northern terminus. Additionally, 26 vehicle closure structures would be replaced and erosion protections would be added.

Objectives: The improved CSRM system is intended to increase the level of performance and resiliency of the existing Port Arthur and Vicinity Hurricane Flood Protection Project.



Port Arthur and Vicinity
Coastal Storm Risk Management Project

- New Levee
- Floodwall
- Levee
- Wave Barrier
- Contract 1
- Contract 2
- Contract 3
- Contract 3a
- Contract 3b
- Contract 4

Port Arthur and Vicinity CSRM Project Schedule:



*PPA = Project Partnership Agreement

Contract #	Scope	Contract #	Scope
1	1.1 miles levee raise	3a	3.3 miles levee raise, 1.9 miles floodwall replacement, 1 gate
2	0.2 miles floodwall replacement	3b	0.02 miles levee raise, 0.5 miles floodwall replacement, 7 gates
3	0.1 miles levee raise, 1.0 miles floodwall replacement, 11 gates	4	0.4 miles levee raise, 0.4 miles new levee, 2.0 miles floodwall replacement, 3 gates

Sabine Pass to Galveston Bay, TX

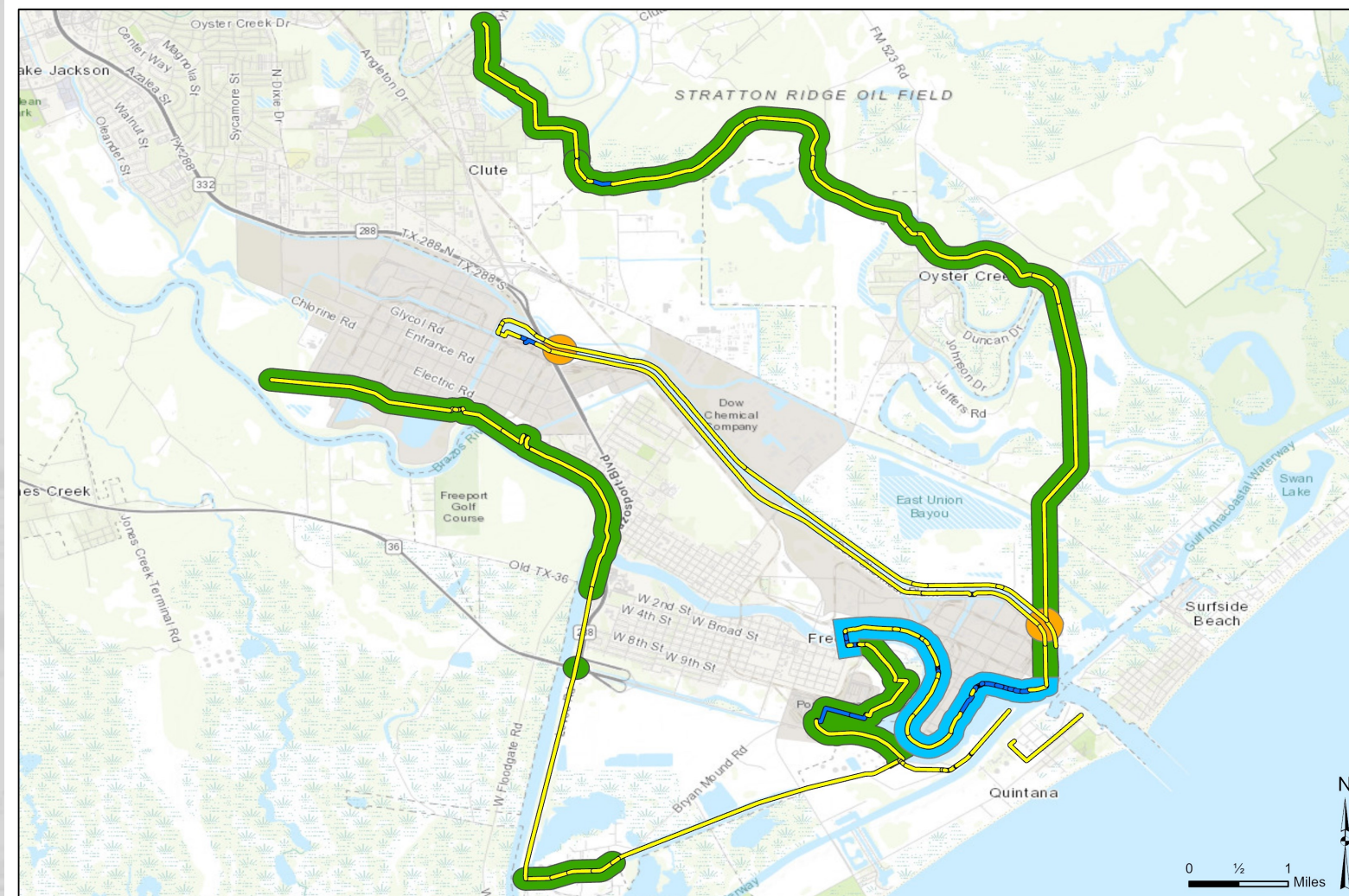
Freeport and Vicinity Coastal Storm Risk Management

Reinforcement of an existing levee/floodwall system:

The Freeport and Vicinity Coastal Storm Risk Management (CSRM) Project in Brazoria County will result in improvements and additions to the existing Freeport Hurricane Flood Protection Project. The plan includes a new 74-foot navigable Sector Gate at Dow Barge Canals, approximately 18 miles of levee raises, and either replacing I-Walls with T-Walls or constructing new T-Walls along approximately 5.5 miles of floodwall and several closure gates.

Objectives:

The improved CSRM system is intended to increase the level of performance and resiliency of the existing Freeport Hurricane Flood Protection Project.



Freeport and Vicinity Coastal Storm Risk Management Project

Freeport and Vicinity CSRM Schedule:

Q4 FY20

Q2 FY23

Q1 FY27

Design

Construction

Contract #	Scope
2	74 ft navigable Sector gate, additional pumping capacity to the existing Pump Station, 0.2 miles of floodwall, 0.2 miles of levee raise and overflow drainage structure
3	0.63 miles of levee raise, 3.1 miles of floodwall replacement/new
4	17.1 miles of levee raise, 2.2 miles of floodwall replacement/new,



Corpus Christi Ship Channel, TX



General Information

Phase: Construction CG

Purpose: Navigation

Sponsor: Port of Corpus Christi Authority

Scope: Main Channel Improvement & Barge Lanes Separable Elements

District Team Members

Project Manager: Carlos Tate

Lead Engineer: Jose Castro, PE

H&H Engineer: Patrick Kerr, Chief

Construction: Andrew Smith, RE/ACO

Planning Lead: None

Environmental Lead: Harmon Brown, PhD

CT: Curtis Cole, KO

Real Estate: Kenny Pablo

Geotech: Ratnam Tharmendira, PE

Scheduled Activities/Milestones

Activity/Milestone Description	Date
Exec of Design Agreement or PPA	8-Nov-17 (actual)
Contract No. 1 Entrance (Award)	31-Dec-18 (actual)
Contract No. 1 Entrance (Phy. Complete)	15-Mar-20 (actual)
Contract No. 2 Lower Bay (Award)	8-Apr-20 (actual)
Contract No. 2 LBR (Est. Complete)	31-Oct-22
Contract No. 3 Upper Bay (Est. Ready To Advertise)	19-May-21
Congressional Notification CT#3 / Award	20-Aug-21
Contract No. 3 UBR (Est. Complete)	16-Jul-23
Contract No. 4 Inner Harbor (Est. Award)	15-May-22
Contract No. 4 Inner Harbor (Est. Complete)	25-Apr-24
Project Physical Completion (D-B-B)	TBD
Notice of Completion	TBD
Project Fiscal Closeout	FY' 26

Project Area Map



Status

- Contract #2 Lower Bay Reach Contract In-Progress/ underway: Callan Marine completed work Dredged Material Placement Area (DMPA) #6; Preparing for DMPA breakwater
- Pipeline Crossings: Pipeline Owners and Port underway executing Permit submittals for removals and/or relocations to synch with Contract #2 and Contract #3 dredge activities
- District Quality Control Review Phase: Contract #3 Upper Bay Reach Plans & Specifications 95% underway
- Biddability, Constructability, Operability, Environmental, and Safety Review Phase: CT#3 Upper Bay Reach MAR 2021
- Contract #3 estimated dredge removal (~15.5 million cubic yards)

90 Day Look Ahead

- Callan Marine anticipated start dredging Lower Bay Reach Contract #2 May/Jun 2021 timeframe
- Contract #3 Southwestern Division: Contracting Review/Legal; Acquisition review/approvals



Port Freeport Harbor Channel, TX



General Information

Phase: Construction

Purpose: Navigation

Sponsor: Port Freeport (PF)

Scope: Navigation - Harbor Channel Improvement (laddered dredging)

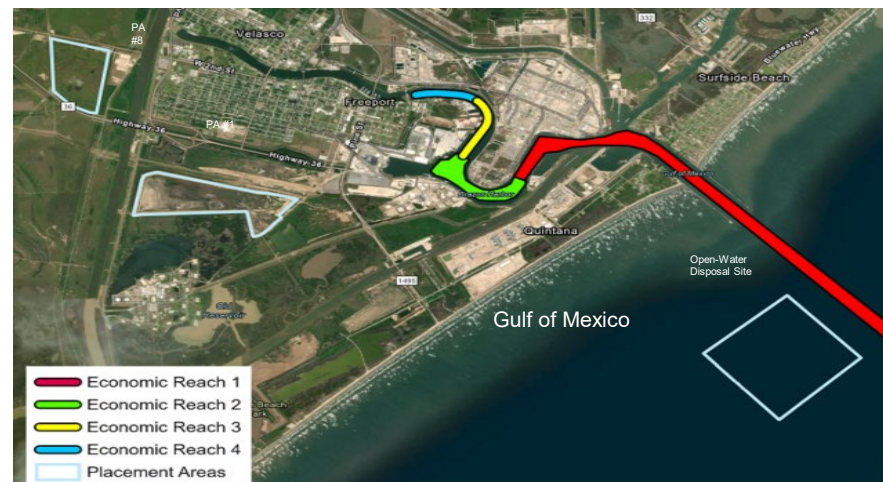
District Team Members

Project Manager: Carlos Tate **Lead Engineer:** Cesar Ramos, Chief
H&H Engineer: Patrick Kerr, Chief **Construction:** Scott Leimer, PE
Geotech: Ratnam Tharmendira, PE **Real Estate:** Micaela Kinsey
CT: Al Nichols, KO **Environmental Lead:** Harmon Brown, PhD

Scheduled Activities/Milestones

Activity/Milestone Description	Date
PPA Execution	25-Jun-20 (actual)
Reach #3 Lower Stauffer - Award	14-Sep-20 (actual)
Reach #3 Lower Stauffer - (Est.Complete)	29-May-21
Reach #2 Dow Bend - (Est.Award)	7-Aug-21
Reach #2 Dow Bend - (Est.Complete)	30-Dec-22
Reach #1 Entrance/Jetty - (Est.Award)	TBD
Reach #1 Entrance/Jetty - (Est.Complete)	TBD
Reach #4 Upper Stauffer - (Est.Award)	TBD
Reach #4 Upper Stauffer - (Est.Complete)	TBD
Project Physical Completion (DBB)	TBD
Notice of Project Completion / Turnover	TBD
Project Fiscal Closeout	FY' 25

Project Area Map



Status

- Reach #3 Lower Stauffer Contract awarded and In-Progress laying pipeline route to Upland Placement Area #1 45-days
- DQC/ATR review: PF Contractor submittal Reach #2 95% Package FEB/MAR 2021
- Biddability, Constructability, Operability, Environmental, and Safety review: PF Contractor submittal Reach #2 95% Package MAR/APR 2021
- Phase Contracting/Legal add clause prior to issue/Ready To Advertise 01 JUN 2021

90 Day Look Ahead

- Preparation of Project Partnership Agreement amendment for submittal review, revisions, approval
- Reach #3 Lower Stauffer - (MAR 2021) begin dredging/excavation Great Lakes Dredge & Dock Corporation Dredge Carolina – anticipate New Work dredging sediment removal (~1.5 million cubic yards)



Houston Ship Channel, TX



General Information

Phase: Pre-Construction Engineering and Design (PED)

Purpose: Navigation

Sponsor: Port of Houston Authority (PHA)

Scope: MEGA Project Channel Improvements

District Team Members

Project Manager: Harmon Brown

Design Engineer: Shakeel Ahmad

Planning: Cheryl Jaynes

Construction: Al Meyer

H&H Engineer: Patrick Kerr

Environmental Lead: Melinda Fisher

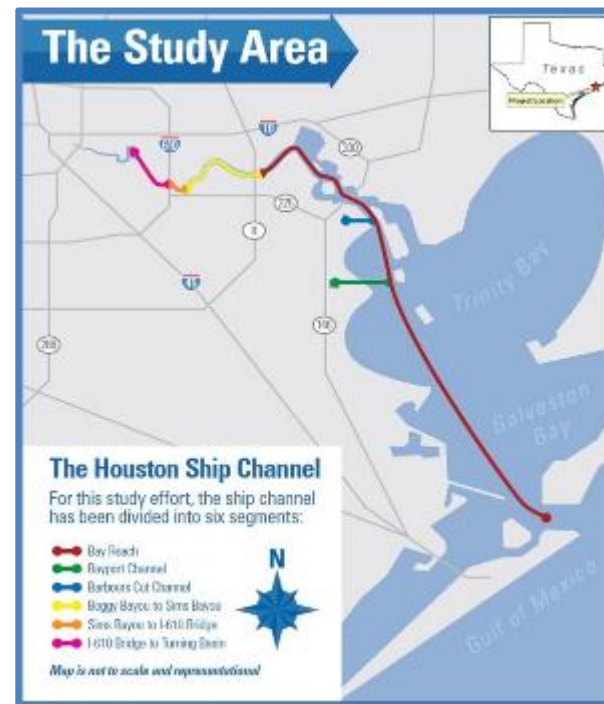
Real Estate: Kenny Pablo

Economics: Walker Messer

Upcoming Milestones

Activity/Milestone Description	Date
Final Review Packages 3, 4, 5, & 6	8 Mar 2021
Final Review Packages 7 & 8	18 Mar 2021
Final Review/BCOES Package 1	23 Apr 2021
BCOES Certification Package 1	25 Jun 2021

Project Area Map



Status

- New Start funding received for oyster mitigation
- 100% design of Plans/Specs in progress, originally delayed due to need for additional engineering analysis, environmental assessment reviews, and to allow for robust Agency Technical Review of FINAL Plans/Specs
- PHA/Galveston District coordinating pipeline relocations/removals process

90 Day Look Ahead

- Complete Segment 4 Dredged Material Management Plan (Feb 21)
- Complete shoaling analysis/advanced maintenance recommendations (Feb 21)
- 100% Review of Plans & Specs (8 Mar 21 & 18 Mar 21)
- Complete Supplemental Environmental Assessment/submit for review (late Mar 21)



Matagorda Ship Channel Improvement Project



General Information

Phase: Pre-Construction Engineering and Design

Purpose: Navigation

Sponsor: Calhoun Port Authority

Scope: Correct channel inefficiencies & deepening/widening

District Team Members

Project Manager: Franchelle Nealy **Lead Engineer:** Nancy Young

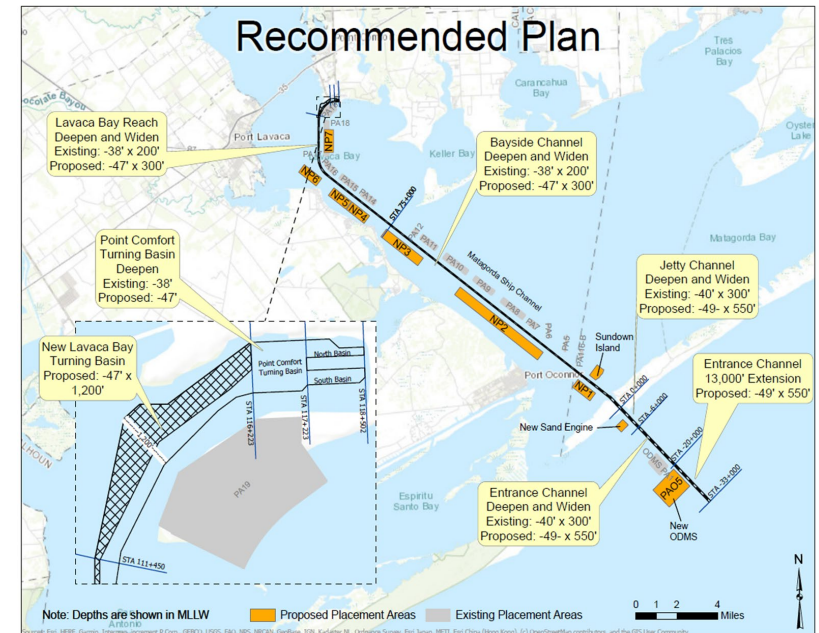
H&H Engineer: Himangshu Das **Environmental Lead:** Brandon Ford

Real Estate: Nichole Schlund **Planning Lead:** Kathy Skalbeck

Scheduled Activities/Milestones

Activity/Milestone Description	Date
Team Kick-off Meeting	06-Jan-21 (actual)
35% Plans & Specs (P&S) Completed	03-Feb-21 (actual)
Project Management Plan Approval	18-Feb-21
Value Engineering Study Completed	25-Jun-21
65% P&S Completed	25-Aug-21
95% P&S Completed	18-Oct-21
100% P&S Completed	02-Dec-21
Ready To Advertise	16-Dec-21

Project Area Map



Status

- Project Management Plan/ Review Plan is currently being completed
- Project Partnership Agreement & Advance Funds Package wording being coordinated with Port Authority and Division Office
- 35% Plans & Specs were completed on 03-Feb-21
- Project Delivery Team is currently meeting with environmental groups regarding placement of dredged material
- Tasks Orders being worked on Geotechnical borings & Value Engineering study

90 Day Look Ahead

- Project Partnership Agreement & Advance Funds Package estimate completion - TBD



Sabine Neches Waterway, TX



General Information

Phase: Construction

Purpose: Navigation

Sponsor: Sabine-Neches Navigation District (SNND)

Scope: Channel Improvement Project

District Team Members

Project Manager: Franchelle Nealy **Engineer:** Nancy Young

Planning Lead: Cheryl Jaynes **Construction:** Tim White

H&H Engineer: Islam Mohammad **Environmental Lead:** Blake Westmoreland

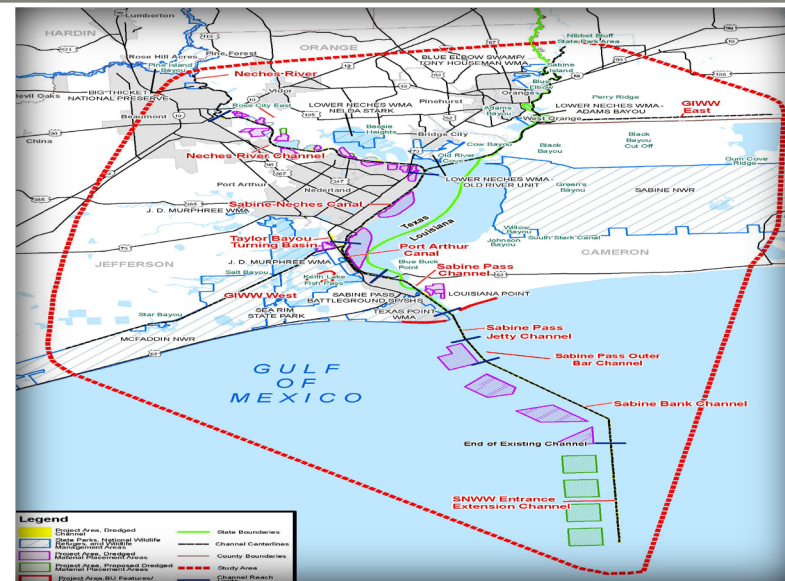
Real Estate: Haley Tucker **Economics:** Jennifer Purcell

Operations: Belynda Kinman

Upcoming Milestones

Activity/Milestone Description	Date
Contract 13- Compliance Memo	13-May-21
Contract 3-95% Plans & Specs Completed	08-Mar-21
Contract 3- Compliance Memo	20-Apr-21
Contract 13-Bid Opening	07-Jul-21
Contract 2- Contract Award	30-Sept-21

Project Area Map



Status

- Contract 3 (Sabine Pass to Taylor's Bayou) is at 95% design and can not begin construction until PA 8 is completed. SNND will award this contract.
- Contract 13 (Placement Area 8)- SNND is working on edits from comments from Galveston District on 95% Plans & Specifications. SNND will award this contract.
- Contract 2 (Entrance Channel)- Design team will meet to discuss breakout of Fiscal Year 21 Workplan funds for contract award. SWG will award this contract.

90 Day Look Ahead

- Site Management and Monitoring Plan and Vertical Datum will be completed



Cedar Bayou, Texas



General Information

Phase: Construction

Purpose: Navigation

Sponsor: Cedar Bayou Navigation District

Scope: Construction of Cedar Bayou channel improvements

District Team Members

Project Manager: Lisa Mairs

Lead Engineer: Jose Castro

Environmental: Blake Westmoreland

Construction Rep: TBD

H&H Engineer: Coraggio Maglio

Operations: Lisa Finn

Real Estate: Micaela Kinsey

Cost Engineer: Williams

Scheduled Activities/Milestones

Activity/Milestone Description	Date
Review Plan Posted	7-May-13 (actual)
Project Partnership Agreement	23-Sep-19 (actual)
Value Engineering Study	24-Aug-20 (actual)
Biddability, Constructability, Operability, Environmental, and Safety Review	23-Dec-20 (actual)
Contract Award	17-May-21
Project Physical Completion	4-Oct-22
Notice of Project Completion	17-Nov-22
Project Fiscal Closeout	13-Jun-23

Project Area Map



Status

- Plans and Specifications under review for Solicitation.
- Team working on Solicitation within next two weeks.

90 Day Look Ahead

- Solicitation
- Bid Opening
- Award

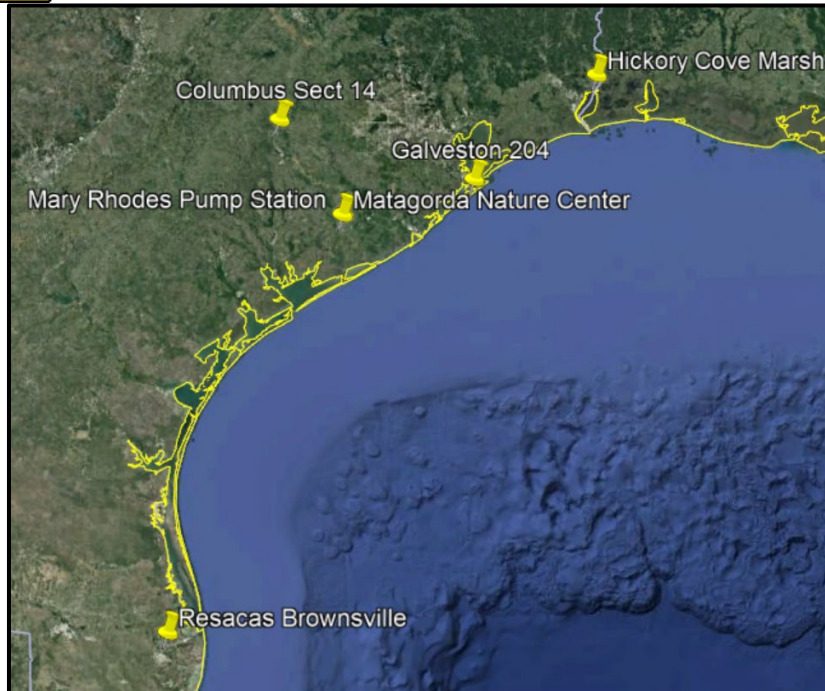


Continuing Authorities Program (CAP)

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Active Projects



Potential Projects

Authority	Project Name	Local Sponsor
107	Commercial Navigation Improvements	Port of Harlingen
204	GIWW BUDM	GLO or TxDOT
206	Magnolia Beach	Calhoun County
205	Aransas Pass	City of Aransas Pass
205	Brownsville	City of Brownsville
205	China	City of China
205	Clear Brook Meadow	Clear Brook Meadows
205	Dickinson Bayou	City of Dickinson
205	Prestonwood Forest	Prestonwood Forest Utility District

14	City of Columbus Wastewater Treatment Center	CW130 PPA Exec 16DEC20
		CW360 RE Certification 13APR21
		CW250 ATR/PUBLIC RVW 16SEP21
		CW330 P&S Approved 29JUN21
14	Matagorda County Nature Center, Matagorda County	CW035 RP Approved 25FEB21
		CW040 PMP Approved 25FEB21
		CW130 FCSA Exec 5JAN21
		CW250 ATR/PUBLIC RVW 4AUG21
		CW262 TSP 28JUN21
14	Mary Rhodes Pump Station, City of Corpus Christi	CW170 FEA Report 7OCT21
		CW035 RP Approved 05MAR21
		CW040 PMP Approved 05MAR21
		CW 130 FCSA Exec 25FEB21
		CW 262 TSP 22JUN21
204	Galveston Island Coastal Erosion, Park Board of Trustees	CW250 ATR/PUBLIC RVW 28SEP21
		CW170 FID Approved 15JAN21
		CW035 RP Approved 09FEB21
		CW262 TSP 09AUG21
1122	Hickory Cove Marsh Port of Orange	CW250 ATR/PUBLIC RVW 14SEP21
		CW262 TSP 18FEB21
		CW250 ATR/PUBLIC RVW TBD
		CW170 Dec Doc Approved TBD
206	Resacas Blvd City of Brownsville	CW350 RE Notification TBD
		Closeout scheduled 2nd Qtr



Planning Assistance to States (PAS)

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Active PAS Studies			
Project	Type	Study Intent	Completion Date
Port of Victoria	FRM	Better understand how features of the USACE Nav Project may or may not influence floodplain mapping associated with the NFIP	NOV 2021 Final Report Due
Dellanera Beach Structure	CSRM	Provide local community guidance on the conceptual development of a offshore submerged structure to mitigate erosion along the highest eroding portion of Galveston Island.	SEPT 2021 Final Report Due
Lower Clear Creek & Dickinson Bayou	FRM	Participate in the development of a comp flood mitigation plan to mitigate vulnerabilities using multiple flood damage reduction studies and projects in the region.	SEPT 2021 Final Report Due
South Padre Island & Cameron County	RSM	Develop a Regional Sediment Mgmt Plan to assist the local community with future erosion mitigation strategies and technologies	FY 2022
Projects in Closeout			
South Padre Island Nearshore Berm	RSM	Evaluate whether near shore placement of BUDM along SPI is an effective tool for mitigating erosion	Final Report Completed DEC 2020
Fort Bend County	FRM	Brazos River Erosion Management (BREM) study	Final Report Completed AUGUST 2017
Potential Projects			
Port of Palacios	Master Plan	Assist with future growth opportunities	
Port of Mansfield	Master plan RSM	Assist with sediment management for the region	
Harris County Flood Control Watershed Impacts to Houston Ship Channel	FRM	Assist with reducing flooding in watershed	
Cypress Creek	FRM	Reduce flooding from cypress creek without causing flooding issues upstream	
Aransas Pass	FRM	Study on levees and berms to prevent flooding	
Cameron County Watershed Study-Brownsville	FRM	Watershed study on LLM & RGR and 5 minor.	
China	FRM	Local flooding assistance	
Prestonwood Forest Utility District – FRM	FRM	PA for mitigation of flooding at Cypress Creek & Marshall Lake, Cutten Rd & Cypresswood area & CC watershed	