

US Army Corps  
of Engineers.



## USACE Galveston District – US Army Corps of Engineers Overview



### Mission

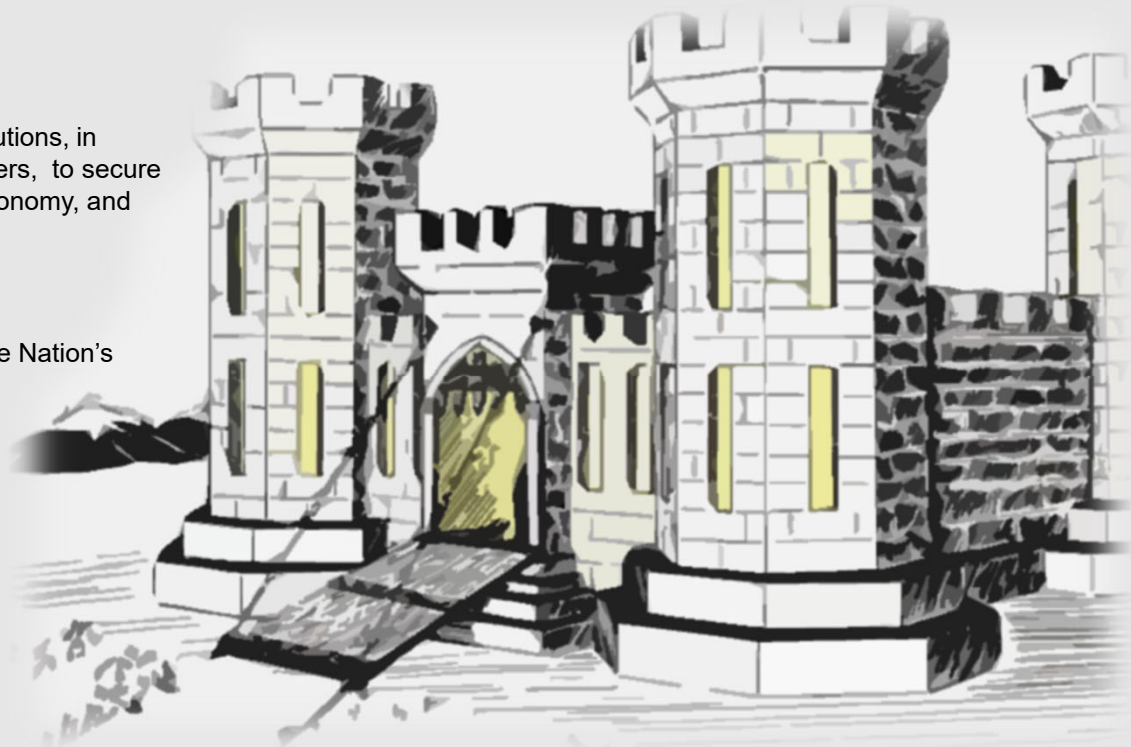
Deliver vital engineering solutions, in collaboration with our partners, to secure our Nation, energize our economy, and reduce disaster risk

### Vision

Engineering solutions for the Nation's toughest challenges

### Priorities

- People
- Readiness
- Partnerships
- Innovate



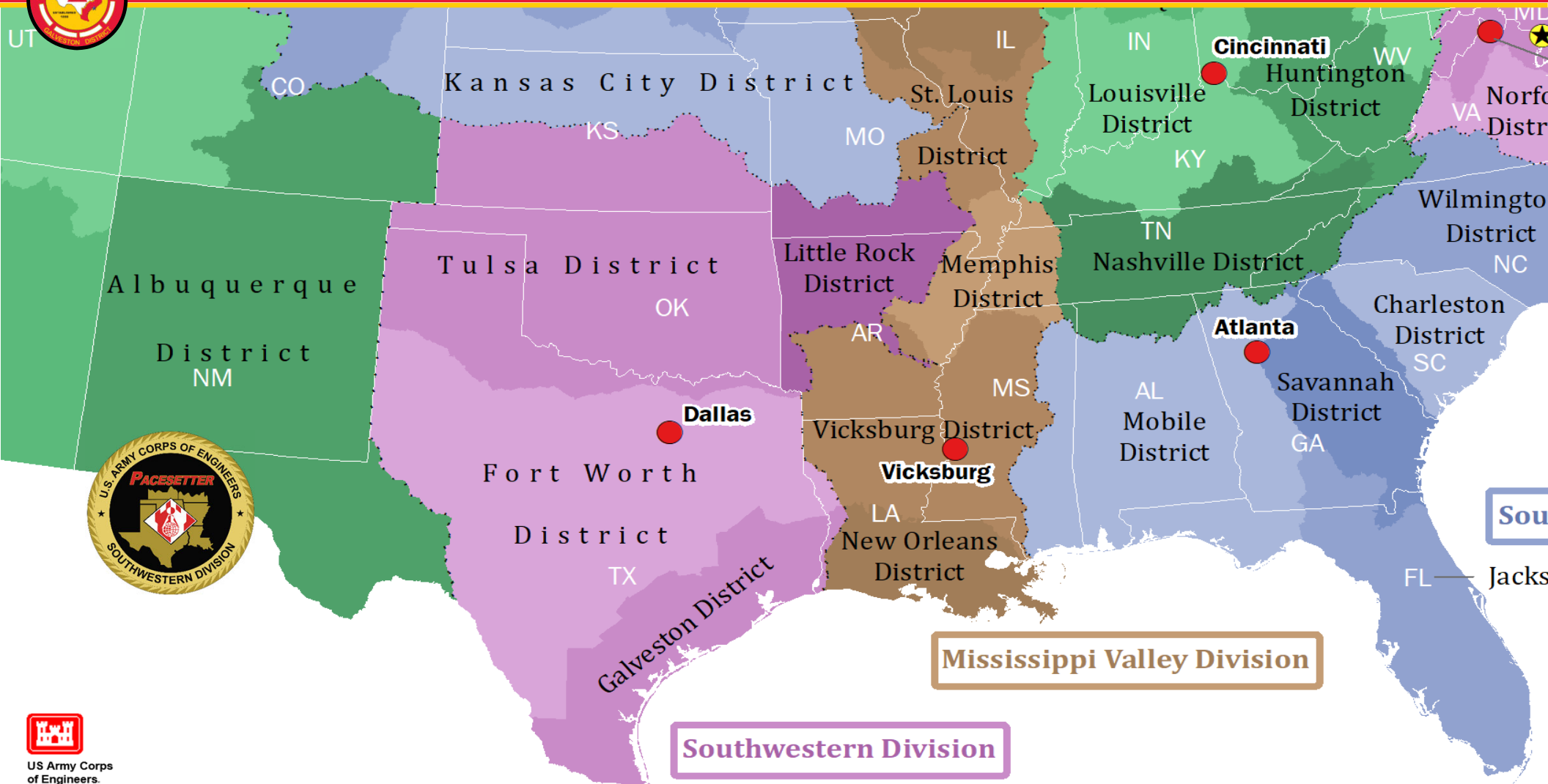
**Winning** = Finishing quality projects, on time and within budget ... **SAFELY**



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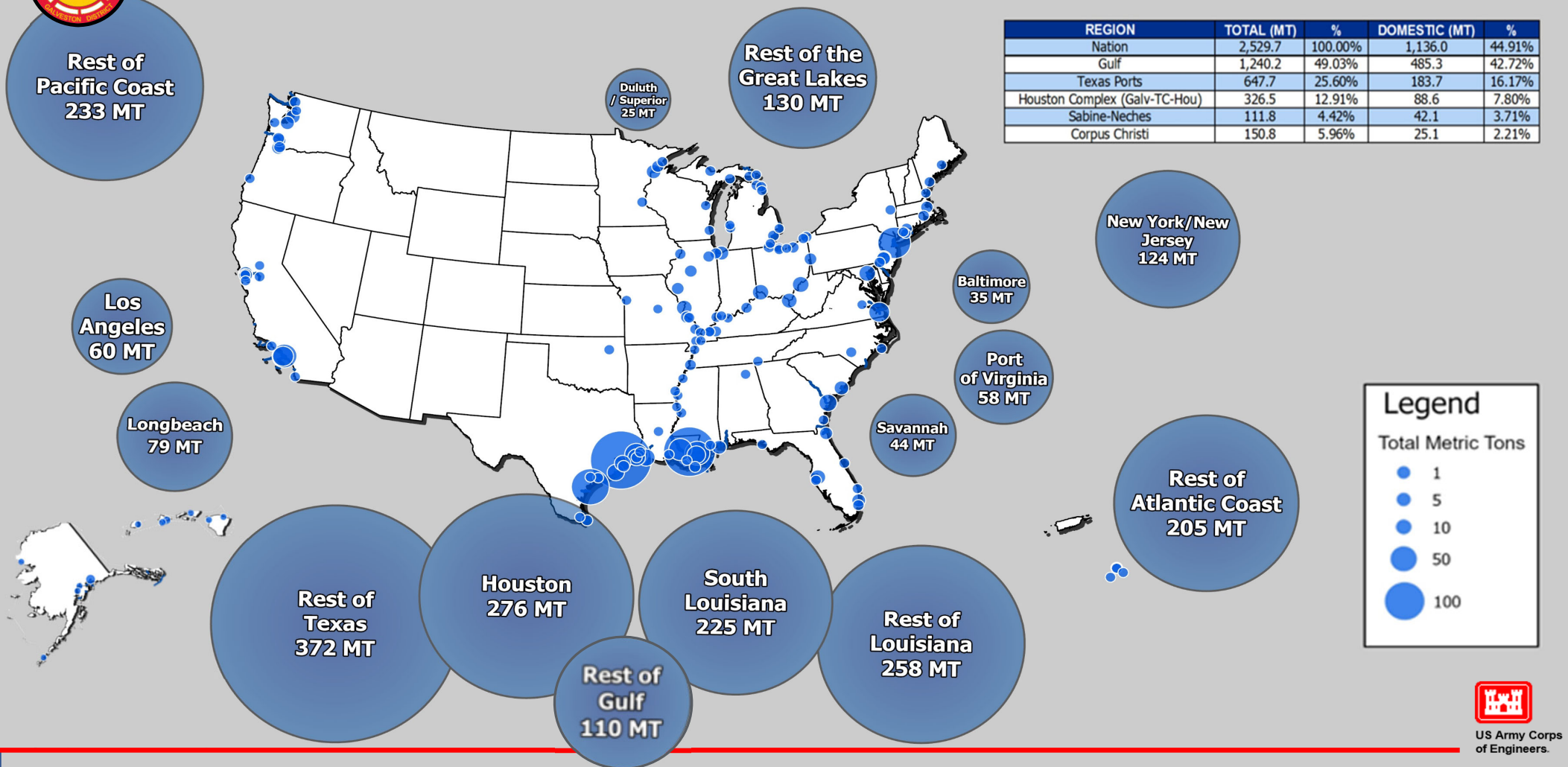


## USACE Galveston District – Ready | Responsive | Relevant





## USACE Galveston District – National Relative Deep Draft Tonnage







## USACE Galveston District Navigation Program



TEXAS

LOUISIANA

### LEADING U.S. PORTS

(2020 tonnage)

**Houston #1 – 275.9 million tons**

#1 Foreign Tonnage & Total Tonnage

**Corpus Christi #3 – 150.8 m.tons**

America's Energy Gateway

**Beaumont #8 – 70.6 m.tons**

#1 Military Port in World

**Port Arthur #15 – 41.2 m.tons**

Vital Break-Bulk Port

**Freeport #16 – 38.7 m.tons**

Connecting Global Services  
Via Caribbean Relay Port

**Texas City #20 – 33.7 m.tons**

Serves Largest Petrochemical Complex

**Galveston #46 – 11.9 m.tons**

#1 Cruise Ship Port in gulf

**Brownsville #66 – 6.8 m.tons**

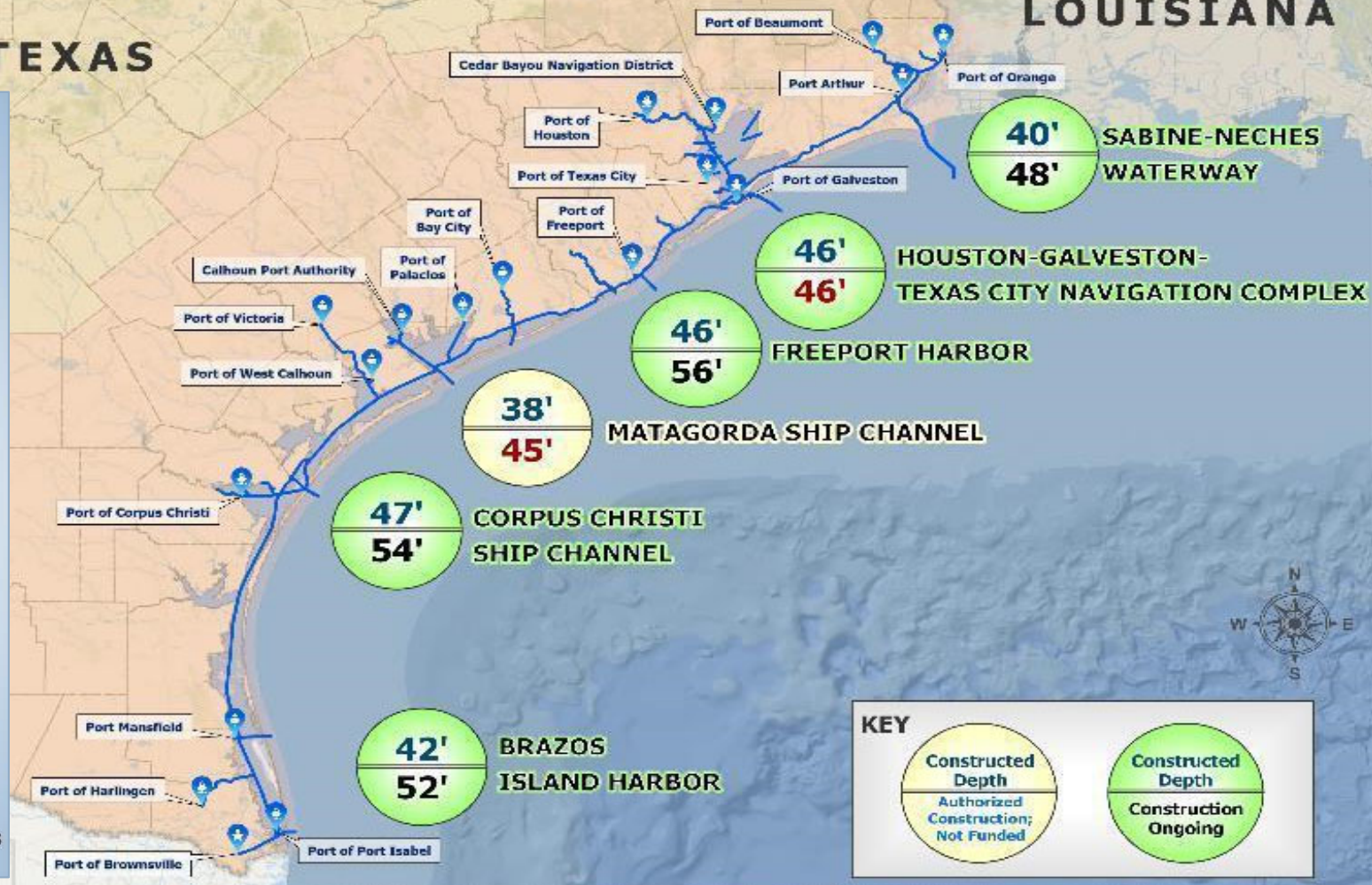
#1 Ship Recycling Port

**Sabine Pass Port #73 – 5.5 m.tons**

First in the U.S. with crude oil imports.

**Calhoun County Port #77 - 4.8 m.tons**

(Matagorda Ship Channel)







## USACE Galveston District – Beneficial Use Program





## USACE Galveston District – Sabine Pass to Galveston Bay



Sabine Pass to Galveston Bay Coastal Storm Risk Management Program



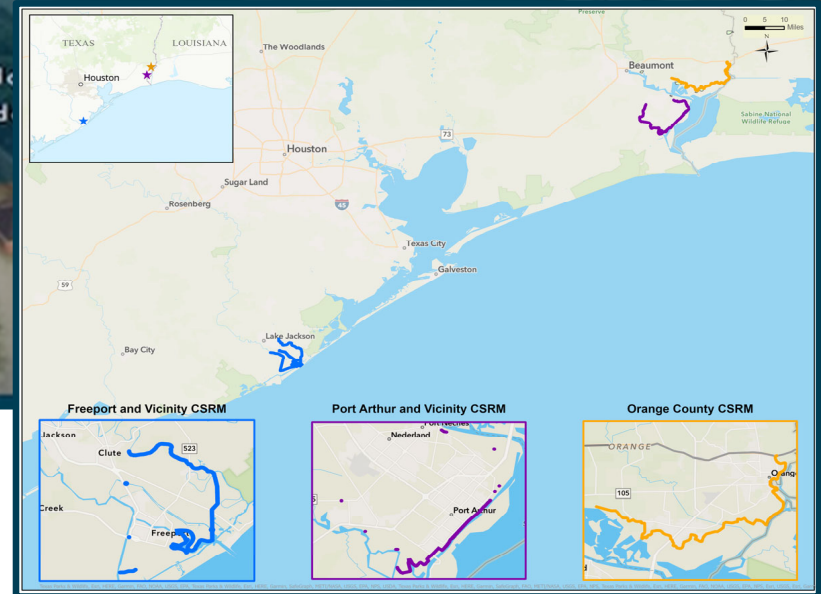
Port  
Arthur  
Project

Orange  
County  
Project

S<sub>2</sub>G

Freeport  
Project

### Sabine Pass to Galveston Bay Coastal Storm Risk Management Program



Click to website

[Sabine Pass to Galveston Bay \(army.mil\)](http://Sabine Pass to Galveston Bay (army.mil))



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# USACE Galveston District – Coastal Texas Program



## THE VALUABLE TEXAS COAST BY THE NUMBERS...

6+ MILLION RESIDENTS

3,300 MILES OF COASTLINE

24% OF STATE'S POPULATION | 15.8% OF U.S. PORT CARGO HANDLED

30% OF U.S. REFINING CAPACITY



US Army Corps of Engineers  
Galveston District



COASTAL TEXAS RESILIENCY IMPROVEMENT PLAN

## MULTIPLE LINES OF DEFENSE THE GALVESTON BAY STORM SURGE BARRIER SYSTEM

### Program Benefits

#### FLOOD DAMAGE REDUCTION



\$2.31 Billion  
EQUIVALENT ANNUAL BENEFITS

1.91 BENEFIT TO COST RATIO

77% REDUCTION IN DAMAGED STRUCTURES

64% REDUCTION IN FLOODED CRITICAL INFRASTRUCTURE POINTS

#### ENVIRONMENTAL ENHANCEMENT



PROTECTING NATIONALLY AND GLOBALLY SIGNIFICANT HABITAT

21,010

AAHUs ECOLOGICAL LIFT

6,610

ACRES HABITAT IMPROVED

#### ECONOMIC RESILIENCY



SAFEGUARDING...

#1 U.S. PORT FOR WATERBORNE TONNAGE

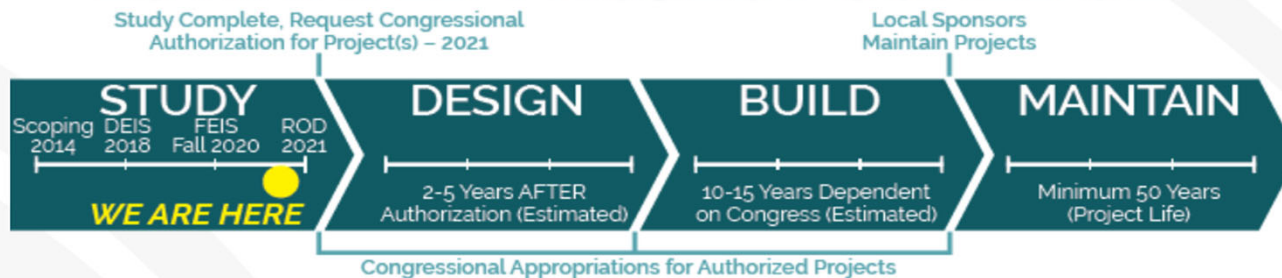
30% OF THE NATION'S TOTAL REFINING CAPACITY

60% OF THE NATION'S AVIATION FUEL

42% OF THE NATION'S SPECIALTY CHEMICAL FEEDSTOCK

80% OF THE NATION'S MILITARY GRADE FUEL

## ESTIMATED PROJECT SCHEDULE



[Click to website](#)



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# Champions

## *of the Texas Coast*







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# Questions?



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Thank you!