

# COASTAL PROTECTION AND RESTORATION AUTHORITY BOARD

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT UPDATE

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Commander  
14 June 2023



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## Morganza to the Gulf of Mexico, Louisiana



# Morganza to the Gulf of Mexico, Louisiana



	98 Miles of Levees
	23 Environmental Structures
	22 Canal Floodgates
	10 Roadway / Railroad Floodgates
	HNC Lock Complex
	GIWW Floodwall

### LEGEND

- Levee Lift Constructed by Non-Federal Sponsor (NFS) not yet built to authorized height
- Levees Proposed / Planned / In Design
- Initially Constructed by NFS
- Under Construction by NFS
- Proposed / Planned / In Design
- 2nd Levee Lift
- Parish Levees
- Environmental Control Structure
- Navigable Structure
- Roadway Gate
- Floodwall
- Pump Station (Fronting Protection)
- Lock



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# MORGANZA TO THE GULF LEVEE SYSTEM

## FEDERAL WORK UNDERWAY

3

**Funding: Over \$440M Appropriated**

### Construction Ongoing

- Humble Canal Sector Gate Preload

### Features Funded for Design and Construction

(Design underway for all listed below)

#### Levee Features

- Reach A Levee portion
- Lockport to Larose Levee portion

#### Structure Features

- Shell Canal Floodgate
- Minors Canal Floodgate
- GIWW West Floodgate
- GIWW East Floodgate
- Humble Canal Floodgate

### Features funded for Design

(Dates are estimated design initiation)

#### Levee Features

- Reach F
- Reach J-2
- Reach L
- Reach K

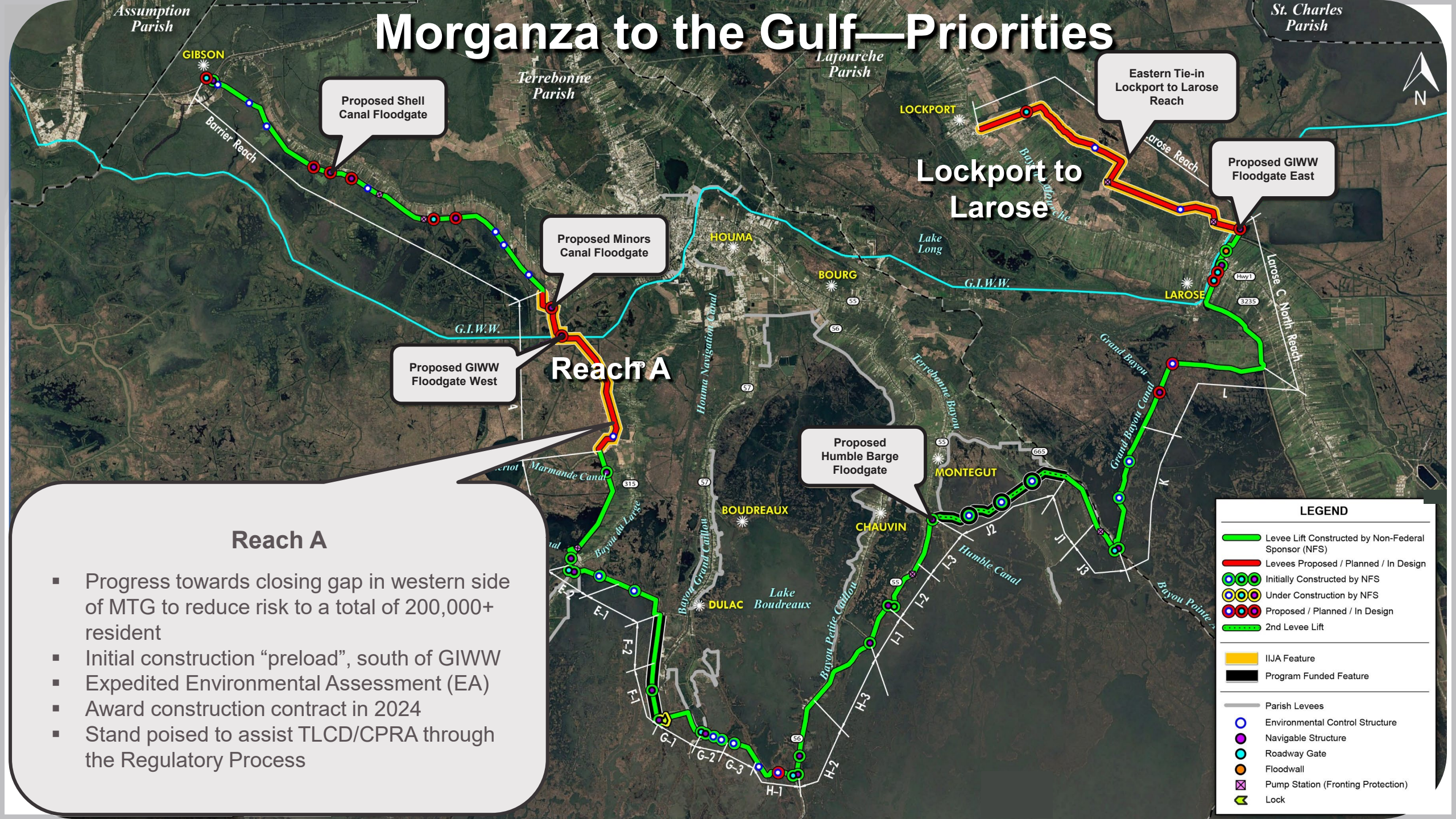
#### Structure Features

- Bayou Terrebonne Floodgate

### Environmental Efforts

- Reach A Environmental Assessment (EA)
- Reach F EA
- Supplemental Environmental Impact Statement (SEIS)—Entire project
- Survey and Borings EA

# Morganza to the Gulf—Priorities



Proposed Shell Canal Floodgate

Proposed Minors Canal Floodgate

Proposed GIWW Floodgate West

Eastern Tie-in Lockport to Larose Reach

Proposed GIWW Floodgate East

Proposed Humble Barge Floodgate

**Reach A**

- Progress towards closing gap in western side of MTG to reduce risk to a total of 200,000+ resident
- Initial construction “preload”, south of GIWW
- Expedited Environmental Assessment (EA)
- Award construction contract in 2024
- Stand poised to assist TLCD/CPRA through the Regulatory Process

LEGEND	
	Levee Lift Constructed by Non-Federal Sponsor (NFS)
	Levees Proposed / Planned / In Design
	Initially Constructed by NFS
	Under Construction by NFS
	Proposed / Planned / In Design
	2nd Levee Lift
	I/JA Feature
	Program Funded Feature
	Parish Levees
	Environmental Control Structure
	Navigable Structure
	Roadway Gate
	Floodwall
	Pump Station (Fronting Protection)
	Lock

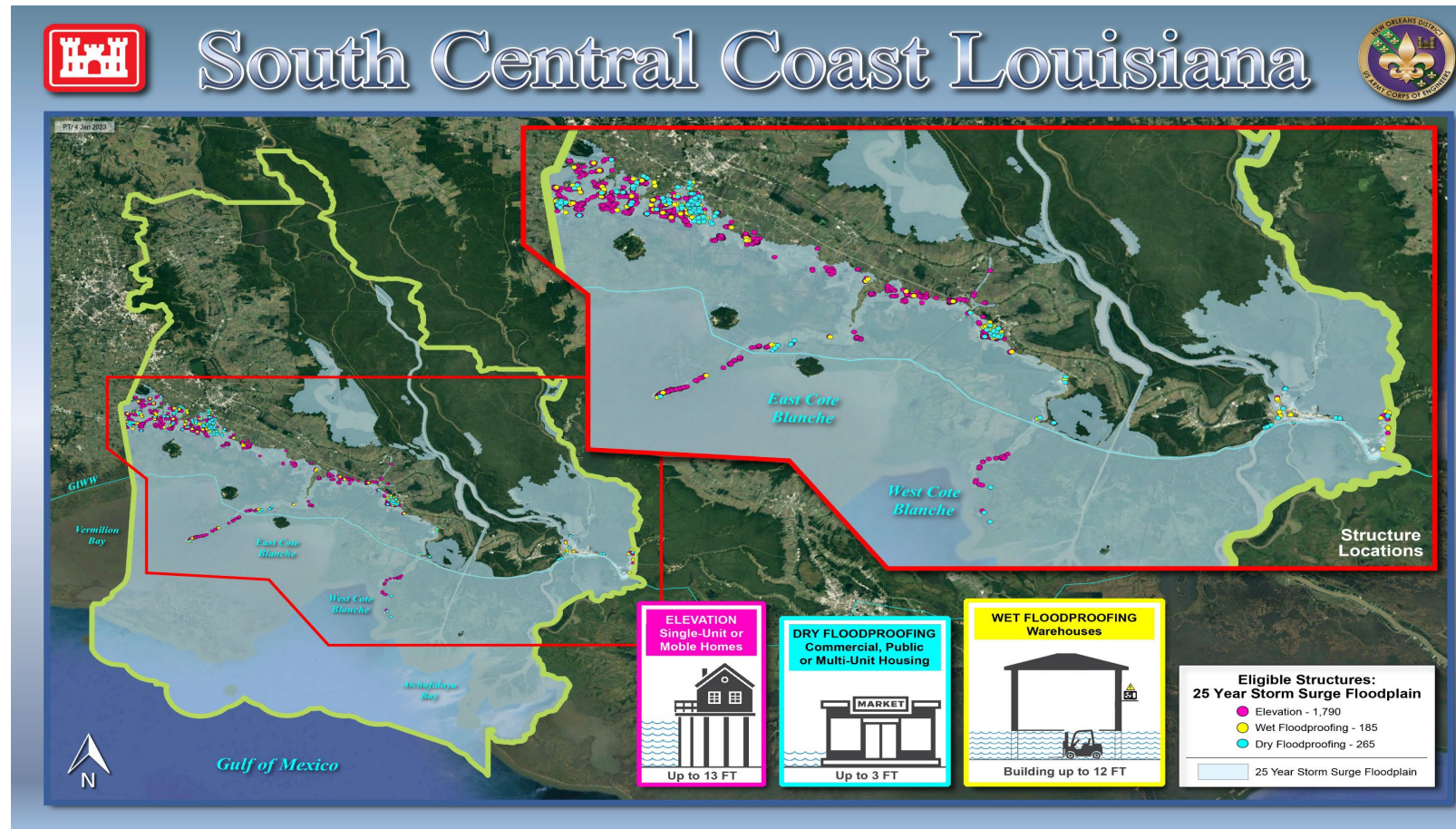


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# SOUTH CENTRAL COAST, LOUISIANA

- CPRA serves as the NFS
- Chief's Report signed on 23 June 2022
- Coastal storm risk management for St. Mary, St. Martin, and Iberia Parishes
- Voluntary flood-proofing or elevation of 2,240 structures within the 25-year storm surge floodplain
  - 1,790 residential structures
  - 233 commercial structures
  - 32 public structures
  - 185 warehouses
- Total project cost estimated at \$1.7B
- Benefit-to-Cost Ratio of 1.45
- Project authorized in WRDA 2022
  - USACE positioned to initiate Preconstruction Engineering and Design (PED) pending receipt of funds





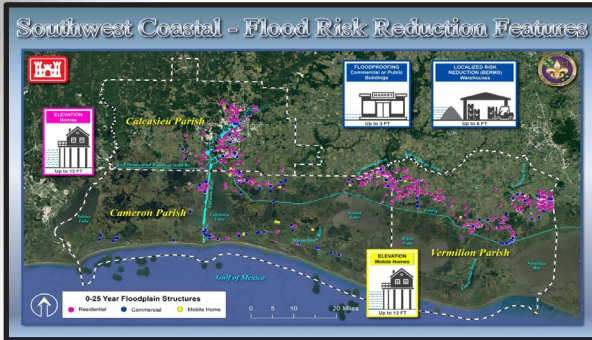
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# PROGRESS FORWARD

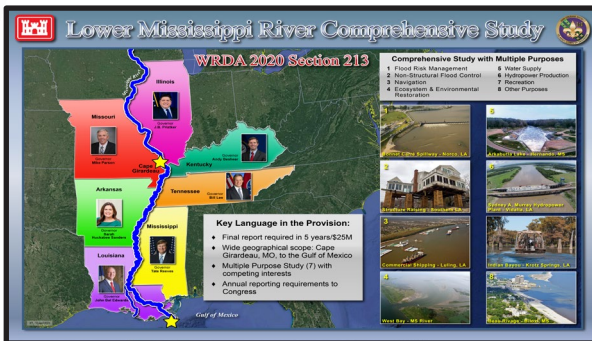
## Southwest Coastal Louisiana

- Structure Raising and Ecosystem Restoration
- \$6.8B Estimated Cost
- Project Area: Cameron Parish, Calcasieu Parish, Vermillion Parish
- MOU signed 17 MAY 2023
- Project Partnership Agreement executed today (14 Jun 23)



## Lower Mississippi River (LMR) Comprehensive Management Study

- 5-Yr/\$25M multi-purpose LMR study to identify actionable recommendations
- USACE has identified numerous challenges and opportunities to be further refined through stakeholder engagement/discussion
- Initiated study rollout with notification of CODEL and public this month
- Scheduling stakeholder/public engagements



## West Shore Lake Pontchartrain Project

- 18-mile levee system in St. John Parish and ring levees in St. James Parish
- 25 Total USACE Contracts
  - 13 Contracts awarded to date
  - 10 more contract to be award this Calendar Year
- 4' sand base to be constructed by mid-2024
- State to construct Maurepas Mitigation features and associated levees

