Status of the Navigation Channel Improvement Program in Texas on America’s Energy Coast

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Location: Southeast Texas
Purpose: Navigation
Phase: Preconstruction Engineering and Design (PED)
Non-Federal Sponsor: Sabine Neches Navigation District
Project Description: Deepening of channel to 48 feet MLLW
Authorized Total Project Cost: $1.3B
Date Completed: Finalize Plans & Specs (P&S) – FY 2020
Current Status: Working towards completion of 1st set of P&S for construction
Location: Houston, Texas
Purpose: Navigation
Phase: General Investigations (GI) (Feasibility)
Non-Federal Sponsor: Port of Houston
TSP Description: bay widening and bend easings, bayou widening and deepening, multipurpose mooring, shoaling attenuation feature, turning basins
Study Cost: $10M
Est. Study Completion: Oct 19
Current Status: Working on Feasibility-level design and Final Report
Location: Galveston, Texas

Purpose: Navigation

Phase: PED

Non-Federal Sponsor: Port of Galveston

Project Description: extending the 45 foot deep Galveston Harbor Channel the additional 2,571 feet to reach the end of the limits of the existing 40 foot channel

Cost: $1.6M

Est. Construction Completion: 2020 (Contract Award)

Current Status: Developing the Design Agreement to initiate PED
Location: Freeport, Texas
Purpose: Navigation
Phase: PED
Non-Federal Sponsor: Port Freeport
Project Description: Deepening from -46 feet MLLW to -51/56 ft MLLW and Extending federal channel into Upper Stauffer
Est. Total Project Cost: $274M
Est. Construction Completion: FY2023
Current Status: Initiating PED
**Location:** Calhoun & Matagorda Counties  
**Purpose:** Navigation  
**Phase:** GI (Feasibility)  
**Non-Federal Sponsor:** Calhoun Port Authority  

**Study Scope:** Improve the navigational efficiency and safety of the deep-draft navigation system  

**TSP Description:**  
- Main Channel: 47’ depth, 350’ width  
- Turning Basin: 47’ depth, 1,200’ width  
- Entrance Channel: 49’ depth, 600’ width  

**Study Cost:** $3M (50/50 with Calhoun Port Authority)  

**Est. Study Completion:** August 2019  

**Current Status:** Completion of the feasibility-level design and editing of final report
Corpus Christi Ship Channel, TX

**Location:** San Patricio and Nueces Counties, Texas

**Purpose:** Navigation

**Phase:** Construction – Main Channel & Barge Lanes

**Non-Federal Sponsor:** Port of Corpus Christi Authority

**Project Description:** Deepen existing 47-foot deep MLLW channel to 54 feet MLLW and widen channel across bay from 400 to 530 feet.

**Est. Total Project Cost:** $350M (224.5M Fed & 125.7M Non-Fed)

**Est. Project Completion:** FY 2022

**Current Status:** Negotiation of Entrance Channel Contract, Preparing 65% P&S & DDR
Location: San Patricio and Nueces Counties, Texas

Purpose: Navigation

Phase: General Investigation (Feasibility)

Non-Federal Sponsor: Port of Corpus Christi Authority

Project Description: Deepening the existing -47 feet to -54 feet MLLW and widening from 400 feet to an underdetermined width to accommodate increased vessel traffic from new and existing industries.

Est. Total Study Cost: $3M (50% Fed/50% NFS)

Est. Study Completion: 3 years

Current Status: Initiation of feasibility phase
**Location:** Brownsville, Texas  
**Purpose:** Navigation  
**Phase:** Sections 204(f), 10 & 404 (Non-Federal Sponsor work)  
**Non-Federal Sponsor:** Brownsville Navigation District  
**Project Description:** Deepen existing 42 feet MLLW channel to depth of 52 feet MLLW  
**Est. Total Project Cost:** $285M  
**Est. Project Completion:** 2023  
**Current Status:** Non-Federal Sponsor to construct authorized project. Memorandum of Agreement executed for review of Section 204(f) AOM report prepared by Non-Federal Sponsor.
**Location:** Galveston Bay in Liberty County, Texas

**Purpose:** Navigation

**Phase:** Construction

**Non-Federal Sponsor:** Cedar Bayou Navigation District

**Project Description:** Extending channel by 8 miles to HWY 146

**Est. Project Completion:** 3 contracts in a 3-year period

**Current Status:** Economic update prepared in 2015 to include Sec. 6009 benefits. Preconstruction Engineering & Design was completed in 2008. Awaiting construction funding.
Location: Brazoria Co, Texas
Purpose: Navigation
Phase: Construction- Last Contract
Non-Federal Sponsor: Brazoria Co. Conservation & Reclamation Dist. #3
Project Description: Dredge Material Disposal Facilities
Est. Total Project Cost: $37.5M (Fed and Non-Fed)
Est. Contract Award: TBD (pending receipt of funding)
Current Status: Awaiting funding to complete final contract
**GIWW, Brazos River Floodgates & Colorado River Locks, TX**

**Location:** Gulf Intracoastal Waterway from Brazos River to Colorado River

**Purpose:** Navigation

**Phase:** Feasibility

**Non-Federal Sponsor:** 100% Federal & TXDOT (Partner)

**Study Scope:** Improve safety and navigation efficiency on the GIWW

**Total Study Cost:** $3M

**Est. Completion:** Sep 19

**Current Status:** Completion of the feasibility-level design and editing of final report
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