

# GALVESTON DISTRICT - FY22 NAVIGATION PROGRAM

## Navigation Operations Managers:

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USACE Galveston District  
Operations Division, Navigation Branch  
October 21, 2021



US Army Corps  
of Engineers®

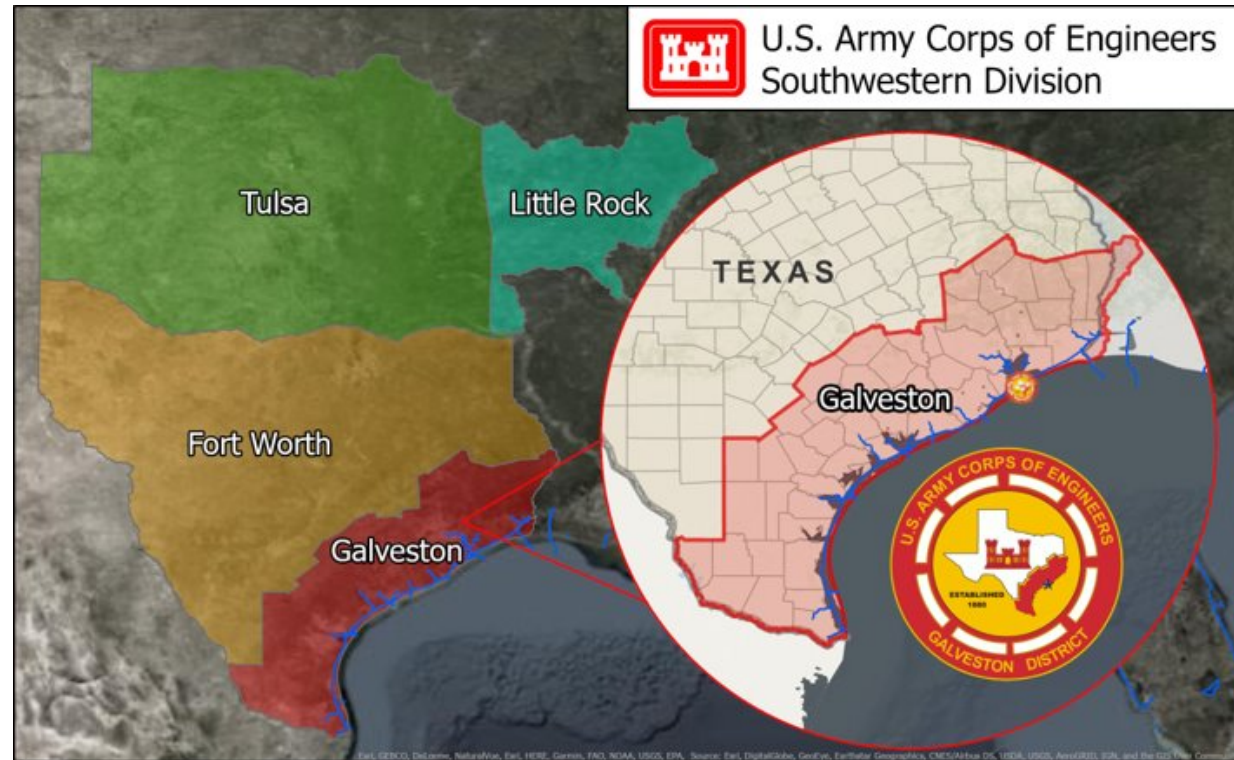


# OVERVIEW OF GALVESTON DISTRICT PORTFOLIO



## GALVESTON DISTRICT NAVIGATION PROJECTS

- 6 Deep-draft Navigation Complexes
- 1,000+ Miles of Deep- and shallow-draft channels
- 379-miles of GIWW
- 8 Jetty Systems
- 2 Sets of Nav Structures
- 3 Strategic Ports



# TEXAS PORTS COASTAL NAVIGATION VALUE TO THE NATION

## LEADING U.S. PORTS

(2019 tonnage - MT Denotes millions of short tons)

**Houston #1 – 284.9 MT**

#1 Foreign Tonnage & #1 Total Tonnage

**Corpus Christi #4 – 111.2 MT**

America's Energy Gateway

**Beaumont #5 – 101.1 MT**

Key Strategic Military Port

**Gulf Intracoastal Waterway - 110 MT**

**Texas Portion - 76.9 MT**

#3 Inland Waterway - Texas to Florida

**Texas City #16 – 41.3 MT**

Serves Largest Petrochemical Complex

**Port Arthur #19 – 33.9 MT**

Vital Break-Bulk Port

**Freeport #23 – 29.8 MT**

Connecting Global Services Via Caribbean Relay Port

**Galveston #47 – 11 MT**

Leading Cruise Ship Port in Gulf

**Brownsville #68 – 6.6 MT**

Largest Land-Owning Public Port Authority in the Nation

**Calhoun County Port #76 - 5.2 MT**

Provides Direct Deep-Draft Access Through Matagorda Ship Channel

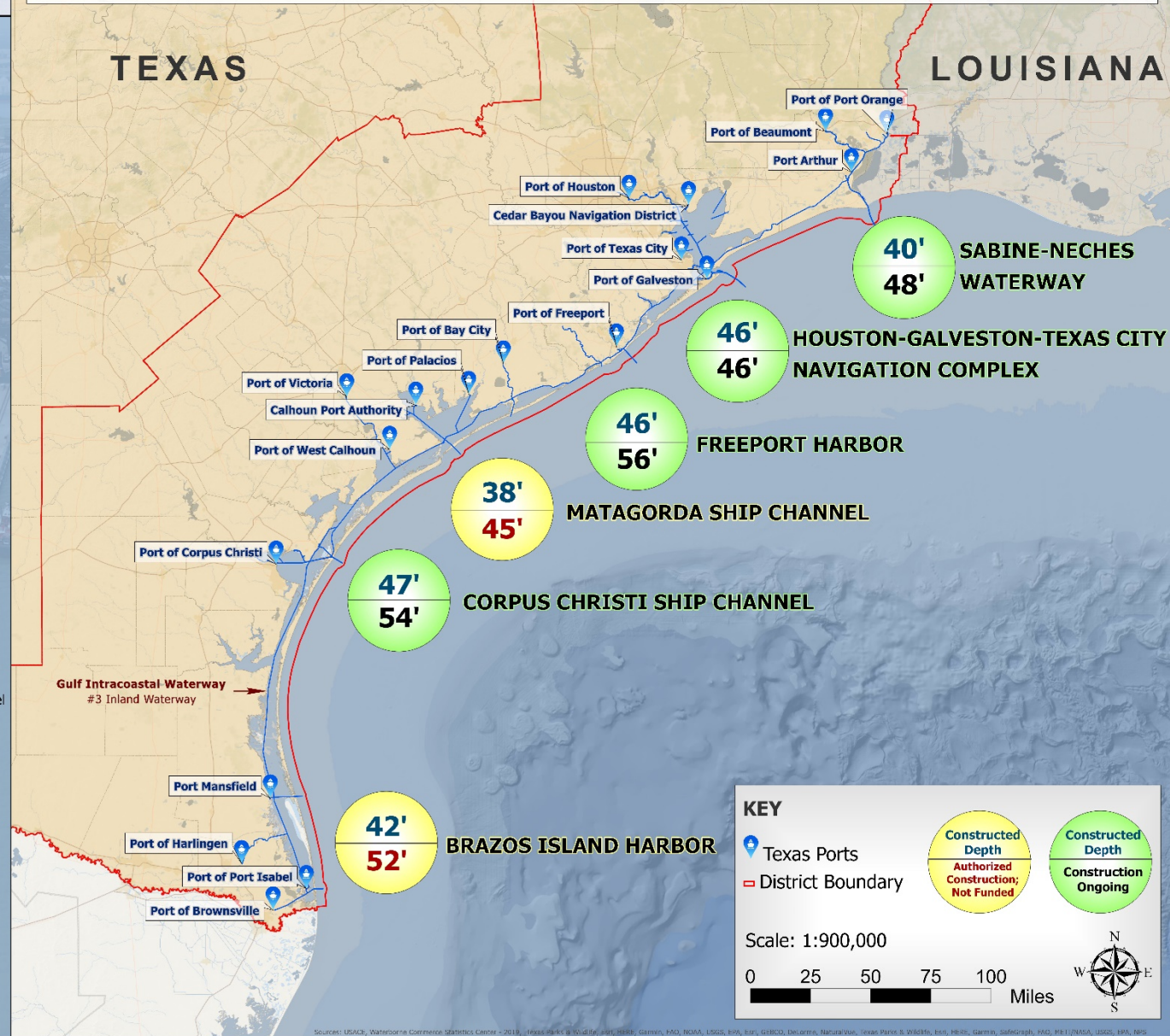
**Victoria #102 – 2.7 MT**

Leading Shallow-Draft Port for Domestic Crude Petroleum

Data Sources: USACE, Waterborne Commerce Statistics Center - 2019, Texas Ports Association



**Texas is the number one state in the nation for waterborne commerce.**  
 A total of **\$80.0 billion** of federal, state, and local tax revenue in the U.S. was supported by maritime activity at the public and private terminals in the state of Texas. Of the \$80.0 billion of federal, state and local tax revenue supported in the U.S., about **\$7.8 billion** of state and local taxes was supported in the state of Texas.





# TEXAS PORTS

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Data Sources: USACE, Waterborne Commerce Statistics Center - 2019, Texas Ports Association

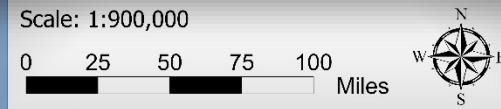


**40'** SABINE-NECHES WATERWAY  
**48'**

**46'** HOUSTON-GALVESTON-TEXAS CITY NAVIGATION COMPLEX  
**46'**

**46'** FREEPORT HARBOR  
**56'**

**38'**



Source: USACE, Waterborne Commerce Statistics Center - 2019, "Total Ports & Vessels", ERIE, Germany, FAO, NOAA, USGS, EPA, ERI, GBCO, Delaware, Indiana/Ohio, Texas Parks & Wildlife, ERI, IHCRC, Germany, SafeGroup, FAO, NCTD/MSA, USFS, EPA, NPS



## FY22 Sabine-Neches Waterway - Outer Bar & Bank



**LOCATION:** Sabine-Neches Waterway

**DREDGE TYPE:** Hopper

**PLACEMENT:** ODMDS

**QUANTITY:** 2,000,000 cy

**DEPTH:** 44-ft + 2-ft

**BUSINESS TYPE:** Unrestricted

**ADVERTISE:** 02/22/22

**BID OPENING:** 03/22/22

**COMMENCE DREDGING:** 05/21/22

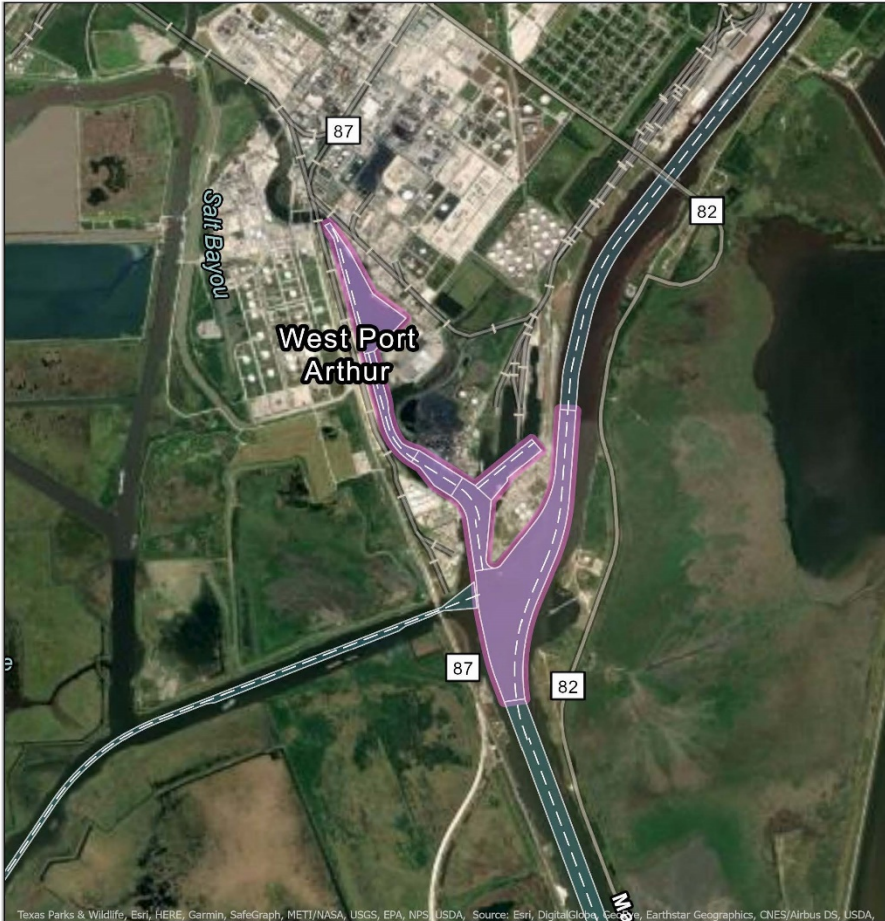
**DREDGE COMPLETE:** 10/19/22

**WORK RESTRICTIONS/WINDOW:**

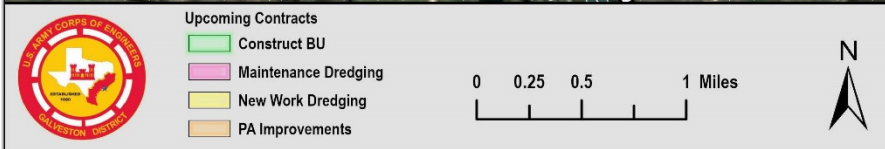
Contingent on Deepening contracts



## FY22 Sabine-Neches Waterway - SNWW Maintenance Dredging



Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,



**LOCATION:** Sabine-Neches Waterway

**DREDGE TYPE:** Pipeline

**PLACEMENT:** Upland Confined

**QUANTITY:** 3,000,000 cy

**DEPTH:** 42-ft + 2-ft

**BUSINESS TYPE:** TBD

**ADVERTISE:** 06/08/22

**BID OPENING:** 07/08/22

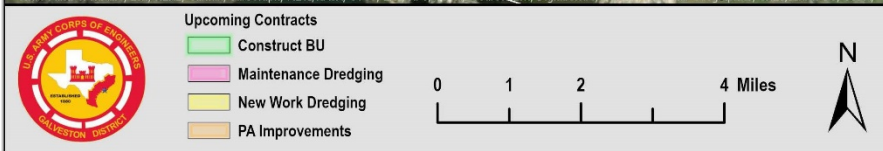
**COMMENCE DREDGING:** 09/05/22

**DREDGE COMPLETE:** 03/05/23

**WORK RESTRICTIONS/WINDOW:** N/A



## FY22 Sabine-Neches Waterway - PA8 & PA11



**LOCATION:** Sabine-Neches Waterway

**DREDGE TYPE:** N/A

**PLACEMENT:** Upland Confined

**QUANTITY:** N/A

**DEPTH:** N/A

**BUSINESS TYPE:** TBD

**ADVERTISE:** 05/31/22

**BID OPENING:** 06/30/22

**COMMENCE WORK:** 08/26/22

**COMPLETE WORK:** 03/26/23

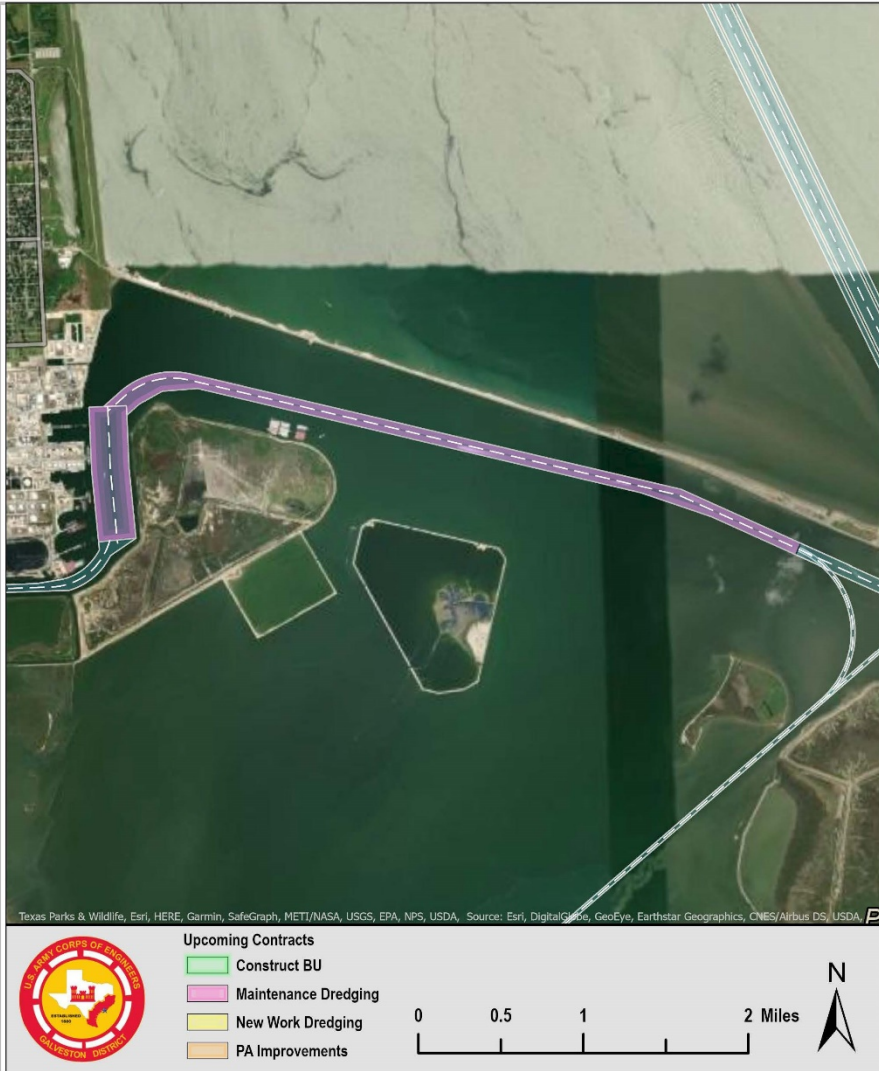
**WORK RESTRICTIONS/WINDOW:** N/A







# FY22 Texas City Ship Channel - Main Channel & Turning Basin



**LOCATION:** Texas City Ship Channel

**DREDGE TYPE:** Pipeline

**PLACEMENT:** BU Confined

**QUANTITY:** 1,500,000 cy

**DEPTH:** 48-ft + 2-ft

**BUSINESS TYPE:** TBD

**ADVERTISE:** 02/03/22

**BID OPENING:** 03/03/22

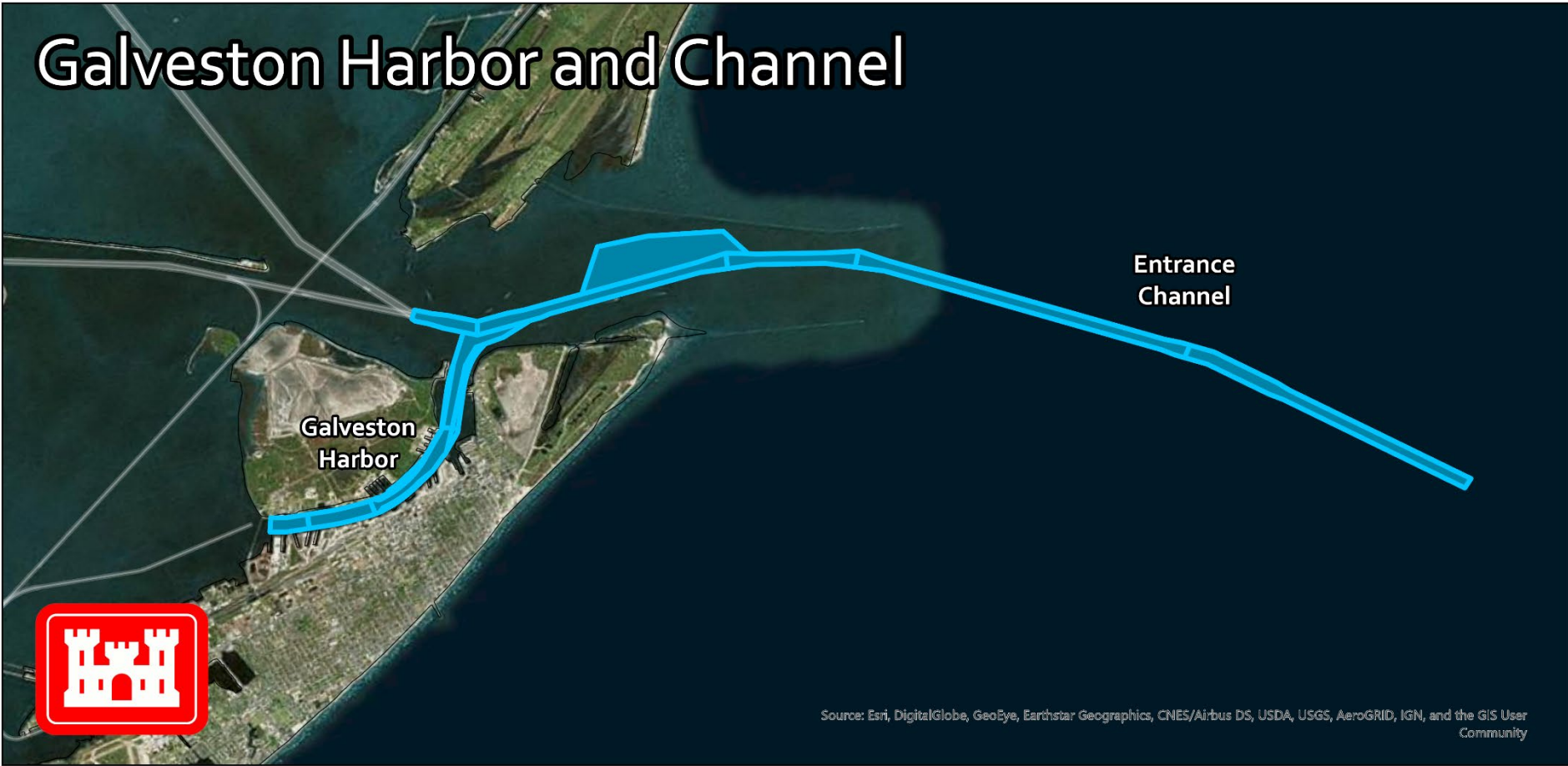
**COMMENCE DREDGING:** 05/07/22

**DREDGE COMPLETE:** 10/07/22

**WORK RESTRICTIONS/WINDOW:** N/A



# Galveston Harbor and Channel



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



# FY22 Galveston Harbor and Channel - San Jacinto PA Improvements



**LOCATION:** Galveston Harbor and Channel

**DREDGE TYPE:** N/A

**PLACEMENT:** Upland Confined

**QUANTITY:** N/A

**DEPTH:** N/A

**BUSINESS TYPE:** Unrestricted

**ADVERTISE:** 02/14/22

**BID OPENING:** 03/16/22

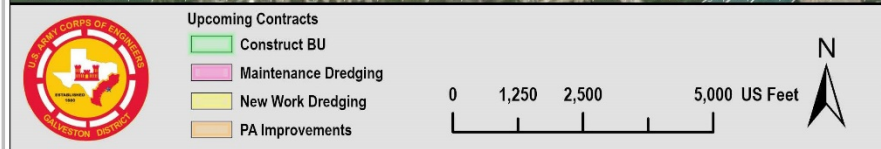
**COMMENCE WORK:** 05/31/22

**COMPLETE WORK:** 05/31/23

**WORK RESTRICTIONS/WINDOW:** N/A



## FY22 Galveston Harbor and Channel - Pelican Island PA Improvements



**LOCATION:** Galveston Harbor and Channel

**DREDGE TYPE:** N/A

**PLACEMENT:** Upland Confined

**QUANTITY:** N/A

**DEPTH:** N/A

**BUSINESS TYPE:** TBD

**ADVERTISE:** 05/02/22

**BID OPENING:** 06/01/22

**COMMENCE WORK:** 08/16/22

**COMPLETE WORK:** 08/16/23

**WORK RESTRICTIONS/WINDOW:** N/A



# Houston Ship Channel

Light Draft Channel

Jacintoport

Barbours

Bayport

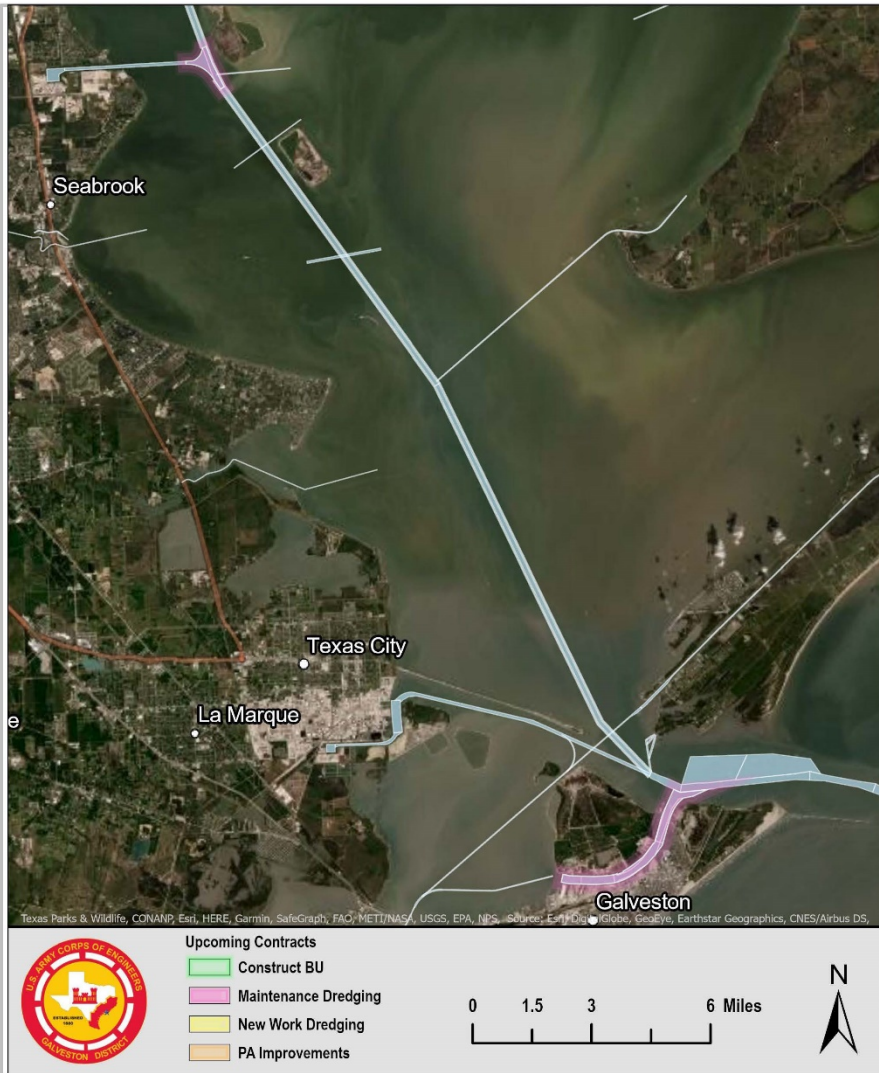
Houston



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



## FY22 Houston/Texas City/Galveston Complex - Hopper MATOC TO



**LOCATION:** HSC & Galveston Harbor and Channel

**DREDGE TYPE:** H

**PLACEMENT:** ODMDS

**QUANTITY:** 1,200,000

**DEPTH:** 53-ft + 2'OD / 51-ft + 2'OD / 46-ft+

**BUSINESS TYPE:** MATOC

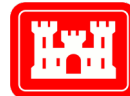
**ADVERTISE:** 02/15/22

**BID OPENING:** 03/15/22

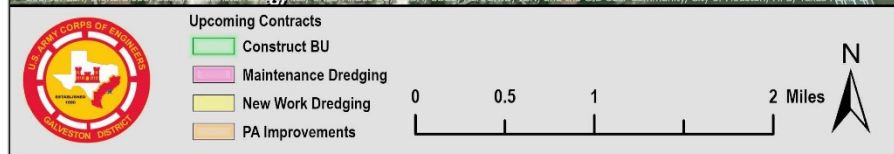
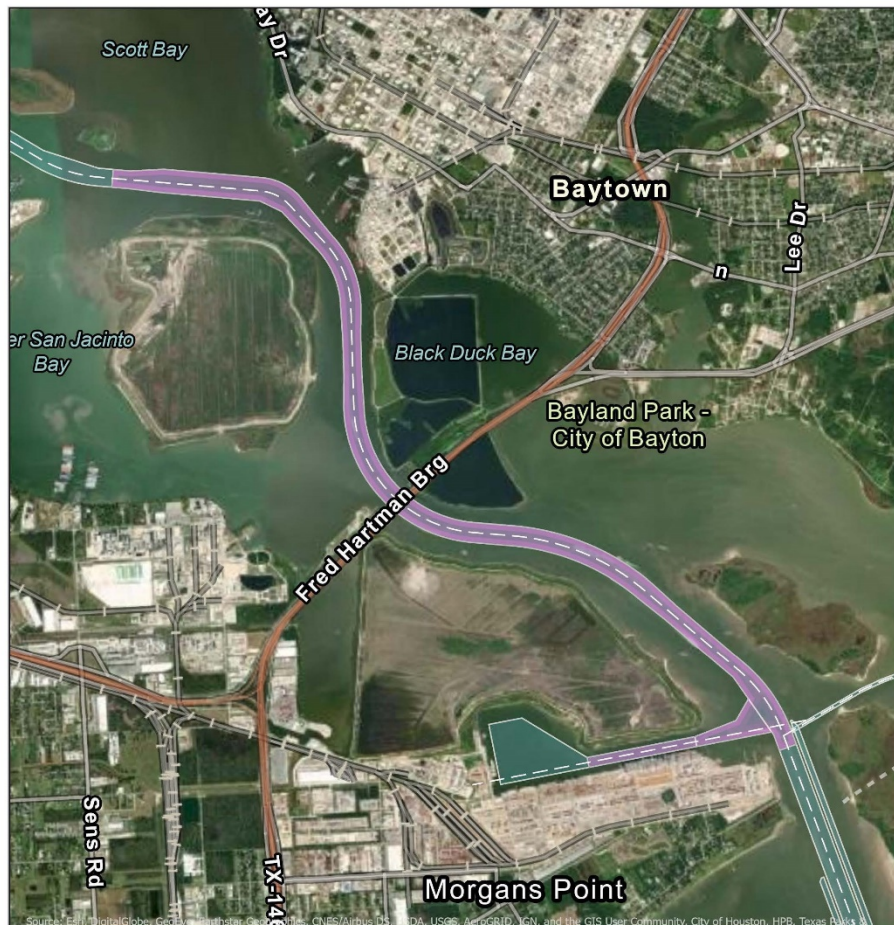
**COMMENCE DREDGING:** 04/15/22

**DREDGE COMPLETE:** 08/15/22

**WORK RESTRICTIONS/WINDOW:**



## FY22 Houston Ship Channel - Morgan's to Exxon and Barbours Cut



**LOCATION:** Houston Ship Channel

**DREDGE TYPE:** Pipeline

**PLACEMENT:** Upland Confined

**QUANTITY:** 2,000,000

**DEPTH:** 48.5-ft + 2-ft

**BUSINESS TYPE:** TBD

**ADVERTISE:** 04/15/22

**BID OPENING:** 05/13/22

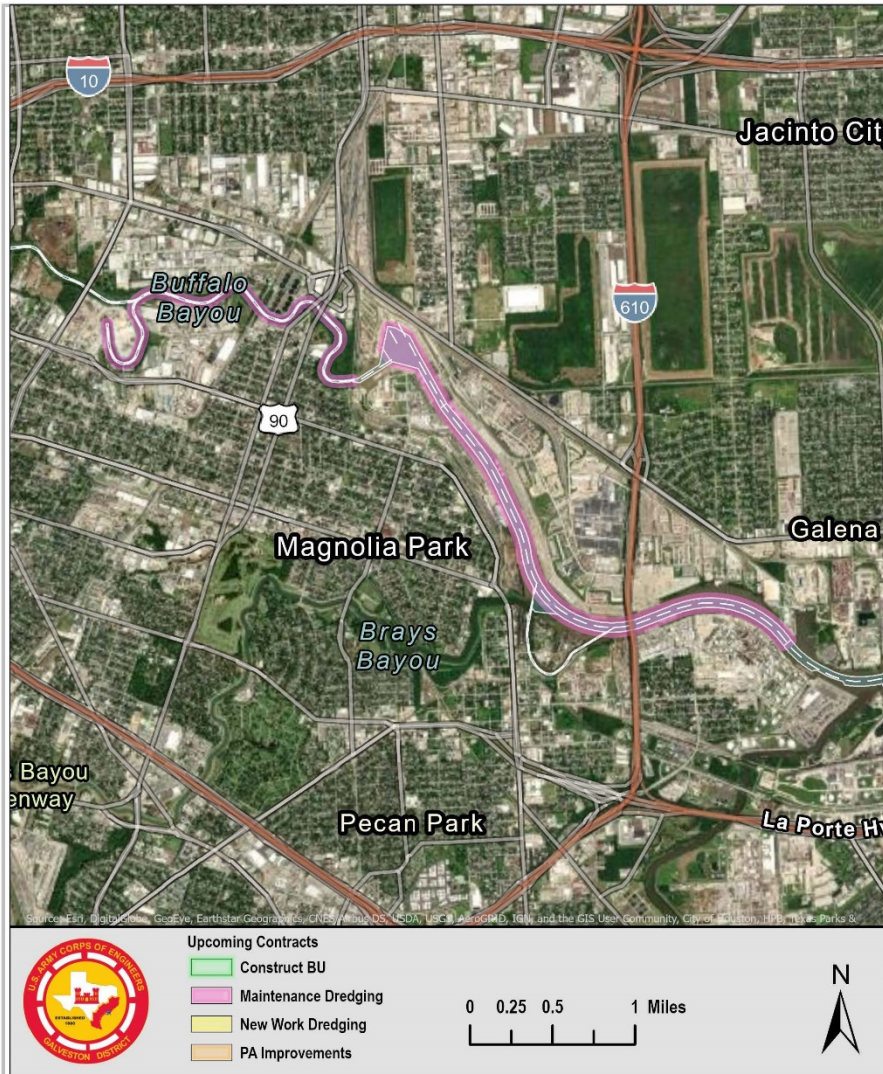
**COMMENCE DREDGING:** 07/25/22

**DREDGE COMPLETE:** 01/21/23

**WORK RESTRICTIONS/WINDOW:** N/A



## FY22 Houston Ship Channel - Sims to Turning Basin Dredging with Light Draft Channel



**LOCATION:** Houston Ship Channel

**DREDGE TYPE:** Mechanical / Pipeline

**PLACEMENT:** Upland Confined

**QUANTITY:** 800,000

**DEPTH:** 39.5-ft + 1-ft / 13-ft +1-ft

**BUSINESS TYPE:** TBD

**ADVERTISE:** 06/07/22

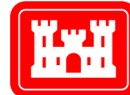
**BID OPENING:** 07/08/22

**COMMENCE DREDGING:** 09/27/22

**DREDGE COMPLETE:** 04/28/23

**WORK RESTRICTIONS/WINDOW:** N/A





# FY22 Houston Ship Channel - Placement Area 14 Dewatering



**LOCATION:** Houston Ship Channel

**DREDGE TYPE:** N/A

**PLACEMENT:** Upland Confined

**QUANTITY:** N/A

**DEPTH:** N/A

**BUSINESS TYPE:** TBD

**ADVERTISE:** 07/11/22

**BID OPENING:** 08/09/22

**COMMENCE WORK:** 10/26/22

**COMPLETE WORK:** 04/27/23

**WORK RESTRICTIONS/WINDOW:** N/A



#### Upcoming Contracts

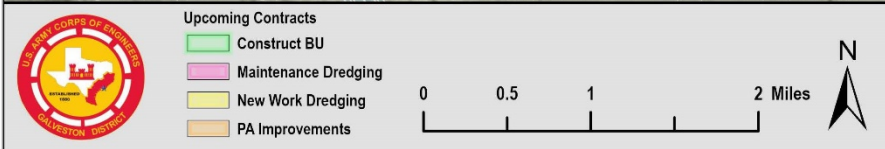
- Construct BU
- Maintenance Dredging
- New Work Dredging
- PA Improvements

0 500 1,000 2,000 US Feet





## FY22 Houston Ship Channel - Bay Area Beneficial Use Sites (BABUS)



**LOCATION:** Houston Ship Channel

**DREDGE TYPE:** Pipeline

**PLACEMENT:** BU

**QUANTITY:** 40,000,000

**DEPTH:** 70-ft + 2-ft

**BUSINESS TYPE:** TBD

**ADVERTISE:** 7/16/22

**BID OPENING:** 8/26/22

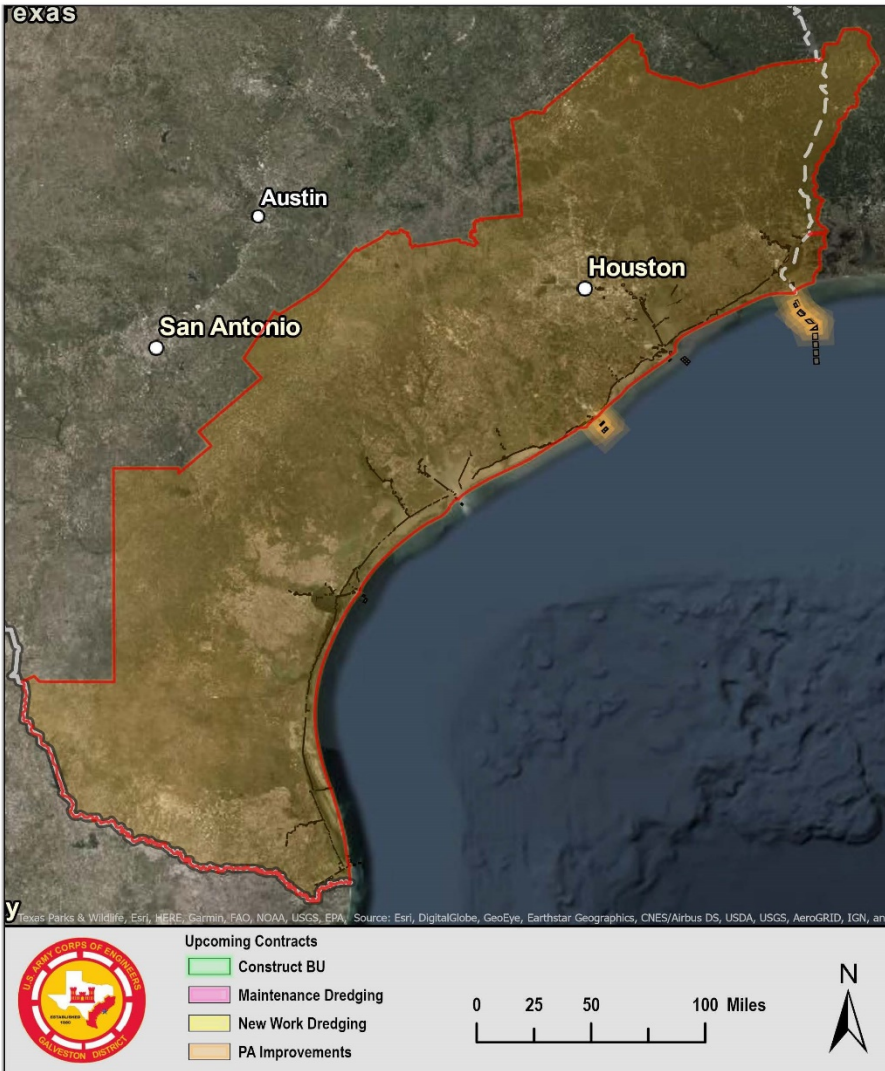
**COMMENCE DREDGING:** 11/10/22

**DREDGE COMPLETE:** 11/10/25

**WORK RESTRICTIONS/WINDOW:** N/A



## FY22 Placement Area MATOC



**LOCATION:** Galveston District

**DREDGE TYPE:** N/A

**PLACEMENT:** TBD

**QUANTITY:** N/A

**DEPTH:** N/A

**BUSINESS TYPE:** Small Business

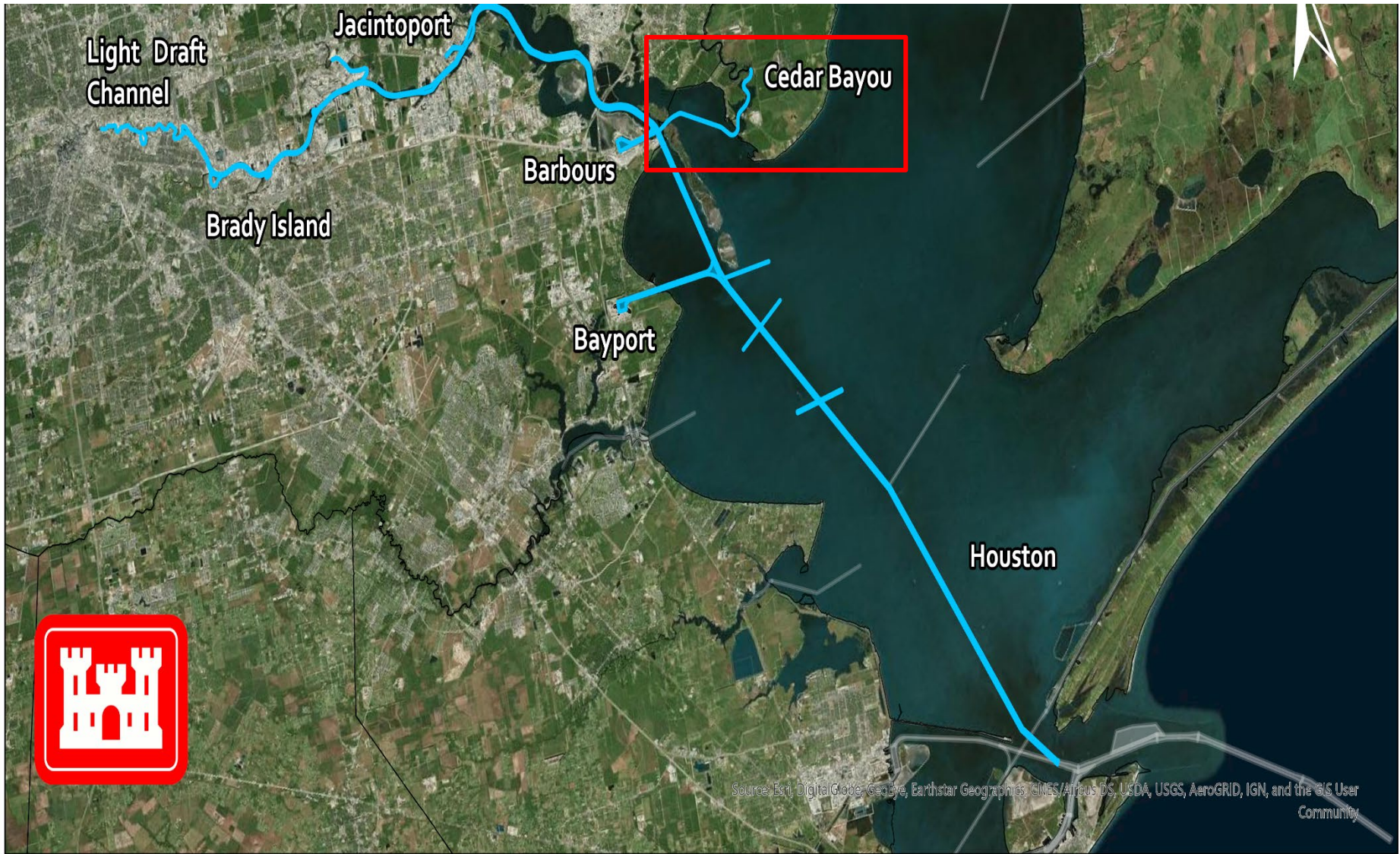
**ADVERTISE:** 11/10/21

**BID OPENING:** 12/13/21

**COMMENCE WORK:**

**COMPLETE WORK:**

**WORK RESTRICTIONS/WINDOW:** N/A



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



## FY22 Cedar Bayou PA 6 Dike Raise



**LOCATION:** Cedar Bayou

**DREDGE TYPE:** N/A

**PLACEMENT:** N/A

**QUANTITY:** N/A

**DEPTH:** N/A

**BUSINESS TYPE:** TBD

**ADVERTISE:** 02/23/22

**BID OPENING:** 03/24/22

**COMMENCE WORK:** 06/08/22

**COMPLETE WORK:** 04/24/23

**WORK RESTRICTIONS/WINDOW:** N/A



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## LEADING U.S. PORTS

(2019 tonnage - MT Denotes millions of short tons)

**Houston #1 – 284.9 MT**  
#1 Foreign Tonnage & #1 Total Tonnage

**Corpus Christi #4 – 111.2 MT**  
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**Beaumont #5 – 101.1 MT**  
Key Strategic Military Port

**Gulf Intracoastal Waterway - 110 MT**  
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**Freeport #23 – 29.8 MT**  
Connecting Global Services Via Caribbean Relay Port

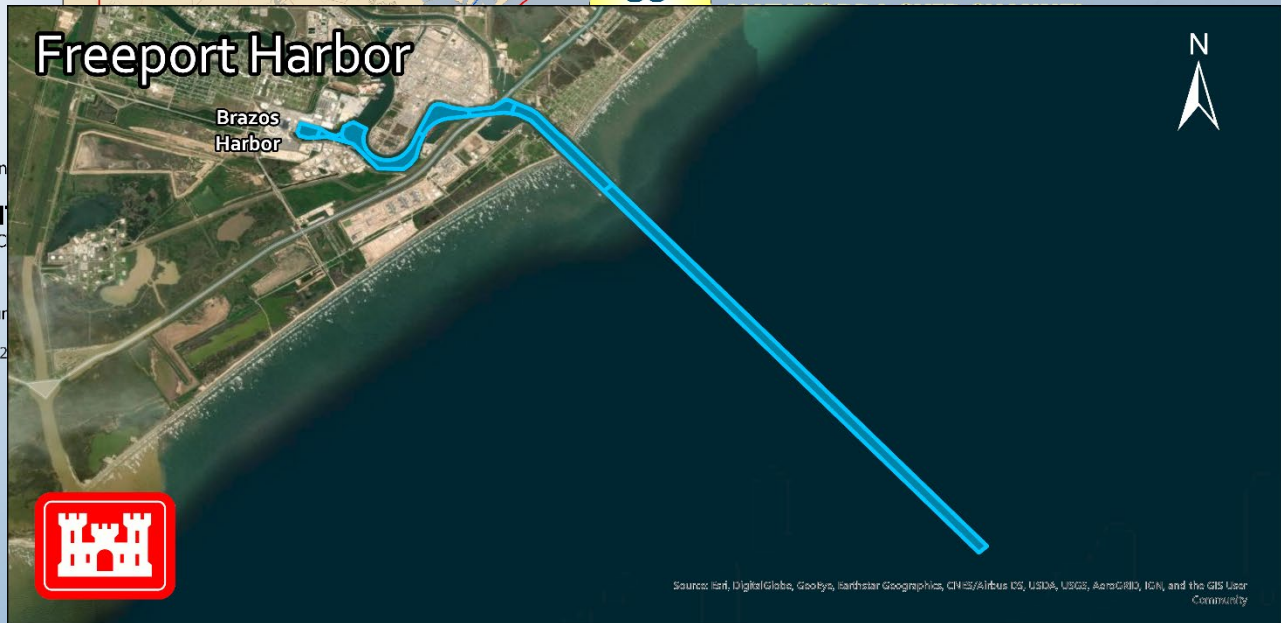
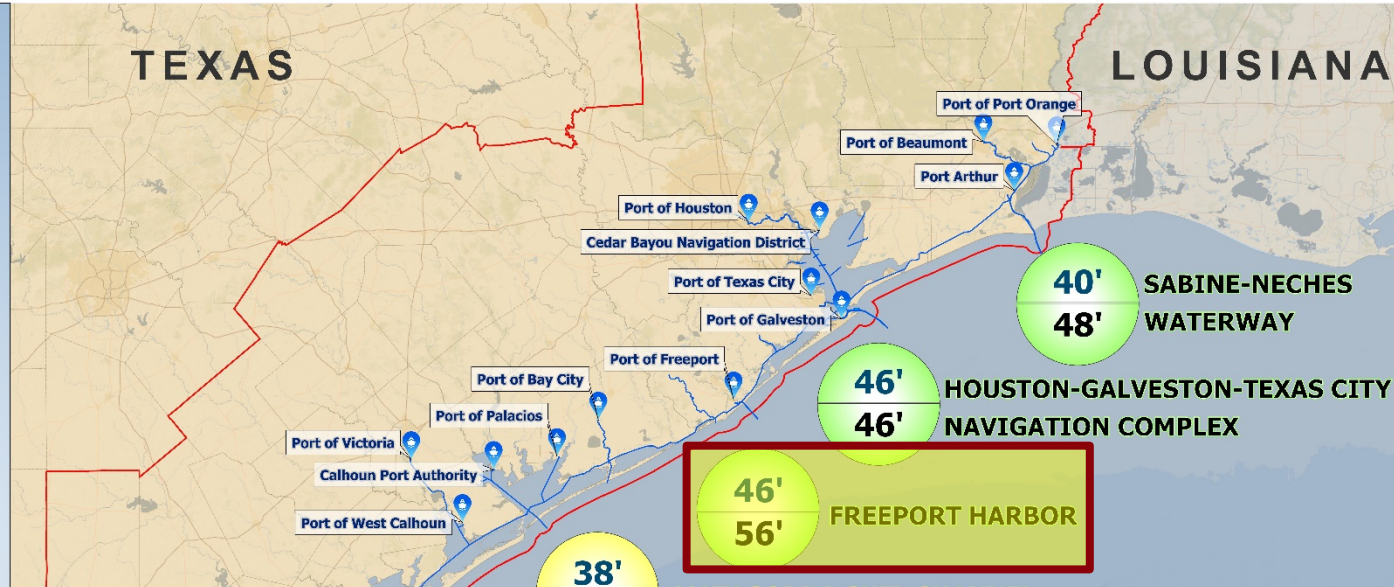
**Galveston #47 – 11 MT**  
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Provides Direct Deep-Draft Access Through Matagorda Ship Channel

**Victoria #102 – 2.7 MT**  
Leading Shallow-Draft Port for Domestic Crude Petroleum

Data Sources: USACE, Waterborne Commerce Statistics Center - 2019, Texas Ports Association



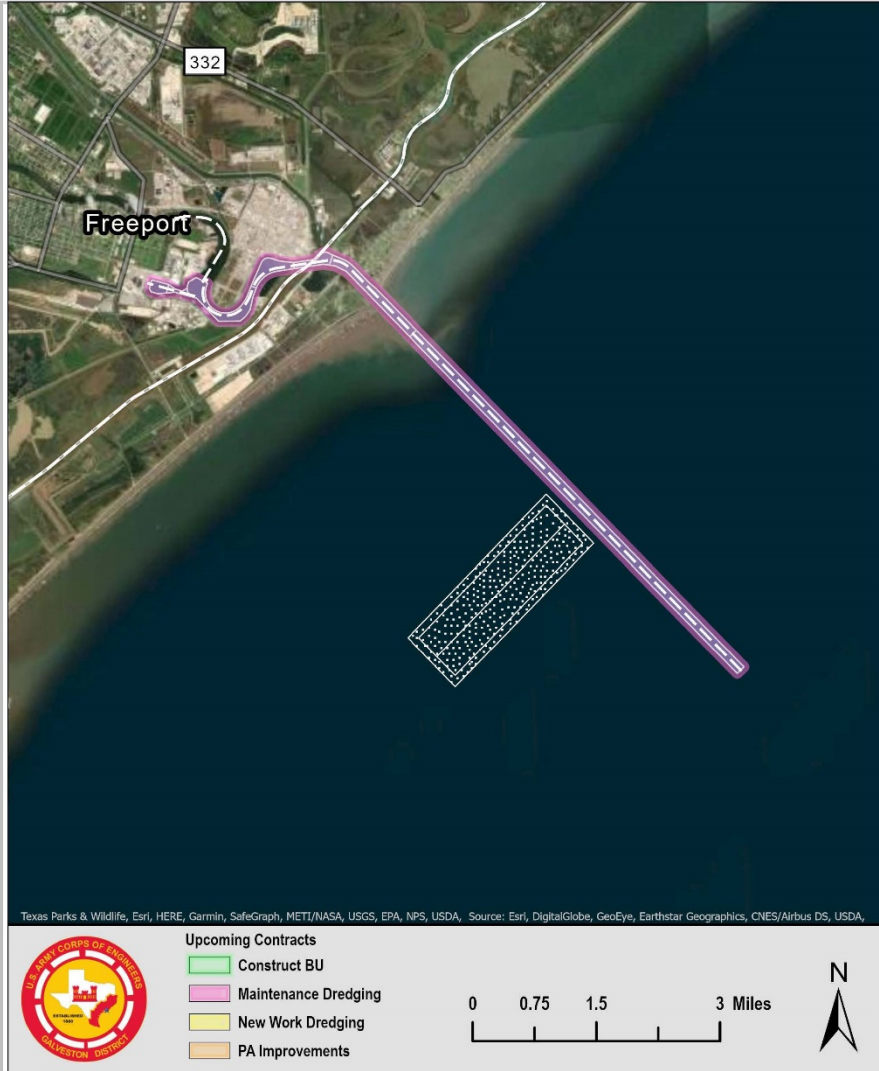
Constructed Depth  
Construction Ongoing



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



## FY22 Freeport Harbor - Jetty Channel and Inside Channel (TASK ORDER)



**LOCATION:** Freeport Harbor

**DREDGE TYPE:** Hopper

**PLACEMENT:** ODMDS

**QUANTITY:** 2,000,000

**DEPTH:** 46-ft + 2-ft

**BUSINESS TYPE:** SATOC

**ADVERTISE:** 08/08/22

**BID OPENING:** 08/18/22

**COMMENCE DREDGING:** 10/14/22

**DREDGE COMPLETE:** 12/30/22

**WORK RESTRICTIONS/WINDOW:** N/A



# FY22 Mechanical Dredge SATOC



**LOCATION:** Galveston District

**DREDGE TYPE:** Mechanical

**PLACEMENT:** Upland Confined

**QUANTITY:** 170,00 cy

**DEPTH:** Varies

**BUSINESS TYPE:** Unrestricted

**ADVERTISE:** 02/07/22

**BID OPENING:** 03/08/22

**COMMENCE DREDGING:** 05/02/22

**DREDGE COMPLETE:** 07/08/22

**WORK RESTRICTIONS/WINDOW:** N/A





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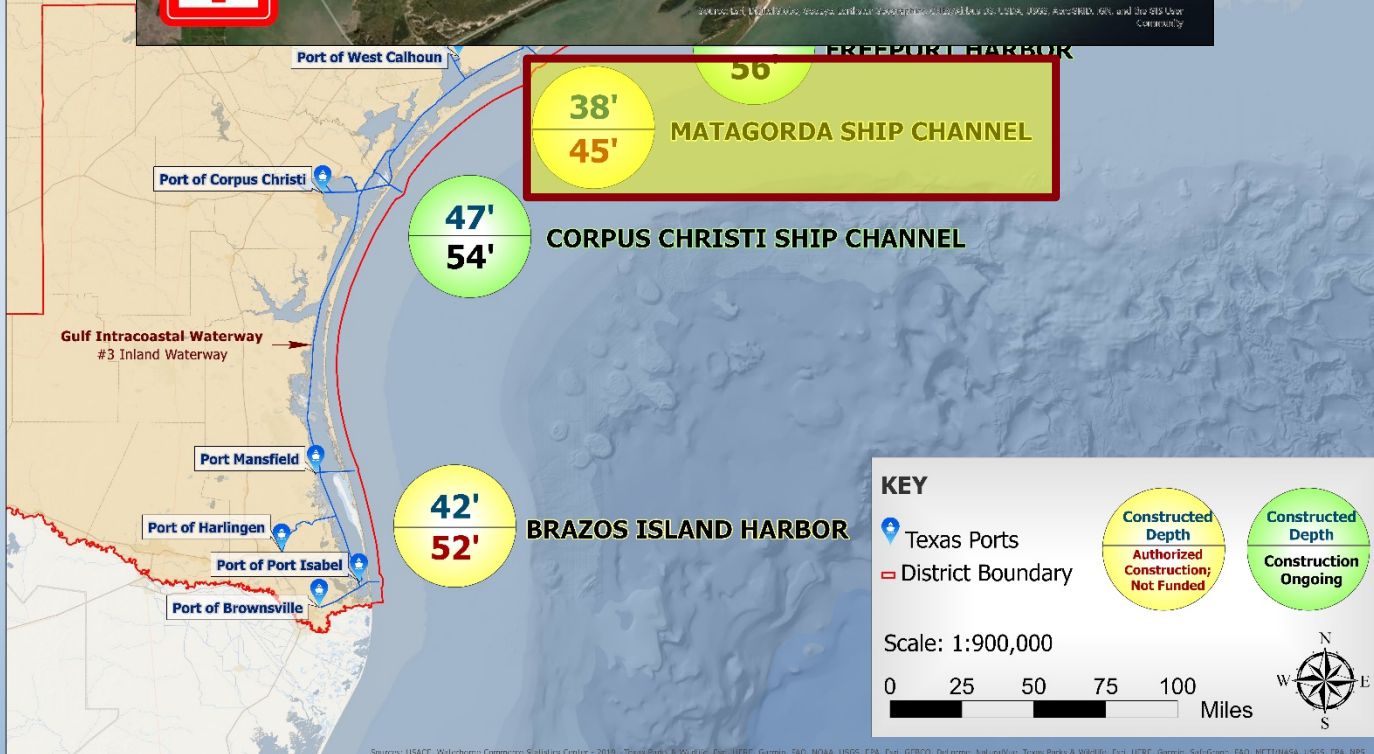
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Leading Shallow-Draft Port for Domestic Crude Petroleum

Data Sources: USACE, Waterborne Commerce Statistics Center - 2019, Texas Ports Association



**KEY**

- Texas Ports
- District Boundary
- Constructed Depth
- Authorized Construction; Not Funded
- Construction Ongoing

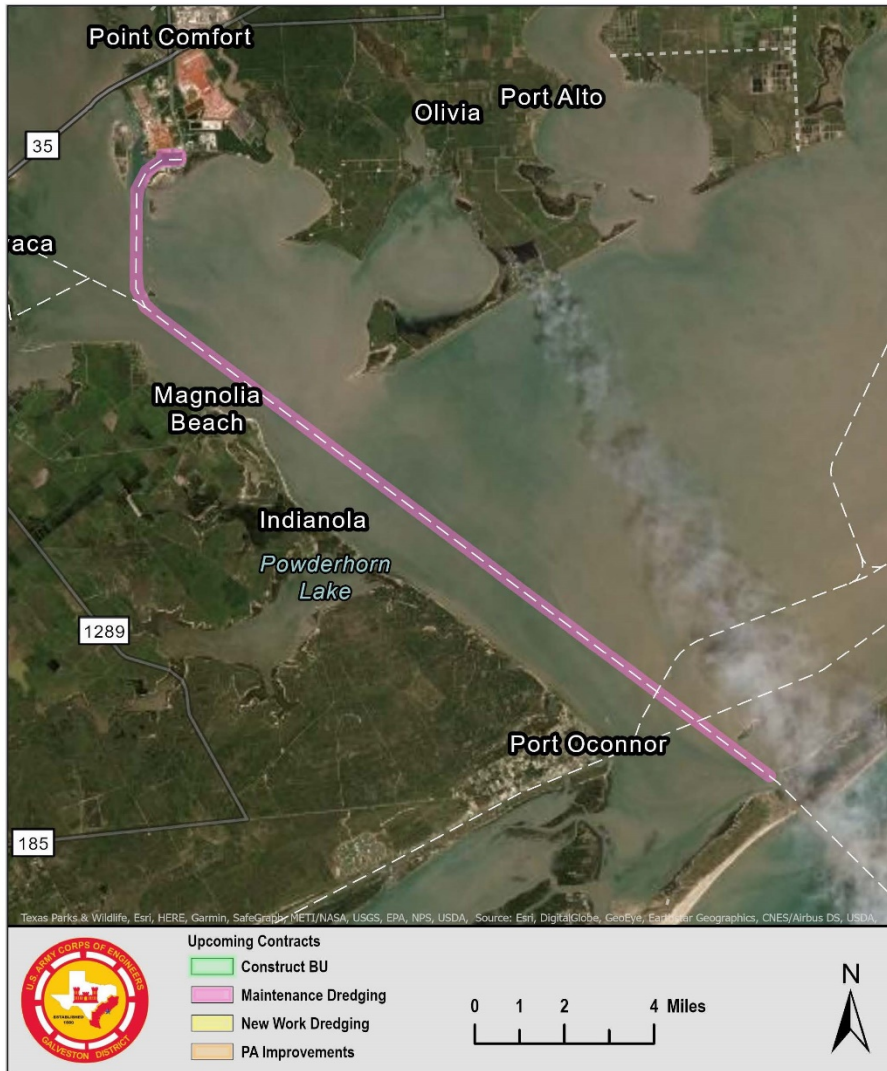
Scale: 1:900,000

0 25 50 75 100 Miles

Source: USACE, Waterborne Commerce Statistics Center - 2019, Texas Ports Association, ITRC, German, FAO, NOAA, USGS, EPA, ERI, GBCO, Delorme, InlandMap, Town Parks & Wildlife, ERI, ITRC, German, SafeGroup, FAO, NCTUNASA, USFS, EPA, NPS



## FY22 Matagorda Ship Channel - Matagorda Pen. To Point Comfort



**5-Year SATOC**

**LOCATION:** Matagorda Ship Channel

**DREDGE TYPE:** Pipeline

**PLACEMENT:** Open Water

**QUANTITY:** 3,500,000 cy

**DEPTH:** 38-ft + 2-ft

**BUSINESS TYPE:** Unrestricted

**ADVERTISE:** 01/15/22

**BID OPENING:** 02/15/22

**COMMENCE DREDGING:** 04/18/22

**DREDGE COMPLETE:** 09/23/22

**WORK RESTRICTIONS/WINDOW:** N/A



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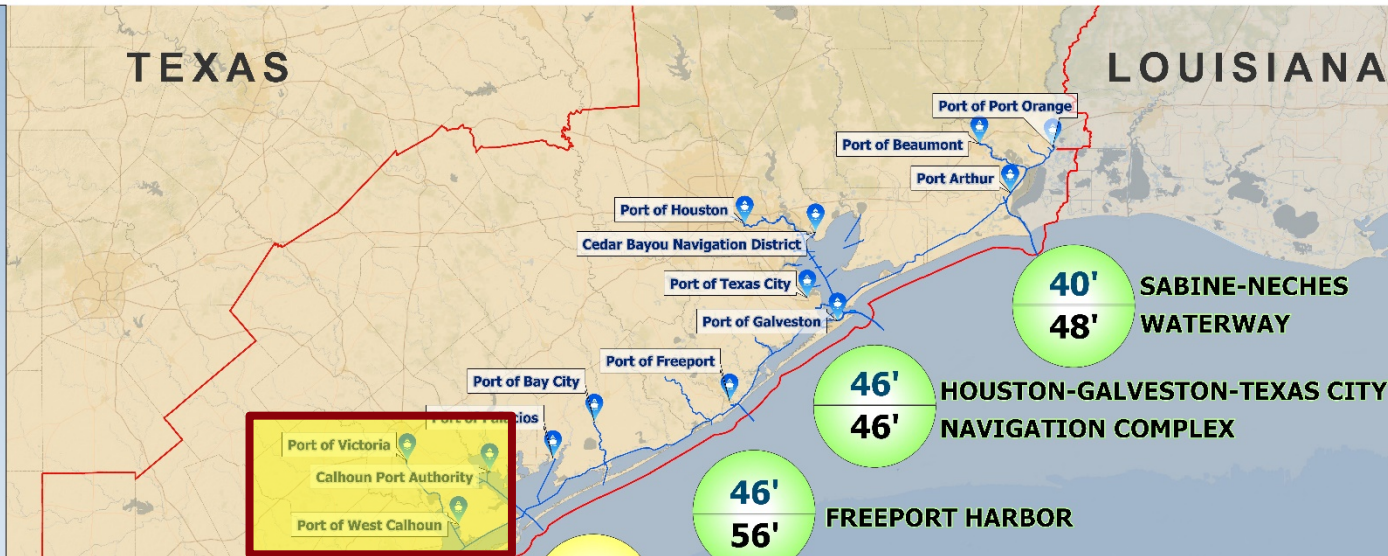
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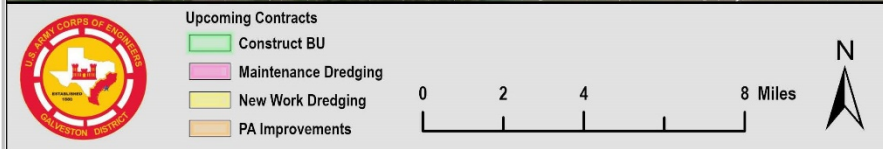
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



## FY22 Channel to Victoria - Maintenance Dredging



Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,



**LOCATION:** Channel to Victoria

**DREDGE TYPE:** Pipeline

**PLACEMENT:** Upland Confined / BU

**QUANTITY:** 800,000 cy

**DEPTH:** 14-ft + 2-ft

**BUSINESS TYPE:** TBD

**ADVERTISE:** 06/13/22

**BID OPENING:** 07/13/22

**COMMENCE DREDGING:** 09/05/22

**DREDGE COMPLETE:** 03/06/23

**WORK RESTRICTIONS/WINDOW:**

Whooping Crane: 15-Oct to 15-Apr



# FY22 Channel to Victoria - Placement Area #1 Improvements



Texas Parks & Wildlife, Esri, HERE, Garmin, SafeConnect, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDN, Source: Esri, DigitalGlobe, GeoEye, Earthstar



## Upcoming Contracts

- Construct BU
- Maintenance Dredging
- New Work Dredging
- PA Improvements

0 500 1,000 2,000 US Feet



**LOCATION:** Channel to Victoria

**DREDGE TYPE:** N/A

**PLACEMENT:** N/A

**QUANTITY:** N/A

**DEPTH:** N/A

**BUSINESS TYPE:** TBD

**ADVERTISE:** 06/20/22

**BID OPENING:** 07/20/22

**COMMENCE WORK:** 09/19/22

**COMPLETE WORK:** 03/20/23

**WORK RESTRICTIONS/WINDOW:**

Whooping Crane: 15-Oct to 15-Apr



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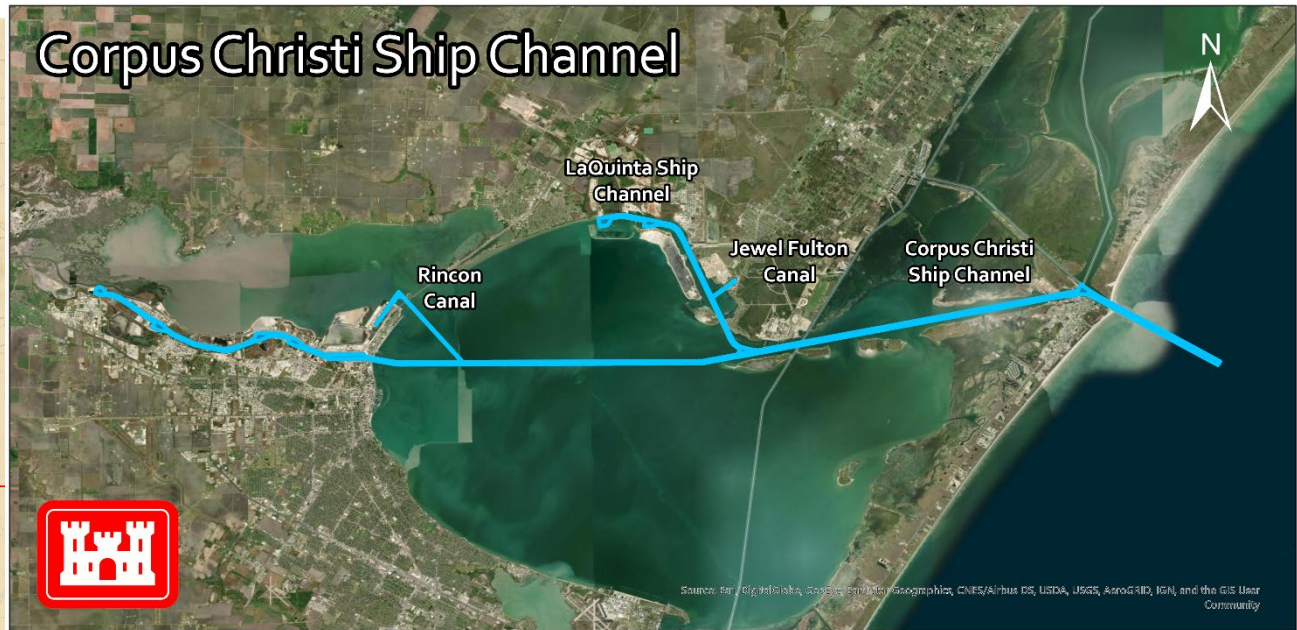
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Leading Cruise Ship Port in Gulf

**Brownsville #68 – 6.6 MT**  
Largest Land-Ownning Public Port Authority in the Nation

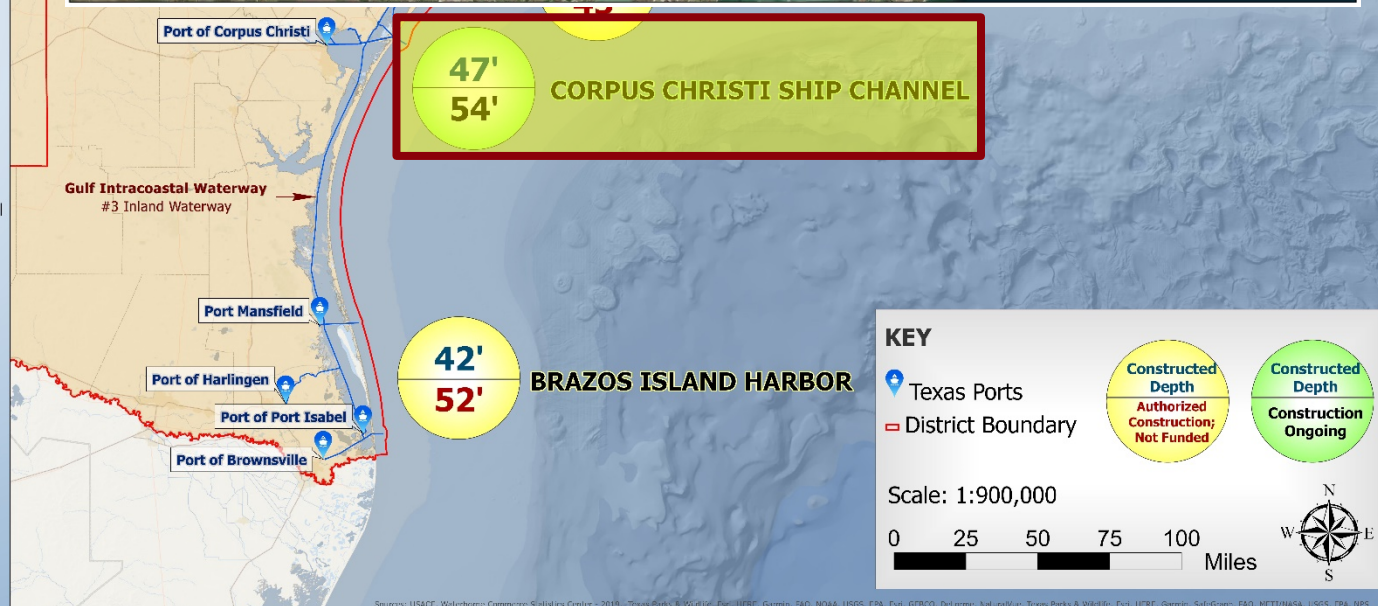
**Calhoun County Port #76 - 5.2 MT**  
Provides Direct Deep-Draft Access Through Matagorda Ship Channel

**Victoria #102 – 2.7 MT**  
Leading Shallow-Draft Port for Domestic Crude Petroleum

Data Sources: USACE, Waterborne Commerce Statistics Center - 2019, Texas Ports Association



Source: Esri, DeLorme, GeoEye, (Geo)COMPASS, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

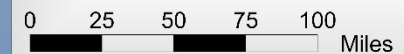


### KEY

- Texas Ports
- District Boundary

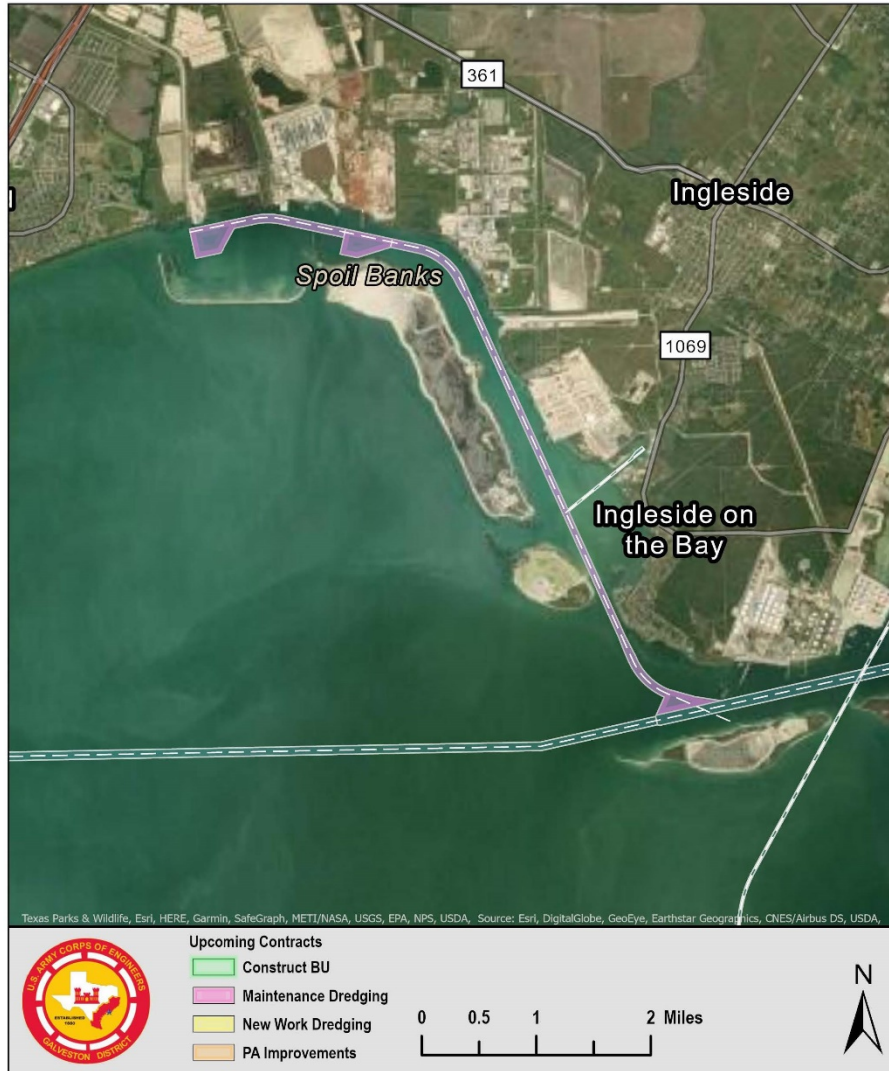
|                                     |                      |
|-------------------------------------|----------------------|
|                                     |                      |
| Constructed Depth                   | Constructed Depth    |
| Authorized Construction; Not Funded | Construction Ongoing |

Scale: 1:900,000





## FY22 Corpus Christi Ship Channel - La Quinta Channel



**LOCATION:** Corpus Christi Ship Channel

**DREDGE TYPE:** Pipeline

**PLACEMENT:** Mixed

**QUANTITY:** 1,000,000

**DEPTH:** 47-ft + 2-ft

**BUSINESS TYPE:** Unrestricted

**ADVERTISE:** 07/15/22

**BID OPENING:** 08/15/22

**COMMENCE DREDGING:** 10/13/22

**DREDGE COMPLETE:** 02/15/23

**WORK RESTRICTIONS/WINDOW:** N/A



# TEXAS PORTS COASTAL NAVIGATION VALUE TO THE NATION



## LEADING U.S. PORTS

(2019 tonnage - MT Denotes millions of short tons)

**Houston #1 – 284.9 MT**  
#1 Foreign Tonnage & #1 Total Tonnage

**Corpus Christi #4 – 111.2 MT**  
America's Energy Gateway

**Beaumont #5 – 101.1 MT**  
Key Strategic Military Port

**Gulf Intracoastal Waterway - 110 MT**  
**Texas Portion - 76.9 MT**  
#3 Inland Waterway - Texas to Florida

**Texas City #16 – 41.3 MT**  
Services Largest Petrochemical Complex

**Port Arthur #19 – 33.9 MT**  
Vital Break-Bulk Port

**Freeport #23 – 29.8 MT**  
Connecting Global Services Via Caribbean Relay Port

**Galveston #47 – 11 MT**  
Leading Cruise Ship Port in Gulf

**Brownsville #68 – 6.6 MT**  
Largest Land-Ownning Public Port Authority in the Nation

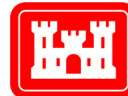
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Leading Shallow-Draft Port for Domestic Crude Petroleum

Data Sources: USACE, Waterborne Commerce Statistics Center - 2019, Texas Ports Association







## FY22 Brazos Island Harbor - Entrance / Jetty Channels w/Optional Beach Placement



**LOCATION:** Brazos Island Harbor

**DREDGE TYPE:** Hopper

**PLACEMENT:** BU/Open Water

**QUANTITY:** 450,000 cy

**DEPTH:** 44-ft + 2-ft

**BUSINESS TYPE:** Unrestricted

**ADVERTISE:** 07/19/22

**BID OPENING:** 08/18/22

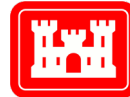
**COMMENCE DREDGING:** 10/15/22

**DREDGE COMPLETE:** 03/15/23

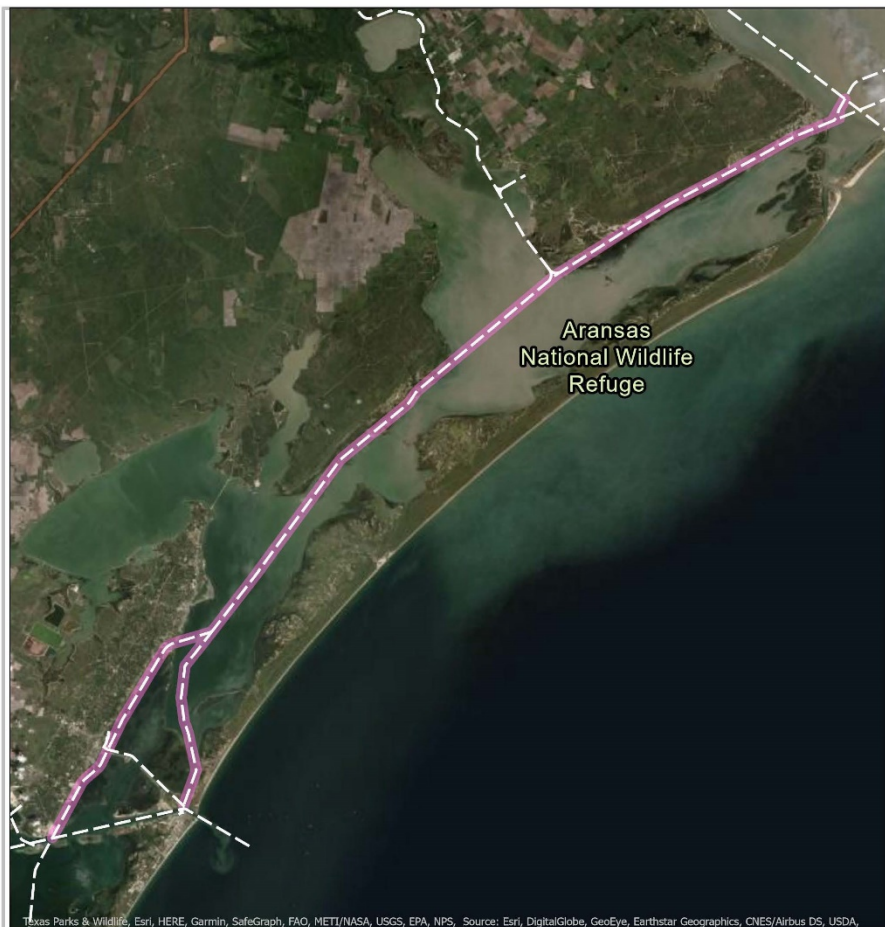
**WORK RESTRICTIONS/WINDOW:**

Closed 1 APR - 30 NOV (Swimming S. Turtles);  
15 Mar - 30 Sep Nesting Sea Turtles





## FY22 Gulf Intracoastal Waterway - Matagorda Bay to Corpus Christi Bay



Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,



### Upcoming Contracts

- Construct BU
- Maintenance Dredging
- New Work Dredging
- PA Improvements

0 3.75 7.5 15 Miles



**LOCATION:** GIWW

**DREDGE TYPE:** Pipeline

**PLACEMENT:** Upland Confined/BU/ Open Water

**QUANTITY:** 800,000 cy

**DEPTH:** 16-ft + 2-ft

**BUSINESS TYPE:** TBD

**ADVERTISE:** 01/13/22

**BID OPENING:** 02/15/22

**COMMENCE DREDGING:** 04/18/22

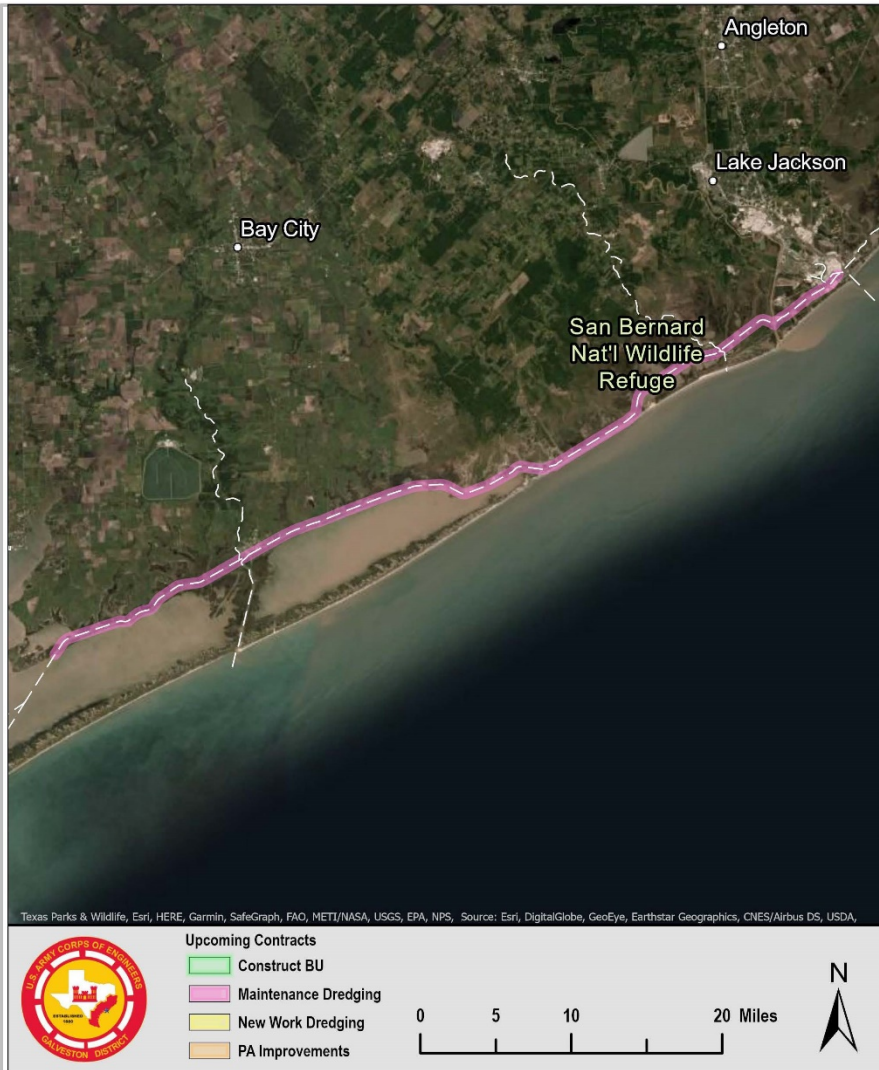
**DREDGE COMPLETE:** 10/01/22

**WORK RESTRICTIONS/WINDOW:**

Whooping Crane NO work  
15 OCT - 14 APR



## FY22 Gulf Intracoastal Waterway - Freeport to Upper Matagorda Bay



**LOCATION:** GIWW

**DREDGE TYPE:** Pipeline

**PLACEMENT:** Upland Confined/BU/Open Water  
Potential beach placement

**QUANTITY:** 1,000,000 cy

**DEPTH:** 17-ft + 1-ft

**BUSINESS TYPE:** TBD

**ADVERTISE:** 07/11/22

**BID OPENING:** 08/10/22

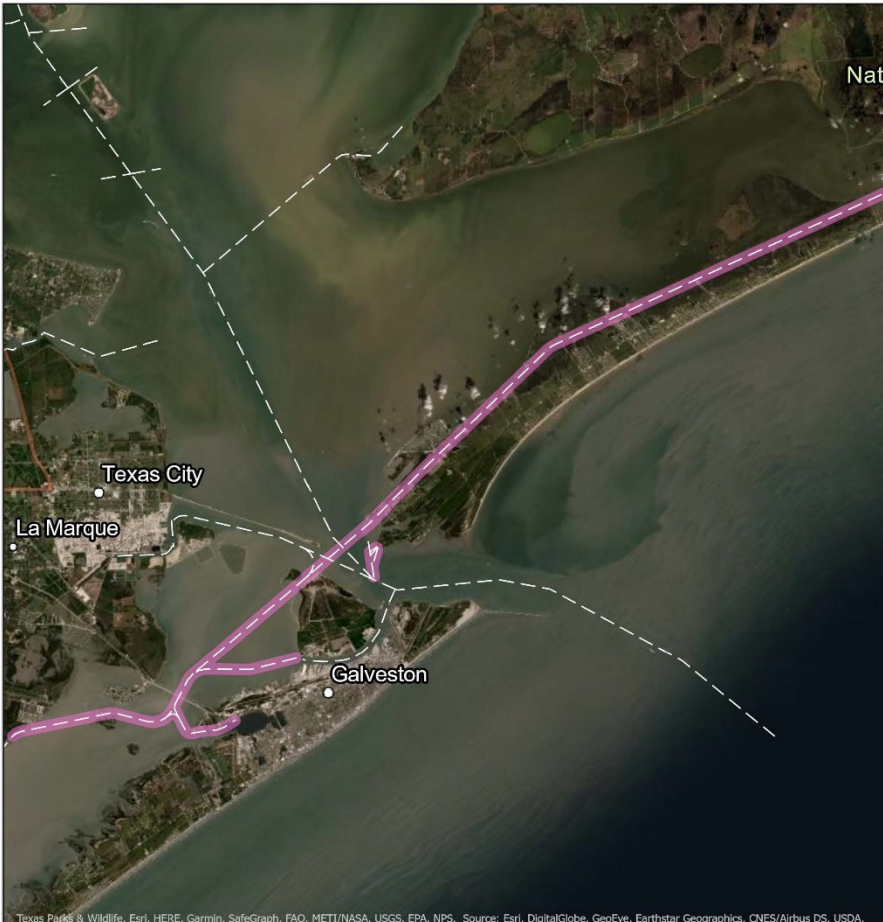
**COMMENCE DREDGING:** 10/08/22

**DREDGE COMPLETE:** 03/15/23

**WORK RESTRICTIONS/WINDOW:** N/A



## FY22 Gulf Intracoastal Waterway - Rollover to Causeway and Channel to Port Bolivar



Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,



### Upcoming Contracts

- █ Construct BU
- █ Maintenance Dredging
- █ New Work Dredging
- █ PA Improvements

0 1.5 3 6 Miles



**LOCATION:** GIWW

**DREDGE TYPE:** Pipeline

**PLACEMENT:** Upland/BU/Open Water  
Potential Marsh Work

**QUANTITY:** 800,000 cy

**DEPTH:** 17-ft + 1-ft

**BUSINESS TYPE:** TBD

**ADVERTISE:** 07/18/22

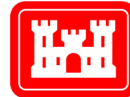
**BID OPENING:** 08/17/22

**COMMENCE DREDGING:**

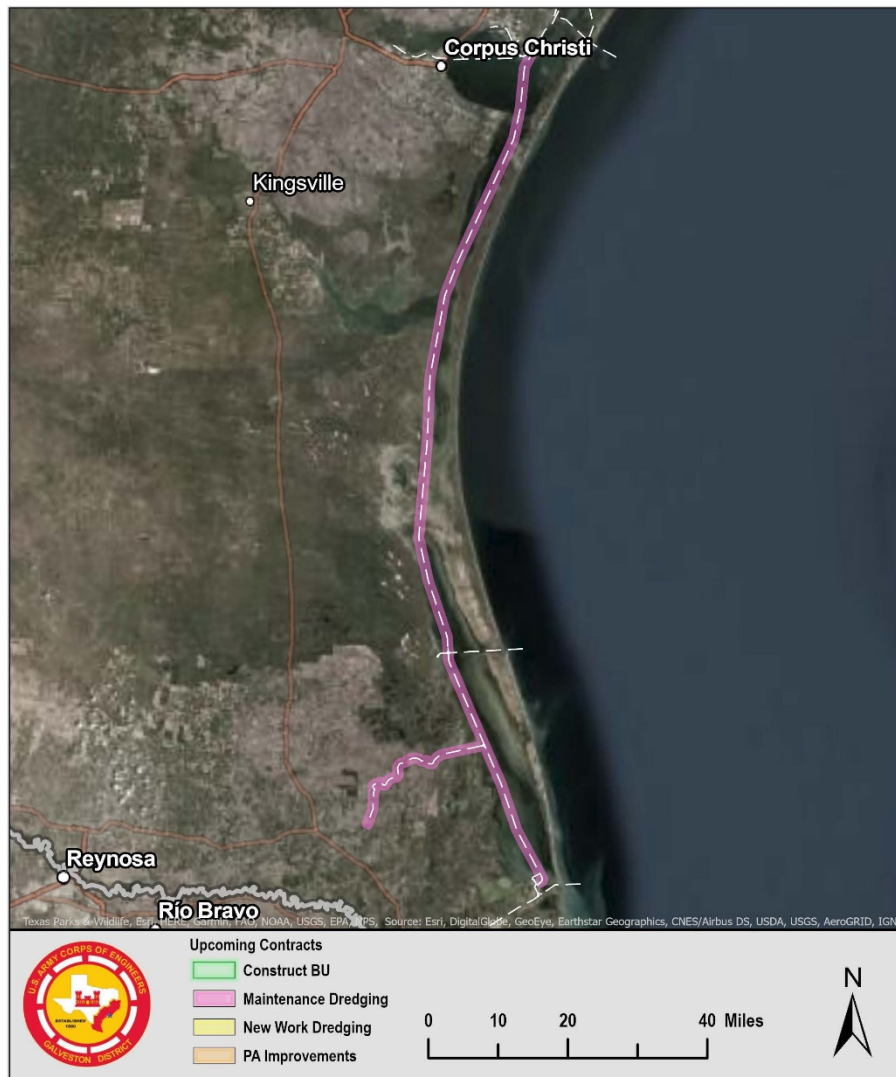
**DREDGE COMPLETE:**

**WORK RESTRICTIONS/WINDOW:**

N/A if observers are used



## FY22 Gulf Intracoastal Waterway - Corpus Christi Bay to Port Isabel / Channel to Harlingen



**LOCATION:** GIWW

**DREDGE TYPE:** Pipeline

**PLACEMENT:** Upland Confined/ BU/Open Water

**QUANTITY:** 1,400,000 cy

**DEPTH:** 14-ft + 1-ft

**BUSINESS TYPE:** TBD

**ADVERTISE:** 07/26/22

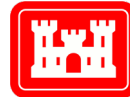
**BID OPENING:** 08/25/22

**COMMENCE DREDGING:** 10/23/22

**DREDGE COMPLETE:** 05/03/23

**WORK RESTRICTIONS/WINDOW:**

SAV - Closed Mar 01 - Oct 31



## FY22 Gulf Intracoastal Waterway - PA Improvements (Freeport to Matagorda Bay)



Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,



### Upcoming Contracts

- Construct BU
- Maintenance Dredging
- New Work Dredging
- PA Improvements

0 2.5 5 10 Miles



**LOCATION:** GIWW

**DREDGE TYPE:** N/A

**PLACEMENT:** N/A

**QUANTITY:**

**DEPTH:** N/A

**BUSINESS TYPE:** TBD

**ADVERTISE:** 01/11/22

**BID OPENING:** 02/10/22

**COMMENCE WORK:** 04/06/22

**COMPLETE WORK:** 09/09/22

**WORK RESTRICTIONS/WINDOW:** N/A



## FY22 Gulf Intracoastal Waterway - PA Improvements (Matagorda to Corpus Christi)



Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA,



### Upcoming Contracts

- Construct BU
- Maintenance Dredging
- New Work Dredging
- PA Improvements

0 2.5 5 10 Miles



**LOCATION:** GIWW

**DREDGE TYPE:** N/A

**PLACEMENT:** N/A

**QUANTITY:** N/A

**DEPTH:** N/A

**BUSINESS TYPE:** TBD

**ADVERTISE:** 01/11/22

**BID OPENING:** 02/10/22

**COMMENCE WORK:** 04/06/22

**COMPLETE WORK:** 09/09/22

**WORK RESTRICTIONS/WINDOW:** N/A