CPRA BOARD MEETING

SOUTH CENTRAL COAST, LA
FEASIBILITY STUDY

U.S. Army Corps of Engineers
New Orleans District
July 20, 2022
STUDY AREA, PURPOSE, AUTHORITY, NFS

STUDY PURPOSE

To investigate coastal storm risk management, hurricane risk management, and storm damage risk reduction problems and solutions in the study area.

STUDY AUTHORITY

Authorized H.R. Docket 2767, 20 Sep 2006, Southeast Coastal Louisiana, LA

Bipartisan Budget Act of 2018

• (Public Law 115-123), Division B, Subdivision 1, H. R. 1892—13, TITLE IV, CORPS OF ENGINEERS—CIVIL, DEPARTMENT OF THE ARMY, INVESTIGATIONS
• Limits scope to the flood risk management

NON-FEDERAL SPONSOR

Coastal Protection and Restoration Authority Board (CPRAB)
St. Mary, St. Martin, and Iberia Parishes have high levels of risk and vulnerability to coastal storms, exacerbated by a combination of sea level rise and climate change over the study periods.

The study area’s low elevation topography, proximity to the Gulf of Mexico, subsiding lands, and rising seas, are contributing factors causing coastal flooding, shoreline erosion, and loss of wetland.

**OBJECTIVES**

1. Reduce risk to life safety from hurricanes and storm surge within St. Martin, St. Mary, and Iberia parishes over the life of the project.

2. Reduce economic loss/damages as a result of hurricanes and storm surge to structures (i.e. residential, commercial, agricultural, and industrial) within the study area over the life of the project.

3. Reduce risk to and enhance reliability of primary evacuation route for study area residents and the greater City of New Orleans area (Hwy 90) over the period of analysis.
RECOMMENDED PLAN

**Voluntary** flood-proofing or elevation of **2,240 structures** located within the 25 year storm surge floodplain.

- **Residential**: 1790
- **Commercial**: 233
- **Public**: 32
- **Warehouses**: 185

**Total Project Cost**: $1.33B

**Benefit Cost Ratio**: 1.45

**Average Annual Net Benefits**: $14M

**Non-Federal Sponsor Share**: $320M

*FY 22 31.7% contingency.*
SOUTH CENTRAL COAST LOUISIANA

South Central Coast Feasibility Study, LA
Signed by LTG Spellmon, USACE Chief of Engineers on 23 June 2022.

Currently in Administration level review

Will ultimately be transmitted to Congress for potential construction authorization
NEXT STEPS AND PATH FORWARD

PRECONSTRUCTION, ENGINEERING AND DESIGN (PED)

- With the Chief’s Report signed, we can initiate PED efforts contingent upon funding
- PED efforts will include executing a Design Agreement, developing an implementation strategy, conducting a public outreach campaign (education on process), and initiating structure-specific analyses to determine eligibly and most appropriate and cost-effective floodproofing measures. Scope is contingent upon level of funding.

CONSTRUCTION

- Contingent upon construction authorization and appropriations from Congress
QUESTIONS