

# FY18 Scheduled Contracts

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Galveston District  
U.S. Army Corps of Engineers  
08 NOV 2017

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**US Army Corps  
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# GALVESTON NAVIGATION CHANNELS





# GALVESTON NAVIGATION OM FUNDING

## FY-17 Execution

President's Budget (less %1)	\$106,737,000
FY-17 Allocation	\$128,037,000
Carry-in	<u>\$ 13,727,000</u>
Available to Obligate	\$141,764,000
Obligated	~\$120,000,000
Percent Execution	~85%

## FY-18 Funding Outlook

President's Budget	\$109,442,000
Carry-in	~\$ 21,000,000
Total Anticipated	\$130,000,000
Additional Workplan	??????





# FY-18 INITIATIVES

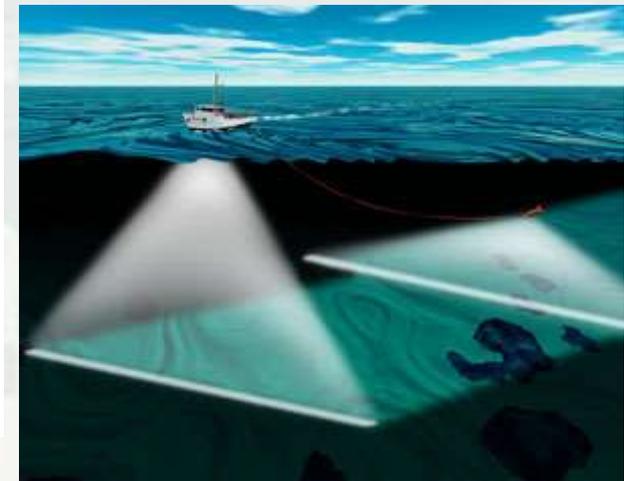
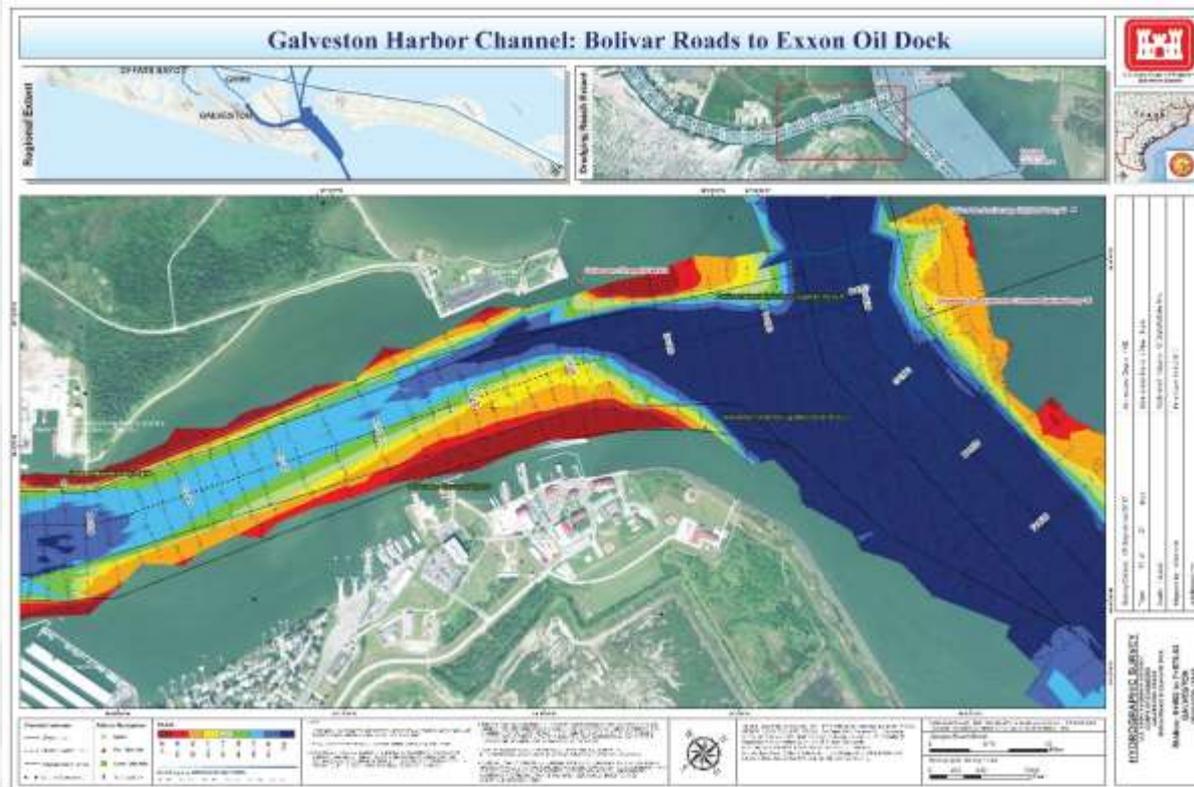
- **Continue Hydrographic Survey Webpage**
  - All six (6) Deep Draft Navigation Complexes & Gulf Intracoastal Waterway now online
  - <http://www.swg.usace.army.mil/Missions/Navigation.aspx>
- **TCOON Partnership with NOAA**
  - Add Matagorda Ship Channel current meter
  - <https://tidesandcurrents.noaa.gov/map/index.shtml?region=Texas>
- **GIWW Mooring Buoy Re-Spacing & Deployment**
- **Construct non-Federal Placement Area Capacity**
  - Corpus Christi (PA-13)
  - Freeport Harbor (PA-1)
  - Sabine-Neches Waterway (PA-8)



# REPORTING CHANNEL CONDITIONS

## USACE Enterprise Software eHydro

<http://www.swg.usace.army.mil/Missions/Navigation.aspx>



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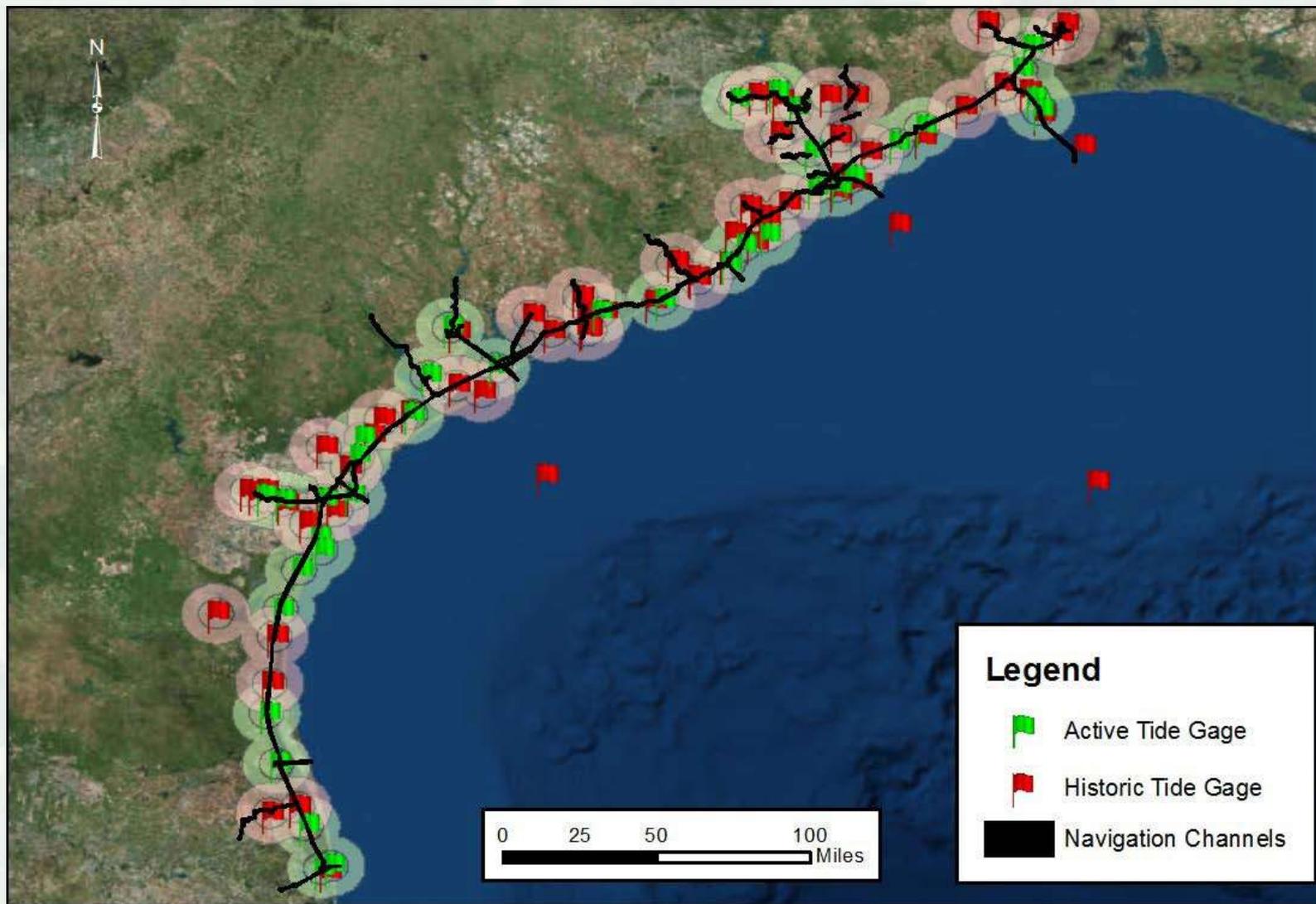


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# GALVESTON DISTRICT – NOAA & CONRAD BLUCHER INSTITUTE FOR SURVEY & SCIENCE



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# DATA COLLECTION PLATFORMS



TCOON Sentinel Platform (Galveston, TX)



TCOON 4-Pile Platform (Packery Channel, TX)





# FY-18 INITIATIVES

- **Continue Hydrographic Survey Webpage**
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  - Corpus Christi (PA-13)
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  - Sabine-Neches Waterway (PA-8)



# Sabine-Neches Waterway

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*Custodians of the Texas Coast*



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# GALVESTON NAVIGATION CHANNELS





# Sabine-Neches Waterway





# SABINE-NECHES WATERWAY – LOWER NECHES, PORT ARTHUR CANAL, TURNING BASIN, JUNCTION AREA AND TAYLORS BAYOU

1 of 2



<b>Project:</b>	Lower Neches, Port Arthur Canal, Turning Basin, Junction & Taylors Bayou
Dredging Depth:	42 ft. Required Depth
Dredging Width:	400 - 1200 ft.
Dredging Length:	Varies
Dredging Quantity:	2,000,000 cubic yards
Material Type:	Silt/Clay
Placement Area:	PA 13 - 17
Distance to Place Area:	1 - 3 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	NA
Reason for Window:	NA
Start Date:	June 28, 2018
Est. Completion Date:	January 26, 2019

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# SABINE-NECHES WATERWAY – LOWER NECHES, PORT ARTHUR CANAL, TURNING BASIN, JUNCTION AREA AND TAYLORS BAYOU

2 of 2



<b>Project:</b>	Lower Neches, Port Arthur Canal, Turning Basin, Junction & Taylors Bayou
Dredging Depth:	42 ft. Required Depth
Dredging Width:	400 - 1200 ft.
Dredging Length:	Varies
Dredging Quantity:	2,000,000 cubic yards
Material Type:	Silt/Clay
Placement Area:	PA 8 and PA 9
Distance to Place Area:	1.5 - 2 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	NA
Reason for Window:	NA
Start Date:	June 28, 2018
Est. Completion Date:	January 26, 2019





# SABINE-NECHES WATERWAY OUTER BAR AND BANK CHANNEL



<b>Project:</b>	<b>Sabine Neches Waterway Outer Bar and Bank Channel</b>
Dredging Depth:	44 ft. Required Depth
Dredging Width:	800 ft.
Dredging Length:	Varies
Dredging Quantity:	3,000,000 cubic yards
Material Type:	Silt/Clay
Placement Area:	Offshore
Distance to Placement Area:	3 Mile Avg.
Type of Equipment:	Hopper
Env. Window	NA
Reason for Window:	NA
Start Date:	July 11, 2018
Est. Completion Date:	November 10, 2018





# SHALLOW DRAFT – GIWW TRIBUTARIES CHOCOLATE BAYOU



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# Chocolate Bayou

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# GALVESTON NAVIGATION CHANNELS





# CHOCOLATE BAYOU



<b>Project:</b>	<b>Chocolate Bayou</b>
Dredging Depth:	15 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	700,000 cubic yards
Material Type:	Silt/Sand
Placement Area:	BU / Upland Confined
Distance to Placement Area:	1.5 Mile Avg.
Type of Equipment:	Pipeline Dredge
Env. Window:	1 March – 31 August
Reason for Window:	Nesting birds at BU Site
Start Date:	June 11, 2018
Est. Completion Date:	February 6, 2019



# Galveston Harbor and Channel & Houston Ship Channel

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# GALVESTON NAVIGATION CHANNELS





# HOUSTON SHIP CHANNEL – GALVESTON HARBOR TEXAS CITY SHIP CHANNEL



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# GALVESTON HARBOR

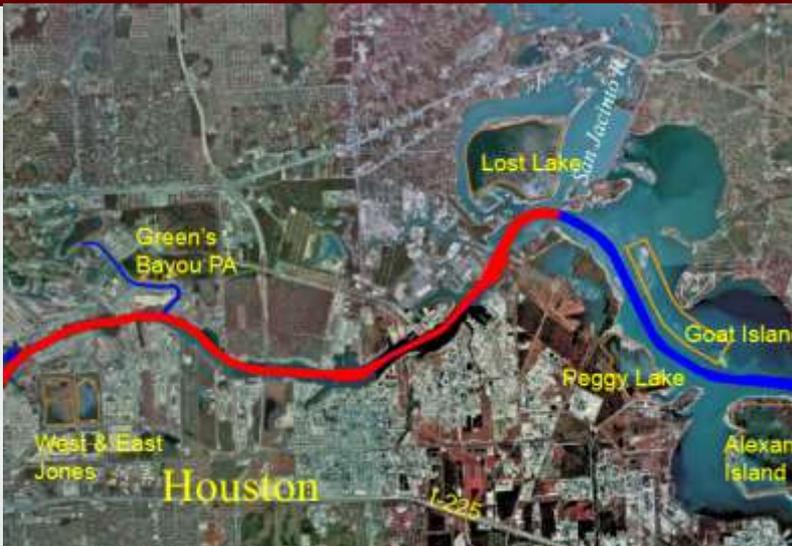


<b>Project:</b>	<b>Galveston Harbor Channel</b>
Dredging Depth:	41 - 46 ft. Required Depth
Dredging Width:	Varies
Dredging Length:	Varies
Dredging Quantity:	2,000,000 cubic yards
Material Type:	Silt
Placement Area:	Offshore
Distance to Place Area:	8 Miles Avg.
Type of Equipment:	Hopper Dredge
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	September 9, 2018
Est. Completion Date:	December 28, 2018





# HOUSTON SHIP CHANNEL – CARPENTERS BAYOU TO SIMS BAYOU EMERGENCY DREDGING



<b>Project:</b>	<b>Houston Ship Channel Carpenters Bayou to Sims Bayou Emergency Dredging</b>
<b>Dredging Depth:</b>	48 ft./43 ft. Required Depth
<b>Dredging Width:</b>	300 - 950 ft.
<b>Dredging Length:</b>	Varies
<b>Dredging Quantity:</b>	500,000 cubic yards
<b>Material Type:</b>	Silt
<b>Placement Area:</b>	Lost Lake & Rosa Allen
<b>Distance to Place Area:</b>	5 Miles
<b>Type of Equipment:</b>	Pipeline Dredge
<b>Env. Window:</b>	NA
<b>Reason for Window:</b>	NA
<b>Est. Start Date:</b>	February 10, 2018
<b>Est. Completion Date:</b>	July 30, 2018

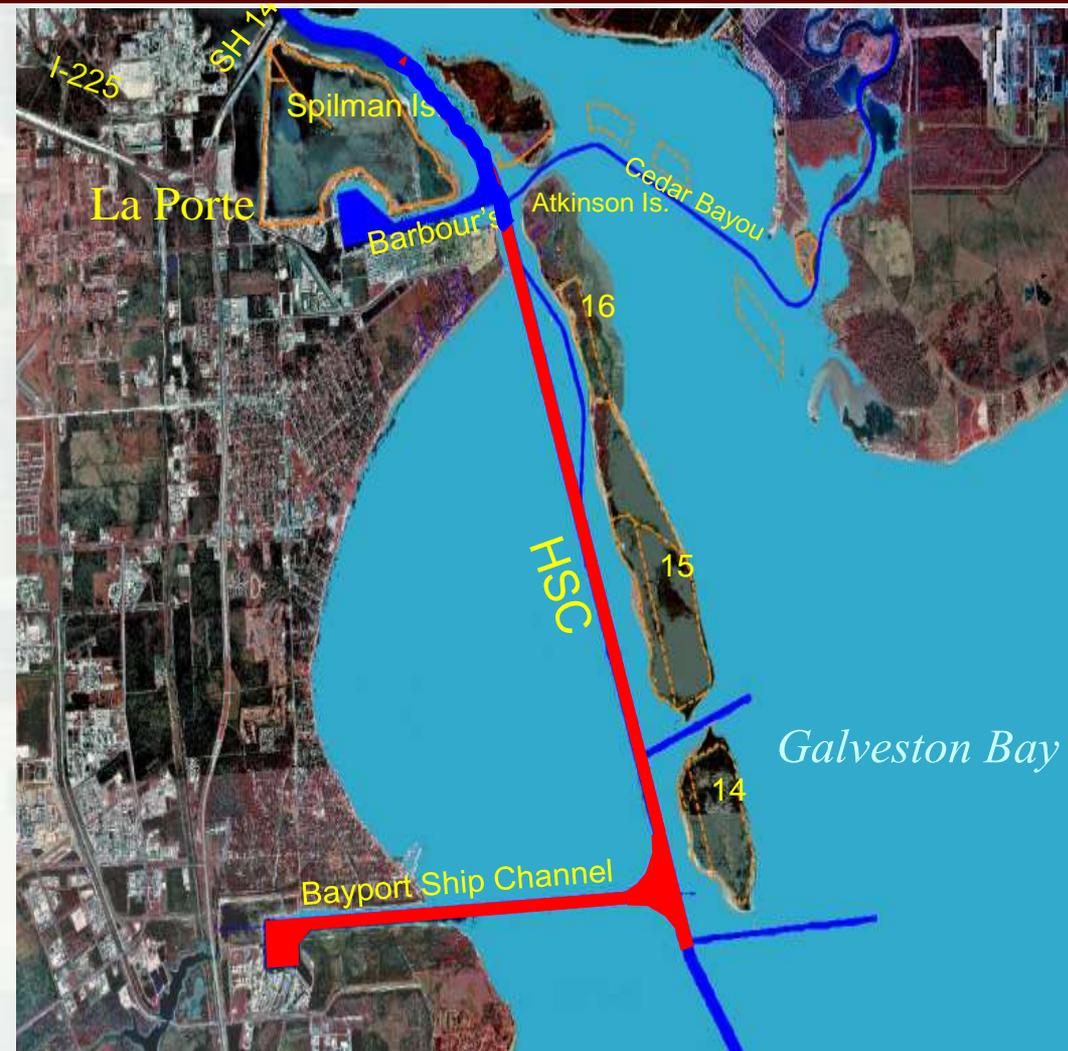
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# HOUSTON SHIP CHANNEL – BAYPORT TO MORGANS AND BAYPORT



<b>Project:</b>	<b>Houston Ship Channel Bayport Flare and Bayport to Morgan's Point</b>
Dredging Depth:	48 ft. Required Depth
Dredging Width:	300 - 530 ft.
Dredging Length:	Varies
Dredging Quantity:	2,000,000 cubic yards
Material Type:	Silt
Placement Area:	PA14 and 15; Marsh Cells
Distance to Place Area:	4 Mile Avg.
Type of Equipment:	Pipeline Dredge
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	August 31, 2018
Est. Completion Date:	May 28, 2019

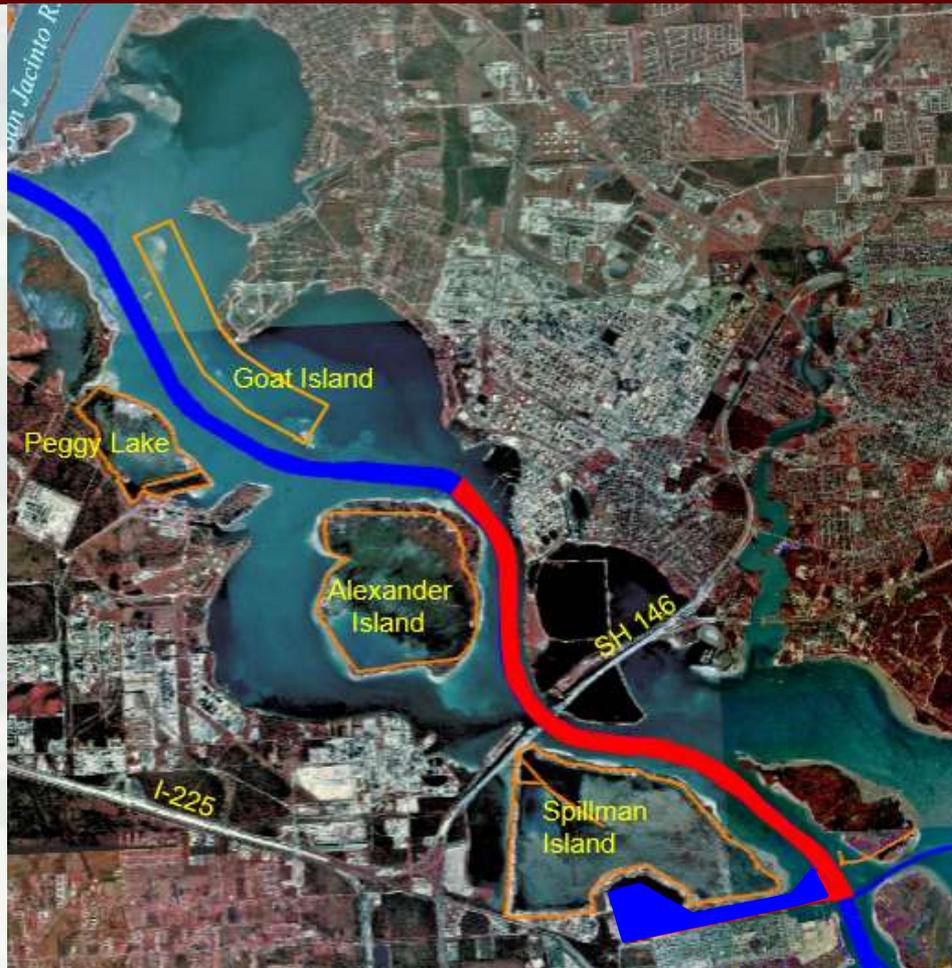
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# HOUSTON SHIP CHANNEL MORGAN'S POINT TO EXXON



<b>Project:</b>	<b>Houston Ship Channel - Morgan's Point to Exxon</b>
Dredging Depth:	48 ft. Required Depth
Dredging Width:	530 – 600 ft.
Dredging Length:	Varies
Dredging Quantity:	1,400,000 cubic yards
Material Type:	Silt
Placement Area:	Alexander Island
Distance to Place Area:	3 Mile Avg.
Type of Equipment:	Pipeline
Env. Window:	NA
Est. Start Date:	October 26, 2018
Est. Completion Date:	July 23, 2019



# Freeport Harbor

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# GALVESTON NAVIGATION CHANNELS





# FREERPORT HARBOR JETTY CHANNEL AND INSIDE CHANNEL



<b>Project:</b>	<b>Freeport Harbor Jetty Channel and Inside Channel</b>
Dredging Depth:	46 ft. Required Depth
Dredging Width:	280 - 1190 ft.
Dredging Length:	Varies
Dredging Quantity:	2,600,000 cubic yards
Material Type:	Sand/Silt
Placement Area:	Offshore
Distance to Place Area:	2.5 Mile Avg.
Type of Equipment:	Hopper
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	July 13, 2018
Est. Completion Date:	November 12, 2018

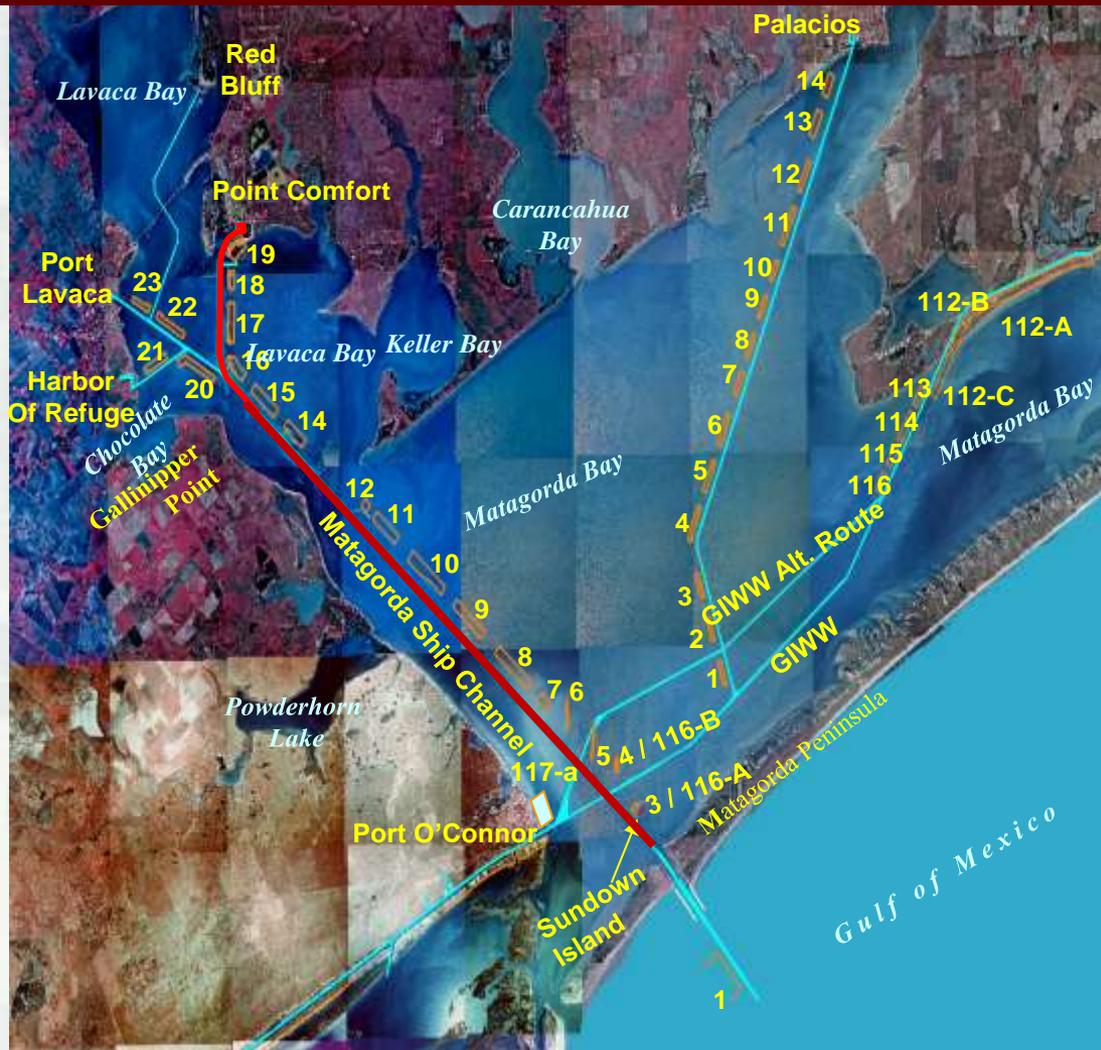
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# MATAGORDA SHIP CHANNEL MATAGORDA PENINSULA TO POINT COMFORT



<b>Project:</b>	<b>Matagorda Ship Channel Matagorda Peninsula to Point Comfort</b>
Dredging Depth:	40 ft. Required Depth
Dredging Width:	200 ft.
Dredging Length:	Varies
Dredging Quantity:	2,000,000 cubic yards
Material Type:	Sand/Silt
Placement Area:	Open Water/Semi Confined
Distance to Place Area:	Varies
Type of Equipment:	Pipeline Dredge
Env. Window:	Sept 1 – Feb 28 (Open)
Reason for Window:	Nesting birds Sundown Is
Est. Start Date:	July 24, 2018
Est. Completion Date:	March 6, 2019

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# Corpus Christi Ship Channel

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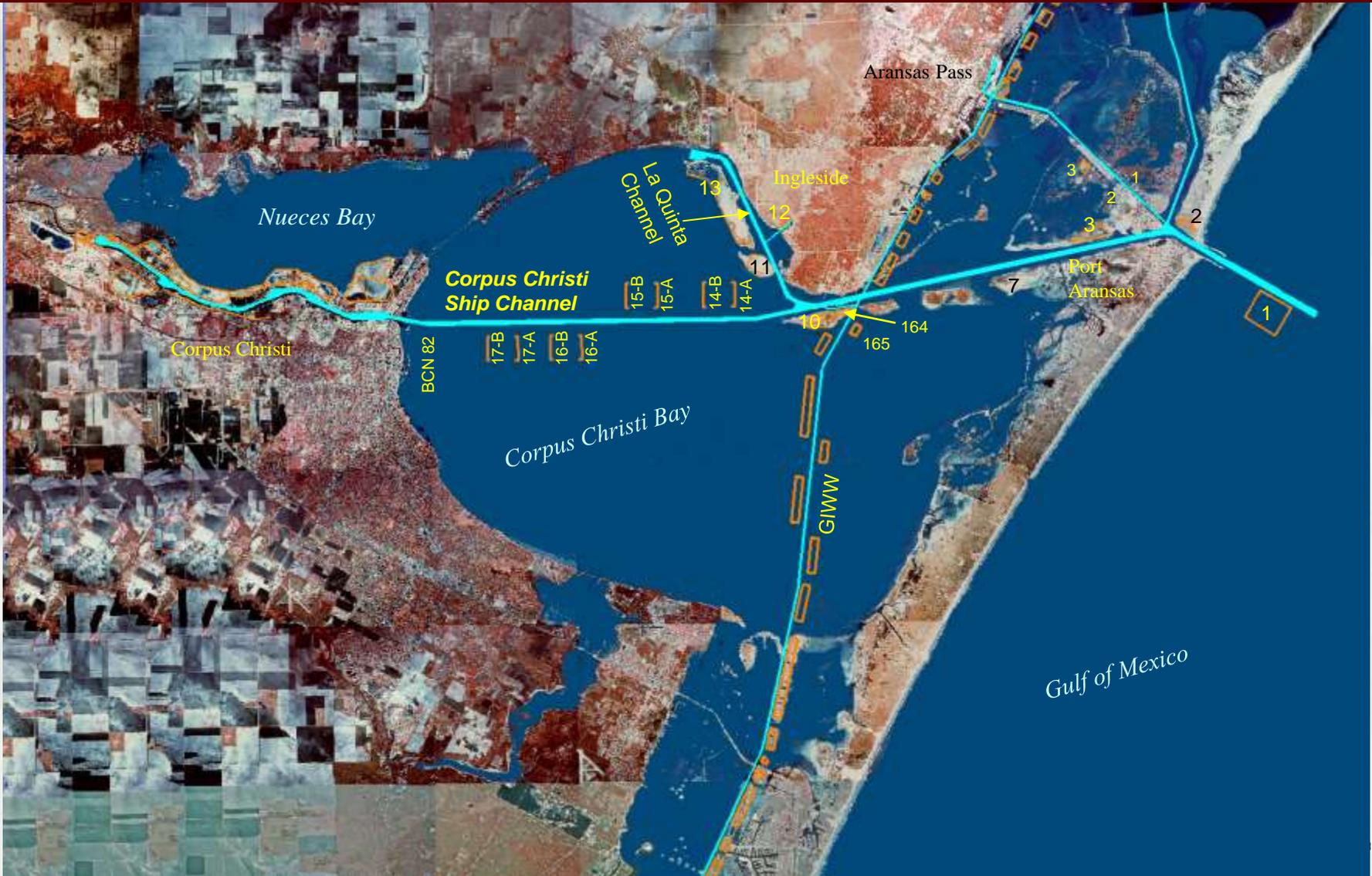


# GALVESTON NAVIGATION CHANNELS





# Corpus Christi Ship Channel





# CORPUS CHRISTI SHIP CHANNEL INNER BASIN TO VIOLA T.B. & LA QUINTA CHANNEL



<b>Project:</b>	Corpus Christi Ship Channel Inner Basin to Viola Turning Basin / La Quinta Channel
Dredging Depth:	49-ft. Required Depth
Dredging Width:	300-400ft.
Dredging Length:	Varies
Dredging Quantity:	2,900,000 cubic yards
Material Type:	Silt / Sand
Placement Area:	Open Water and Upland
Distance to Placement Area:	1-4 Miles
Type of Equipment:	Pipeline Dredge
Env. Window	Sep. – Feb. (Open)
Reason for Window:	Nesting Birds PA 7-8
Start Date:	July 16, 2018
Est. Completion Date:	February 15, 2019



# Channel to Victoria

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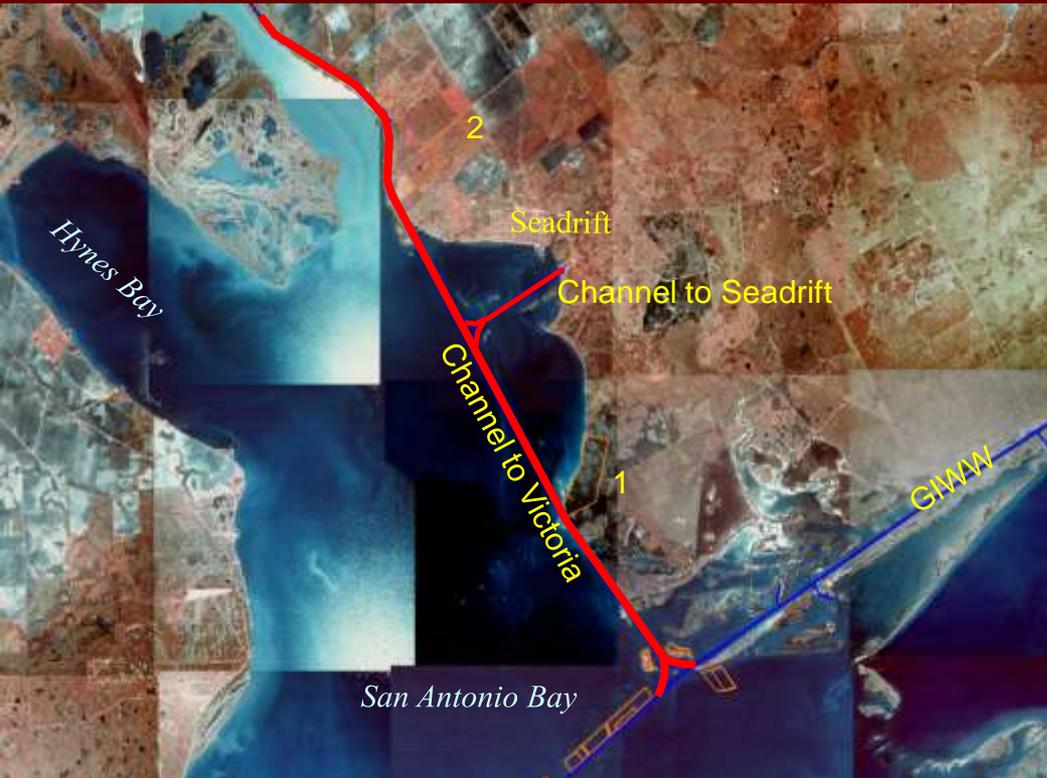


# GALVESTON NAVIGATION CHANNELS





# CHANNEL TO VICTORIA AND CHANNEL TO SEADRIFT



<b>Project:</b>	<b>GIWW, Ch to Victoria Lower Reach, Seadrift</b>
Dredging Depth:	16-ft Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	1,500,000 cubic yards
Material Type:	Silt/Sand
Placement Area (PA):	Upland Confined
Distance to PA:	2.0 Mile (avg.)
Type of Equipment:	Pipeline
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	May 30, 2018
Est. Completion Date:	November 16, 2018



# Brazos Island Harbor

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# GALVESTON NAVIGATION CHANNELS



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# Brazos Island Harbor (Brownsville Harbor)



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## Brazos Island Harbor (BIH) Brownsville Ship Channel





# BRAZOS ISLAND HARBOR JETTY CHANNEL WITH BEACH PLACEMENT



<b>Project:</b>	<b>Brazos Island Harbor Brownsville Jetty Channel</b>
Dredging Depth:	46 ft. Required Depth
Dredging Width:	300 - 400 ft.
Dredging Length:	Varies
Dredging Quantity:	400,000 cubic yards
Material Type:	Sand
Placement Area:	Beach/BU
Distance to Place Area:	1-5 Miles Avg.
Type of Equipment:	Hopper/Pipeline
Env. Window:	1 Oct- 14Mar
Reason for Window:	Turtle/Tourism
Est. Start Date:	February 2, 2018; September 27, 2018
Est. Completion Date:	March 31, 2018 November 26, 2018

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# Gulf Intracoastal Waterway, Texas

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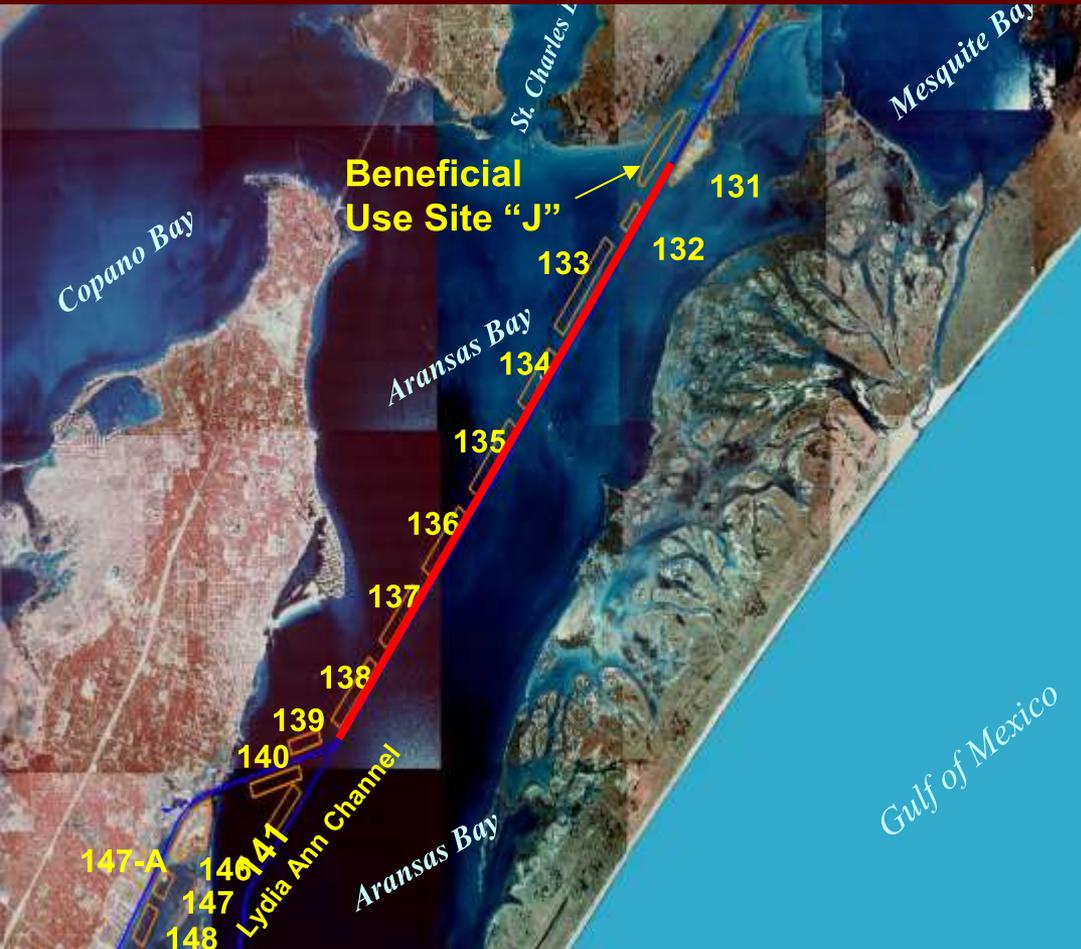
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# GULF INTRACOASTAL WATERWAY CHANNEL ACROSS ARANSAS BAY



<b>Project:</b>	<b>Gulf Intracoastal Waterway Channel Across Aransas Bay</b>
Dredging Depth:	14-16 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	1,200,000 cubic yards
Material Type:	Sand/Silt
Placement Area:	Open / BU
Distance to Place Area:	1 Mile Avg.
Type of Equipment:	Pipeline
Env. Window:	April thru Oct
Reason for Window:	Whooping Crane/Nesting Birds
Est. Start Date:	March 3, 2018
Est. Completion Date:	October 14, 2018

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# GULF INTRACOASTAL WATERWAY – FREEPORT TO CANEY CREEK, BRAZOS RIVER CROSSING

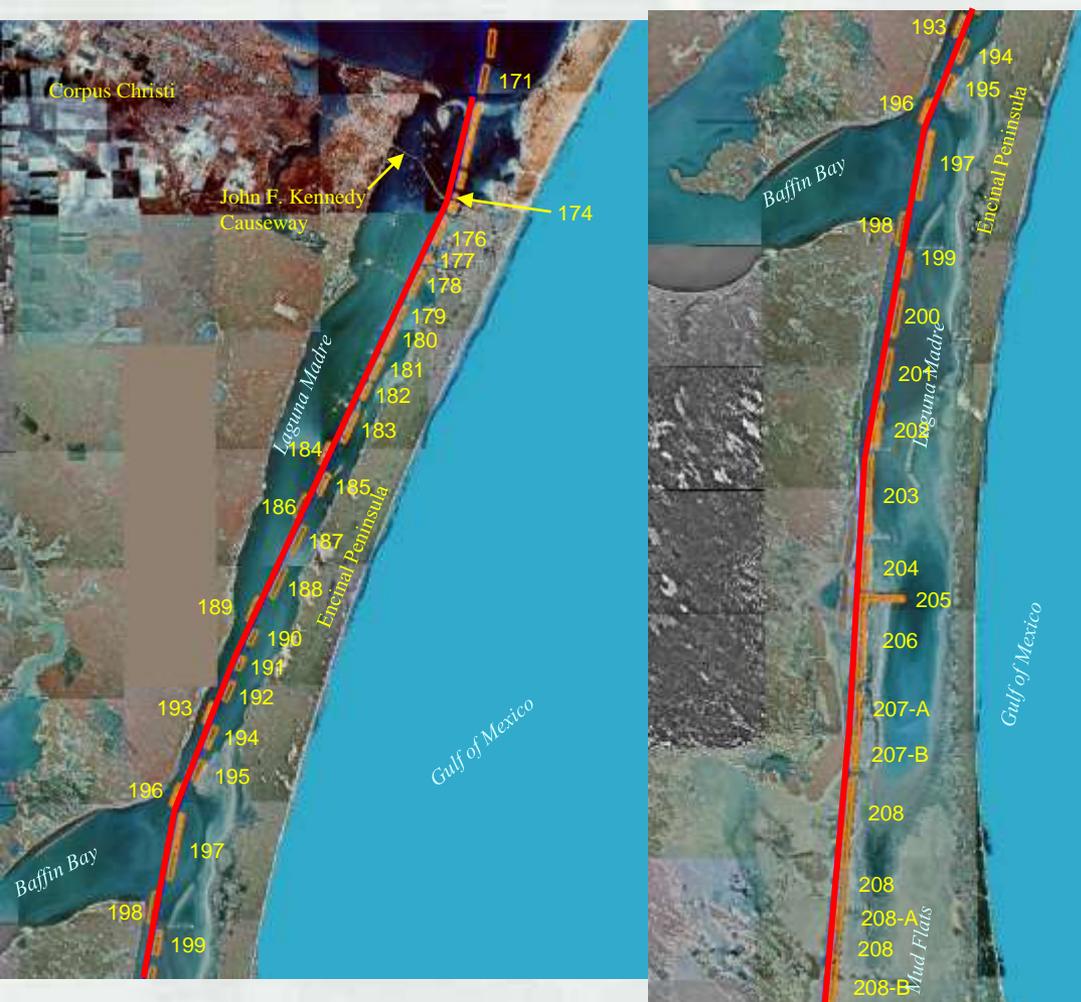


<b>Project:</b>	<b>Gulf Intracoastal Waterway Freeport to Caney Creek, Brazos River Crossing</b>
Dredging Depth:	13-15 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	600,000 cubic yards
Material Type:	Sand/Silt
Placement Area:	Open / BU
Distance to Place Area:	1 Mile Avg.
Type of Equipment:	Pipeline
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	May 29, 2018
Est. Completion Date:	September 29, 2018





# GULF INTRACOASTAL WATERWAY CORPUS CHRISTI TO PORT ISABEL/ CHANNEL TO HARLINGEN

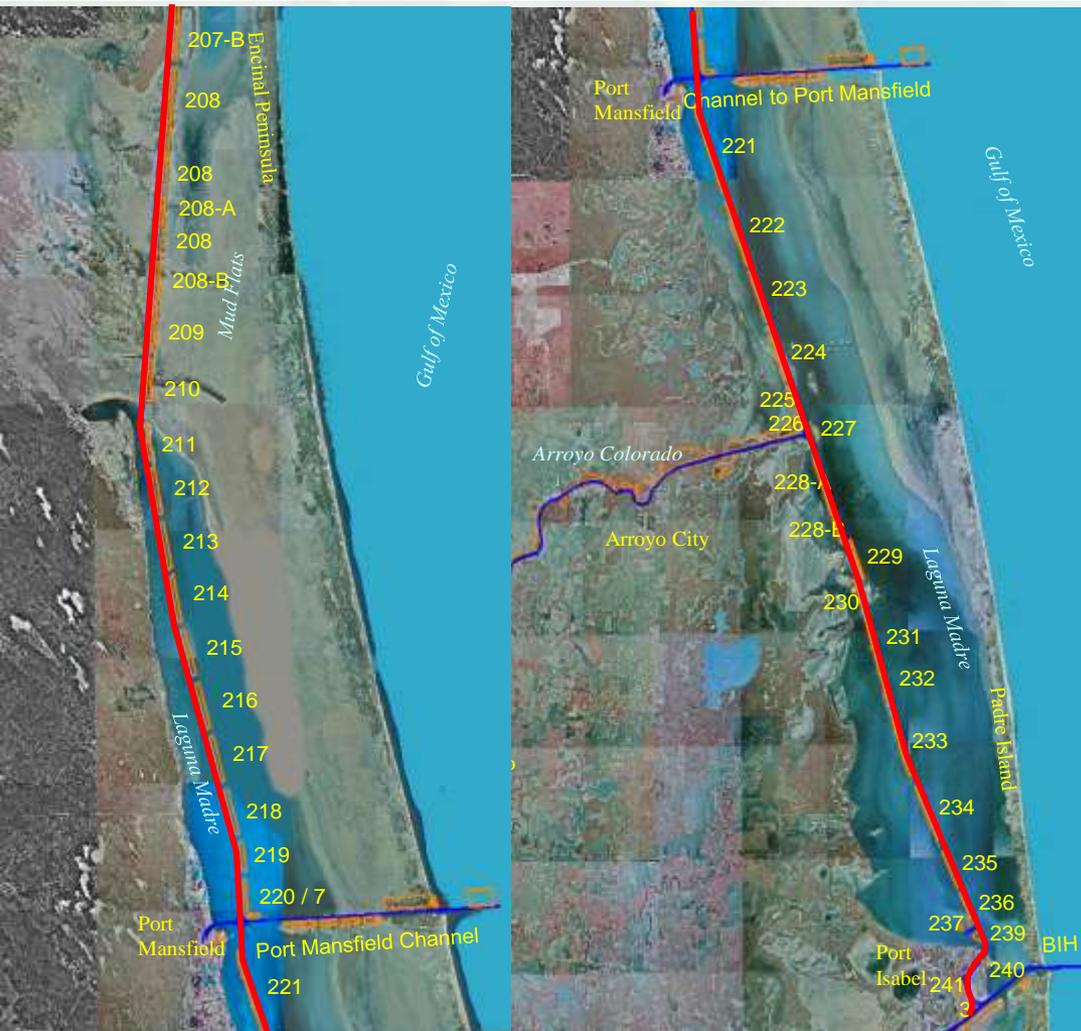


<b>Project:</b>	<b>Gulf Intracoastal Waterway Corpus Christi to Port Isabel/ Channel to Harlingen</b>
Dredging Depth:	14 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	1,500,000 cubic yards
Material Type:	Fine Silt/Sand
Placement Area:	Open/BU Sites
Distance to Placement Area:	3 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	1 Nov. - 28 Feb.
Reason for Window:	Seagrass
Est. Start Date:	July 29, 2018
Est. Completion Date:	February 28, 2019





# GULF INTRACOASTAL WATERWAY CORPUS CHRISTI TO PORT ISABEL/ CHANNEL TO HARLINGEN



<b>Project:</b>	<b>Gulf Intracoastal Waterway Corpus Christi to Port Isabel/ Channel to Harlingen</b>
Dredging Depth:	14 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	1,500,000 cubic yards
Material Type:	Fine Silt/Sand
Placement Area:	Open/BU Sites
Distance to Placement Area:	3 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	1 Nov. - 28 Feb.
Reason for Window:	Seagrass
Est. Start Date:	July 29, 2018
Est. Completion Date:	February 28, 2019

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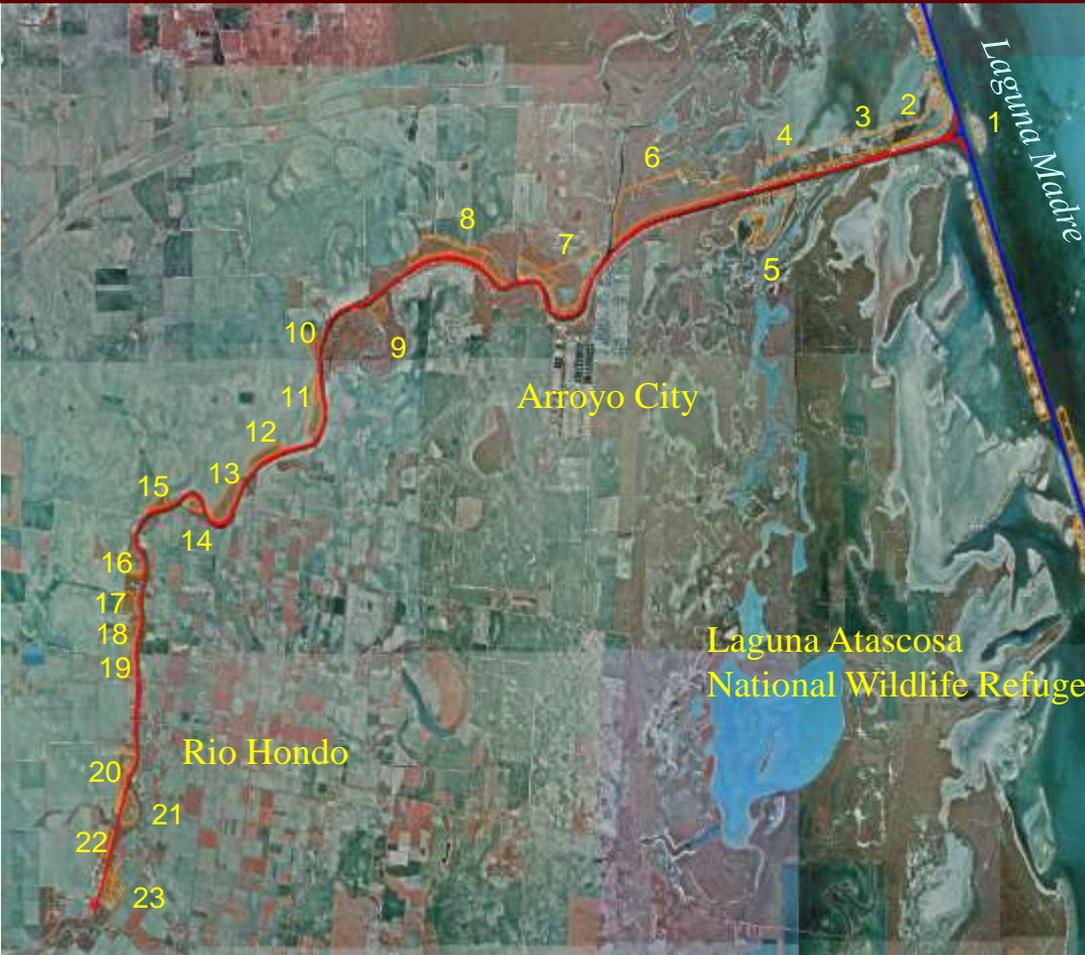


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# GULF INTRACOASTAL WATERWAY CORPUS CHRISTI TO PORT ISABEL/ CHANNEL TO HARLINGEN

3 OF 3



<b>Project:</b>	<b>Channel to Harlingen</b>
Dredging Depth:	14 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	1,500,000 cubic yards
Material Type:	Fine Silt/Sand
Placement Area:	Upland
Distance to Placement Area:	3 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	1 Mar. – 31 Aug.
Reason for Window:	Nesting Birds
Est. Start Date:	July 29, 2018
Est. Completion Date:	February 28, 2019

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# GULF INTRACOASTAL WATERWAY - ROLLOVER PASS TO GALVESTON CAUSEWAY & BOLIVAR FLARE



<b>Project:</b>	<b>Gulf Intracoastal Waterway Rollover to Causeway &amp; Bolivar Flare</b>
Dredging Depth:	15 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	800,000 cubic yards
Material Type:	Fine Sand/Silt
Placement Area:	Upland/Open Water/BU
Distance to Place Area:	2.0 Mile Avg.
Type of Equipment:	Pipeline
Env. Window:	N/A
Reason for Window:	N/A
Est. Start Date:	September 19, 2018
Est. Completion Date:	January 16, 2019

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# Cedar Bayou

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# SHALLOW DRAFT TRIBUTARIES FY18 CONTRACT SCHEDULE



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# HOUSTON SHIP CHANNEL TRIBUTARIES CEDAR BAYOU



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# CEDAR BAYOU



<b>Project:</b>	<b>Cedar Bayou</b>
Dredging Depth:	12 ft. Required Depth
Dredging Width:	100 ft.
Dredging Length:	Varies
Dredging Quantity:	680,000 cubic yards
Material Type:	Silt/Sand
Placement Area:	Open water
Distance to Placement Area:	4 Mile Avg.
Type of Equipment:	Pipeline Dredge
Env. Window:	NA
Reason for Window:	NA
Start Date:	November 1, 2018
Est. Completion Date:	February 12, 2019



# Questions Comments?



For more information, contact:

**Chris Frabotta**  
**Chief, Navigation Branch**

**Navigation Branch, Operations Division**  
**U.S. Army Corps of Engineers, Galveston**  
**409-766-3071**  
**[christopher.c.frabotta@usace.army.mil](mailto:christopher.c.frabotta@usace.army.mil)**

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