

FY-15 Scheduled Contracts

FY-16 Planned Contracts

Christopher Frabotta

Deputy Chief, Operations Division /

Chief, Navigation Branch

Southwestern Division - Galveston District

23 October 2014

Galveston District – Dredging Meeting

Custodians of the Texas Coast



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GALVESTON NAVIGATION OM FUNDING

FY-14 Execution

President's Budget	\$116,460,000
FY-14 Allocation	\$127,861,000
Carry-in	<u>\$ 3,368,000</u>
Available to Obligate	\$131,229,000

Obligated \$115,490,000

Percent Execution 88.0%

FY-15 Funding Outlook

President's Budget	\$113,351,000
Carry-in	\$ 15,739,000
Total Anticipated	\$129,090,000





FY-15 INITIATIVES

- Hydrographic Survey Webpage
- EPA Ocean Disposal Coordination
- Implement Vertical Datum Conversion
- New Contracting Acquisition Methods
- Deep Draft Set-Back Policy
- Re-energize Interagency Coordination Team (ICT)
- Preliminary Assessments & DMMPs



Operations Managers



OPERATIONS MANAGERS

Paula Wise

Tricia Campbell

CPT Robert Burnham

Seth Jones

George Dabney

Eric Russek



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Corpus Christi Ship Channel Sabine-Neches Waterway Texas City Channel

Paula Rankin Wise
Operations Manager
Navigation Branch
23 October 2014

Galveston District – Dredging Meeting
Custodians of the Texas Coast

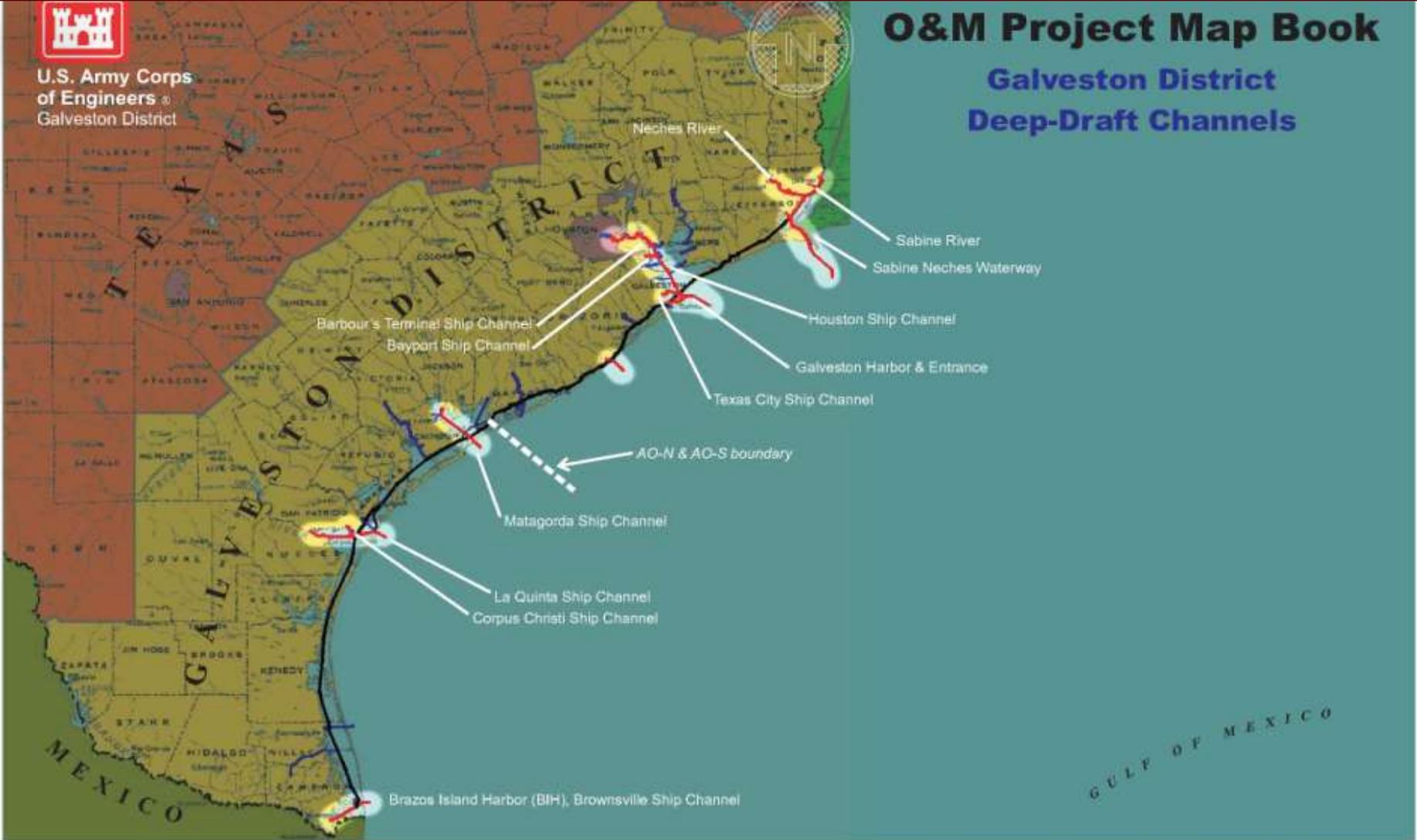


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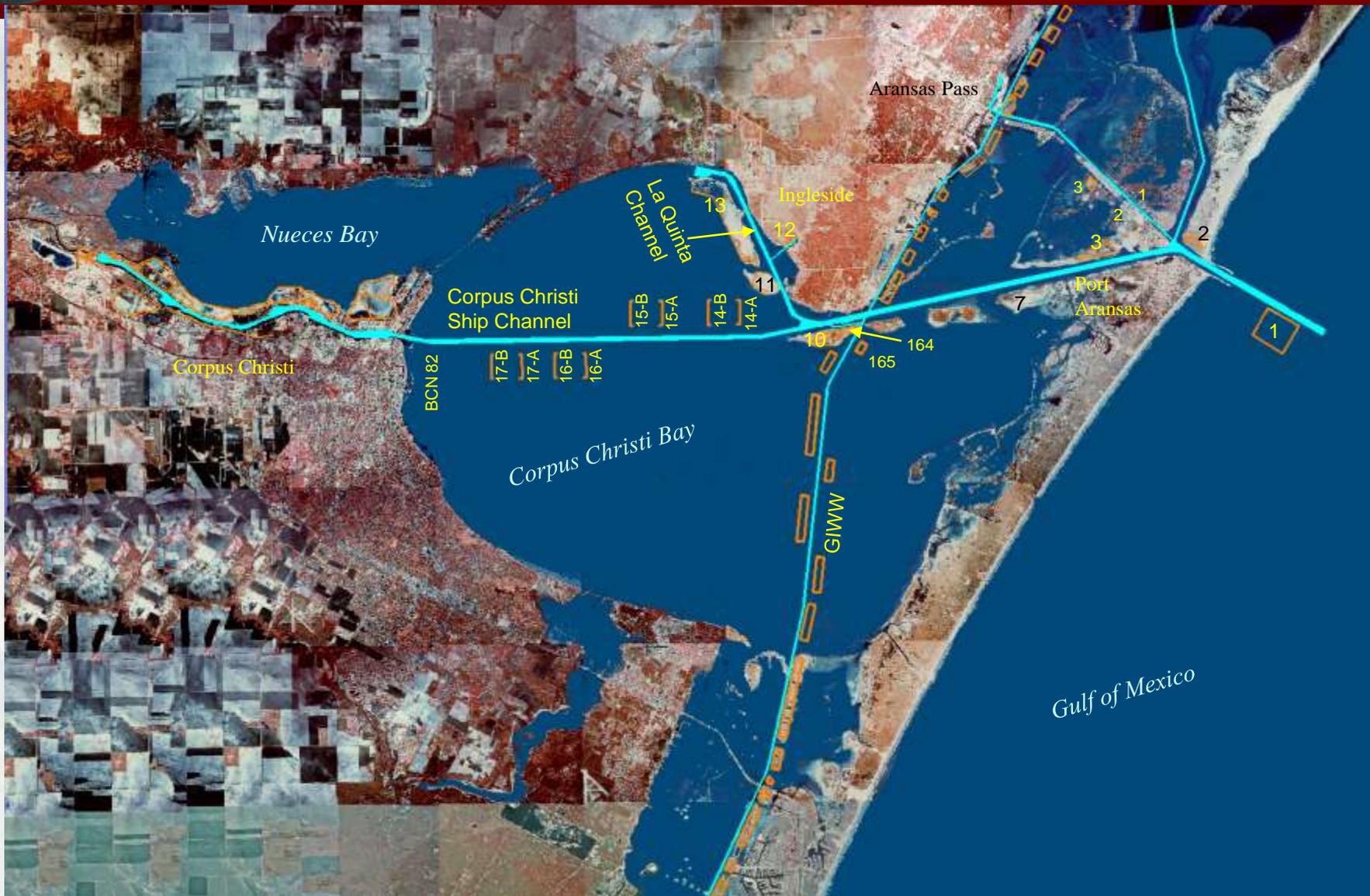


Galveston District – Navigation Channels





Corpus Christi Ship Channel



FY 2015 Contracts

Corpus Christi Ship Channel

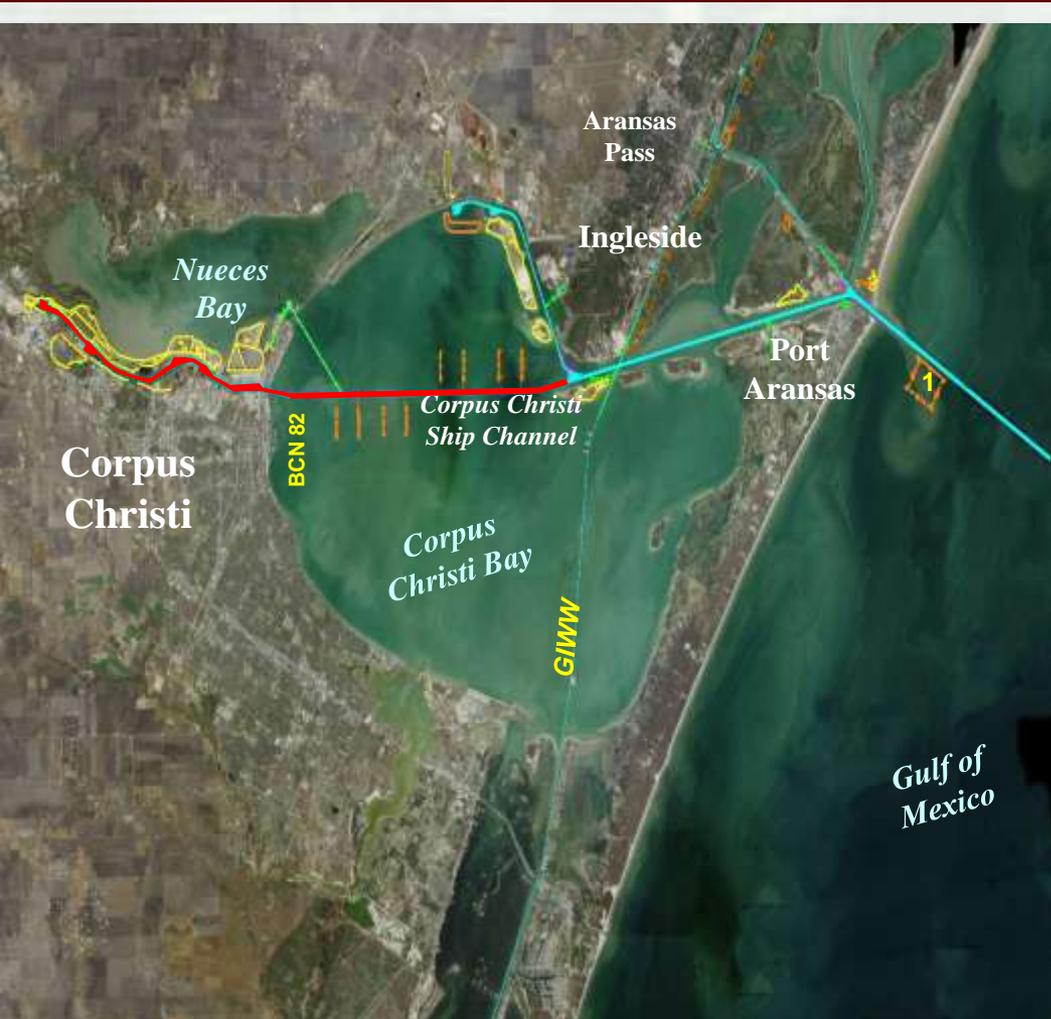
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CORPUS CHRISTI SHIP CHANNEL INNER BASIN TO VIOLA TURNING BASIN



Project:	Corpus Christi Ship Channel Inner Basin to Viola Turning Basin
Dredging Depth:	47 – 51 ft. Required Depth
Dredging Width:	600 – 1559 ft.
Dredging Length:	Varies
Dredging Quantity:	TBD
Material Type:	Silt / Sand
Placement Area:	Open Water and Upland
Distance to Placement Area:	1-4 Miles
Type of Equipment:	Pipeline Dredge
Env. Window (Avoidance Period)	March - November
Reason for Window:	Turtles and Nesting Birds
Start Date:	May 18, 2015
Est. Completion Date:	October 28, 2015

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FY 2016 Contracts

Corpus Christi Ship Channel

Galveston District – Dredging Meeting - Custodians of the Texas Coast



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CORPUS CHRISTI SHIP CHANNEL INNER BASIN TO BEACON 82



Project:	Corpus Christi Ship Channel Inner Basin to Beacon 82
Dredging Depth:	47 – 51 ft. Required Depth
Dredging Width:	600 – 1559 ft.
Dredging Length:	Varies
Dredging Quantity: (Est.)	2,000,000
Material Type:	Silt / Sand
Placement Area:	Open Water and Upland
Distance to Placement Area:	1-4 Miles
Type of Equipment:	Pipeline Dredge
Env. Window (Avoidance Period)	March - November
Reason for Window:	Turtles and Nesting Birds
Award:	January 2016

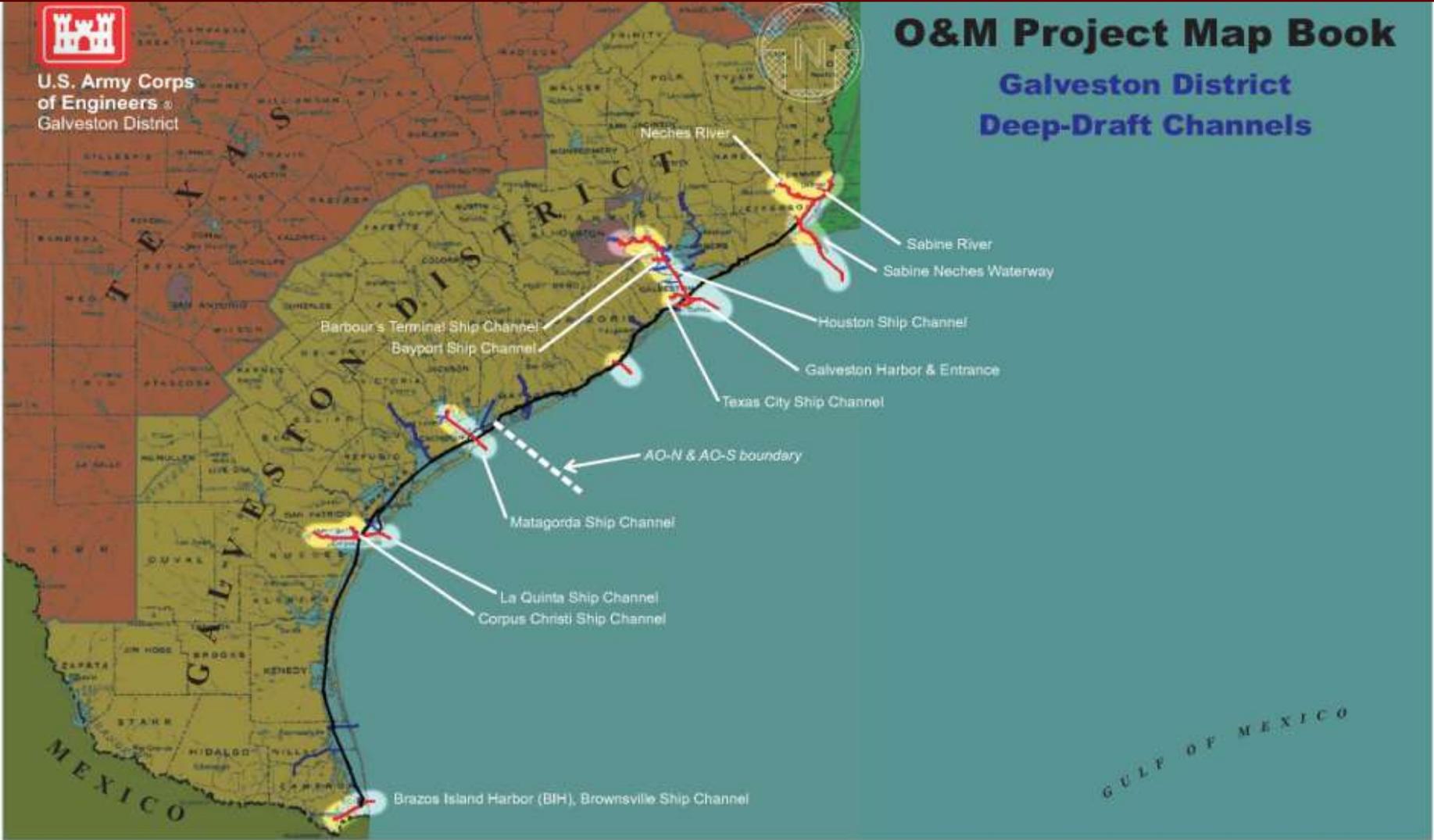
Galveston District – Dredging Meeting - Custodians of the Texas Coast



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Galveston District – Navigation Channels





Sabine-Neches Waterway



FY 2015 Contracts

Sabine-Neches Waterway

Galveston District – Dredging Meeting - Custodians of the Texas Coast



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SABINE-NECHES WATERWAY SABINE PASS CHANNEL



Project:	Sabine-Neches Waterway Sabine Pass Channel
Dredging Depth:	42 ft. Required Depth
Dredging Width:	500 - 1150 ft.
Dredging Length:	Varies
Dredging Quantity:	1,700,000 cubic yards
Material Type:	Silt/Sand
Placement Area:	PA 5C
Distance to Place Area:	3.5 Mile Avg.
Type of Equipment:	Pipeline
Env. Window:	NA
Reason for Window:	NA
Start Date:	May 22, 2015
Est. Completion Date:	October 30, 2015





SABINE-NECHES WATERWAY PLACEMENT AREA NO. 8 IMPROVEMENTS



Project:	Sabine-Neches Waterway Placement Area No. 8 Improvements
Type of Work:	Levee Improvements
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	NA
Placement Area:	PA 8
Distance to Placement Area:	NA
Type of Equipment:	Excavators; Dozers; Marsh Buggy
Env. Window:	NA
Reason for Window:	NA
Start Date: (Est.)	July 10, 2015★
Est. Completion Date:	December 21, 2015

★ May be delayed while working on scope of job.



FY 2016 Contracts

Sabine-Neches Waterway

Galveston District – Dredging Meeting - Custodians of the Texas Coast



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



Project:	Sabine-Neches Waterway Port Arthur Canal, Turning Basin, Junction Area and Taylors Bayou
Dredging Depth:	42 ft. Required Depth
Dredging Width:	400 - 1200 ft.
Dredging Length:	Varies
Dredging Quantity:	2,500,000 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
Award:	March 2016





SABINE-NECHES WATERWAY OUTER BAR AND BANK CHANNEL

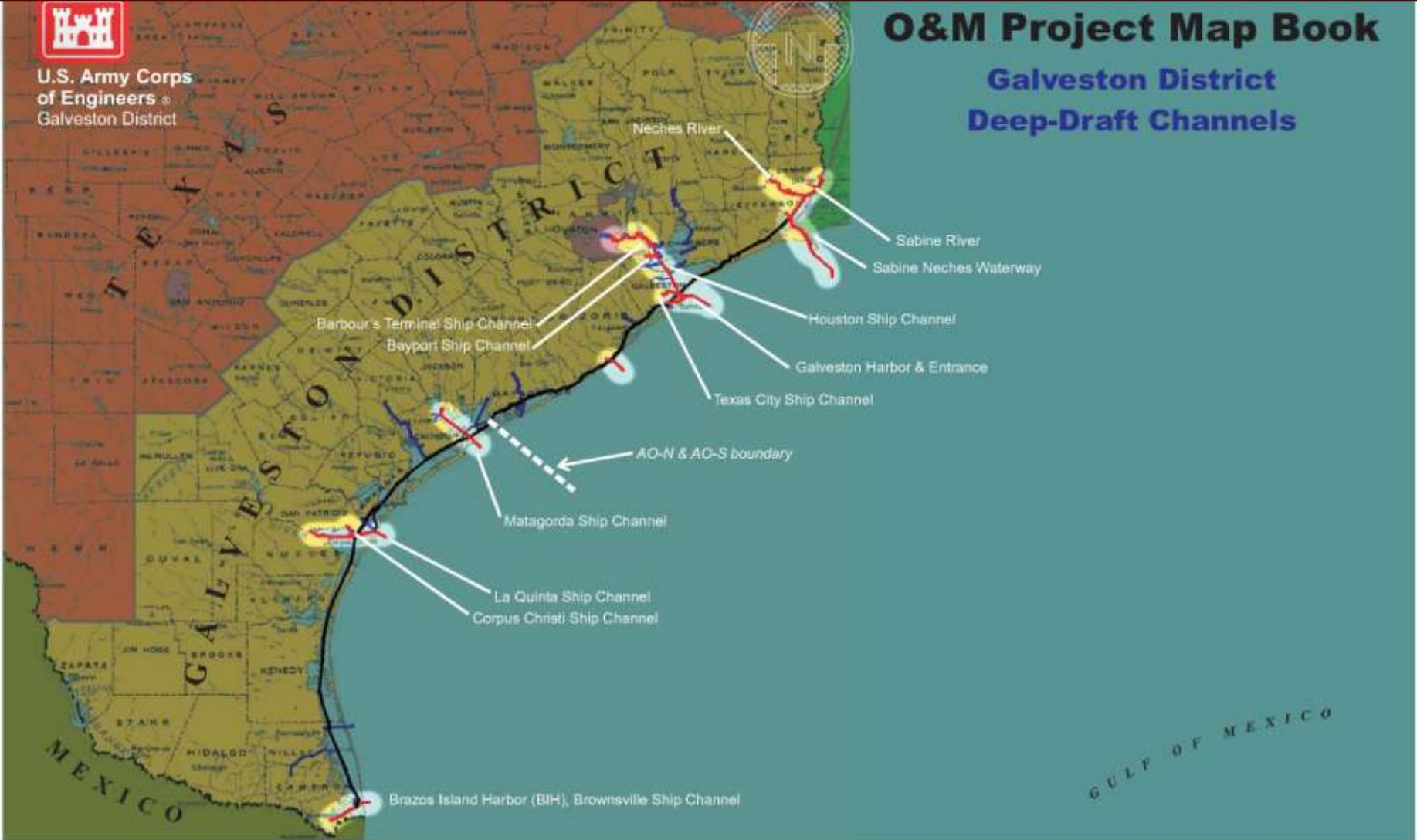


Project:	Sabine Neches Waterway Outer Bar and Bank Channel
Dredging Depth:	44 ft. Required Depth
Dredging Width:	800 ft.
Dredging Length:	Varies
Dredging Quantity:	4,000,000 cubic yards
Material Type:	Silt/Clay
Placement Area:	Offshore
Distance to Placement Area:	3 Mile Avg.
Type of Equipment:	Hopper
Env. Window	April 1 thru Nov. 30
Reason for Window:	Sea Turtles
Award:	March 2016



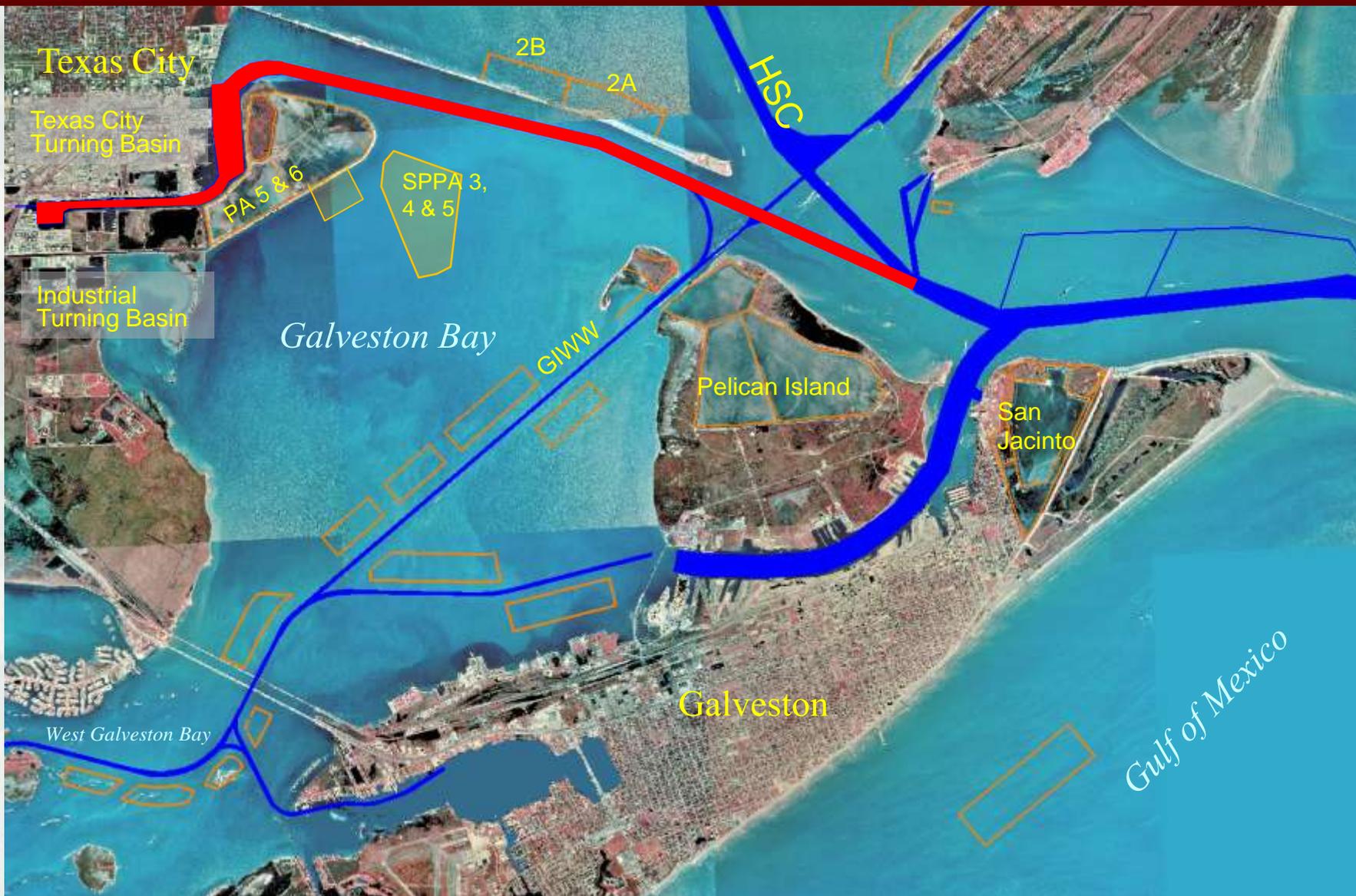


Galveston District – Navigation Channels





Texas City Channel



FY 2016 Contract Texas City Channel

Galveston District – Dredging Meeting - Custodians of the Texas Coast



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TEXAS CITY CHANNEL MAIN CHANNEL AND TURNING BASIN



Project:	Texas City Channel Main Channel and Turning Basin
Dredging Depth:	48 ft. Required Depth
Dredging Width:	400 - 1200 ft.
Dredging Length:	Varies
Dredging Quantity:	1,000,000 cubic yards
Material Type:	Silt/Sand
Placement Areas:	PA 5/6; SPPA's 3, 4, 5
Distance to Place Area:	1 Mile Avg.
Type of Equipment:	Pipeline
Env. Window:	NA
Reason for Window:	NA
Award:	August 2016



Questions Comments?



For more information, contact:

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U.S. Army Corps of Engineers, Galveston

409-766-3948

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Galveston District – Dredging Meeting - Custodians of the Texas Coast



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Galveston Harbor & Channel

Houston Ship Channel

- Barbours Cut
- Bayport Ship Channel
- Greens Bayou

Tricia Campbell, P.E.
Operations Manager
Navigation Branch
23 October 2014

Galveston District – Dredging Meeting

Custodians of the Coast

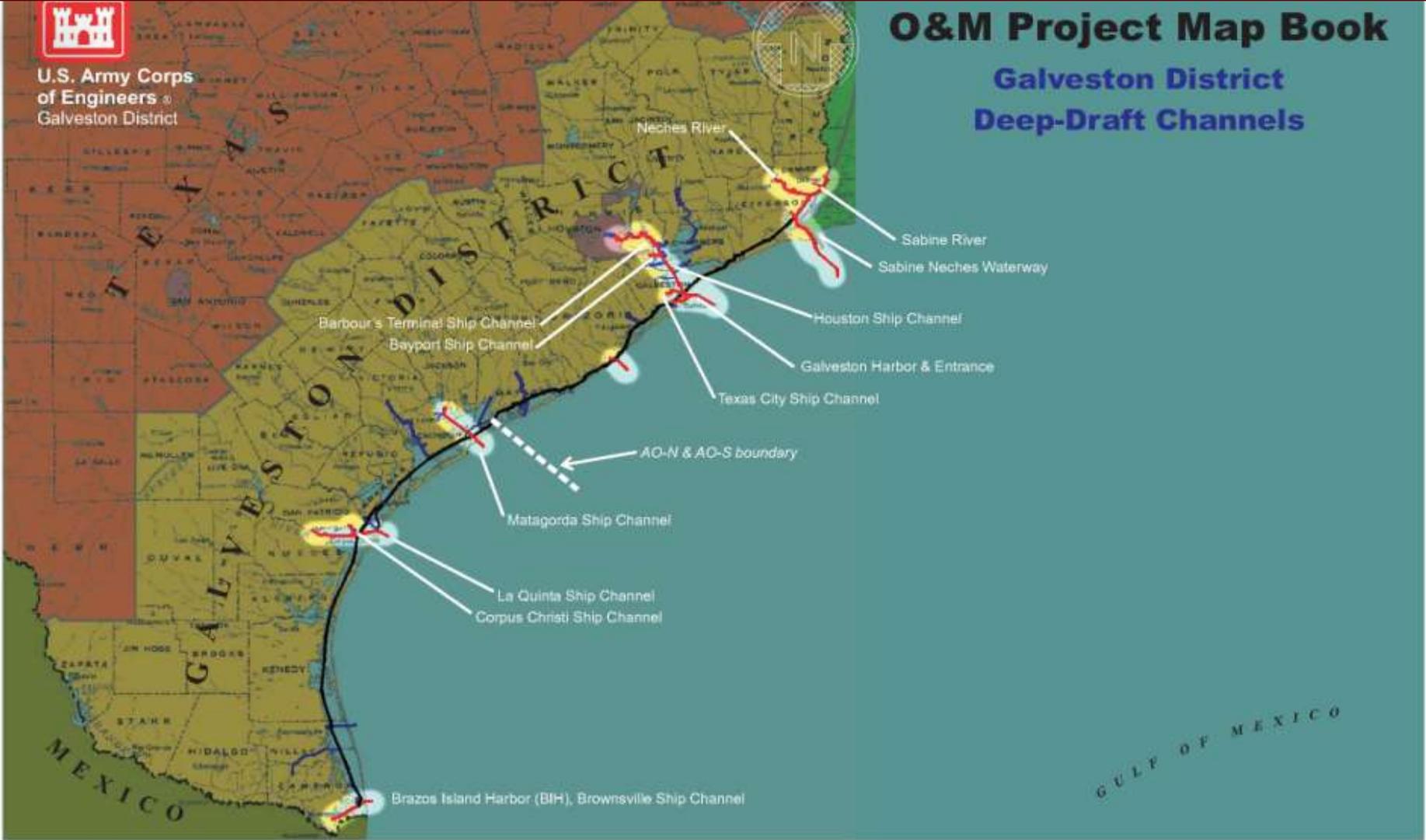


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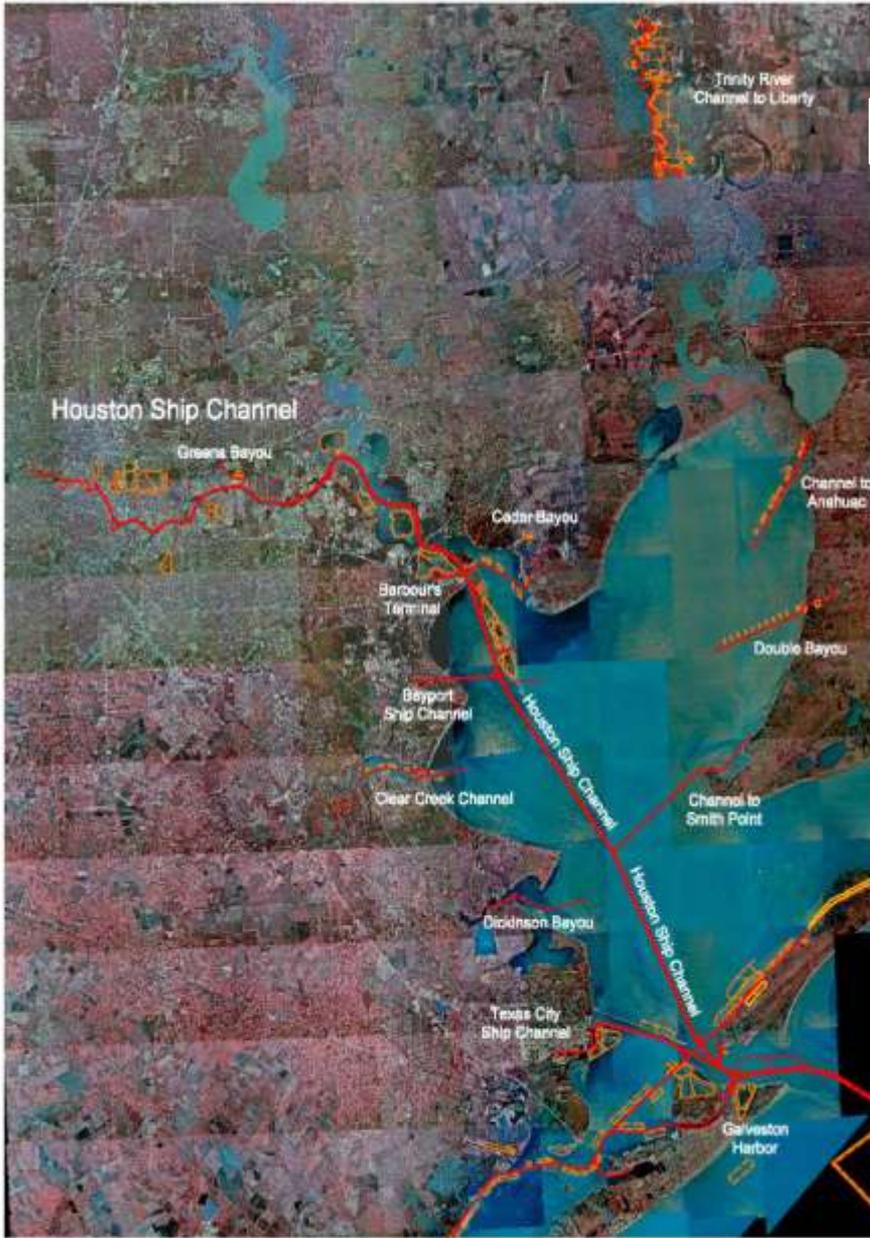




Galveston District – Navigation Channels



Houston-Galveston Complex



Houston - Galveston
Entrance Channel

Click text to jump to the maps for that area.

FY 2015 Contracts

Galveston Harbor and Channel

Galveston District – Dredging Meeting - Custodians of the Coast



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GALVESTON HARBOR-GALVESTON ENTRANCE CHANNEL AND HOUSTON SHIP CHANNEL- BOLIVAR ROADS TO RED FISH



Project:	Galveston Harbor - Galveston Entrance Channel and Houston Ship Channel - Bolivar to Red Fish
Dredging Depth:	47-49 ft. Required Depth
Dredging Width:	800-1000 ft.
Dredging Length:	Varies
Dredging Quantity:	2,000,000 cubic yards
Material Type:	Silt/Sand
Placement Area:	Offshore/BU
Distance to Place Area:	4 Mile Avg.
Type of Equipment:	Hopper
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	May 21, 2015
Est. Completion Date:	October 29, 2015

Galveston District – Dredging Meeting - Custodians of the Coast



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FY 2016 Contracts

Galveston Harbor and Channel

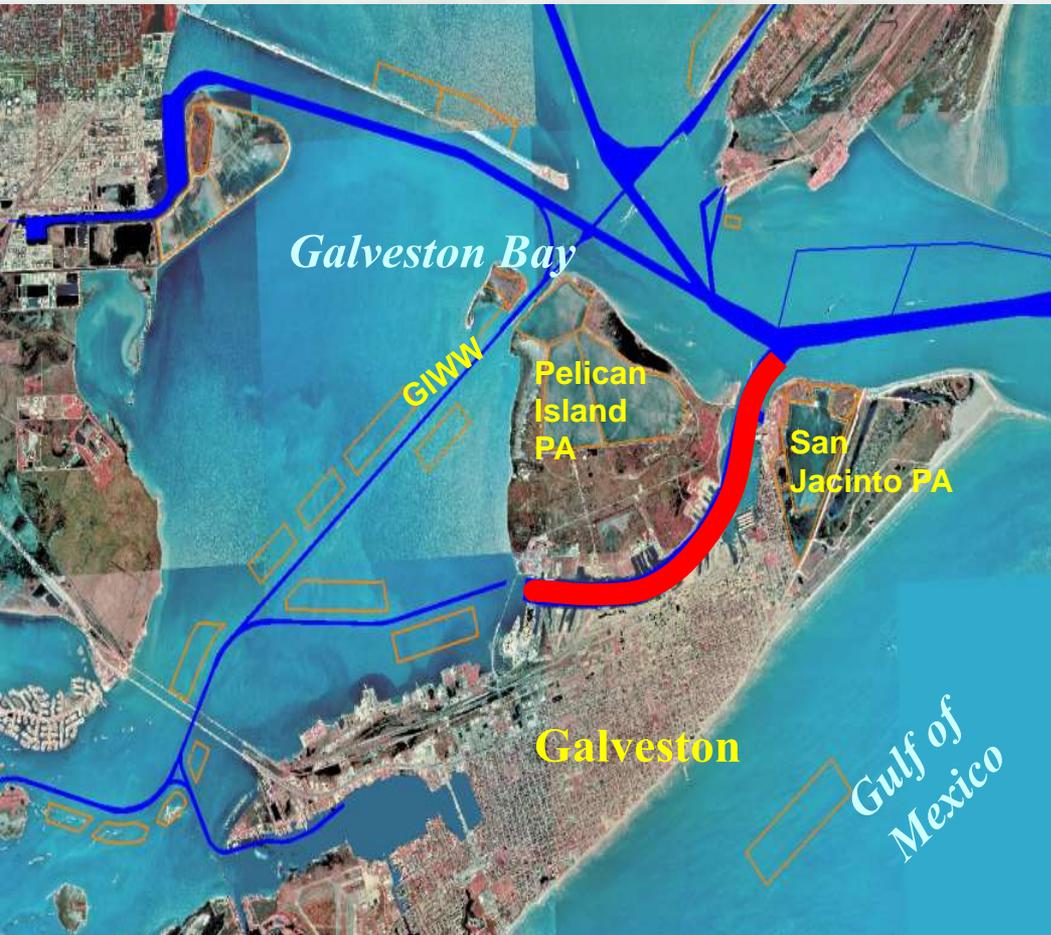
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GALVESTON HARBOR



Project:	Galveston Inner Harbor
Dredging Depth:	41 - 46 ft. Required Depth
Dredging Width:	1000 ft.
Dredging Length:	Varies
Dredging Quantity:	1,500,000 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
Award:	October 2015





GALVESTON HARBOR PELICAN ISLAND LEVEE REPAIR



Project:	Galveston Harbor Pelican Island Levee Repair
Dredging Depth:	NA
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Clay
Placement Area:	Pelican Island
Distance to Place Area:	NA
Type of Equipment:	Earth Moving, Dragline
Env. Window:	NA
Reason for Window:	NA
Award Date:	November 2015



FY 2015 Contracts

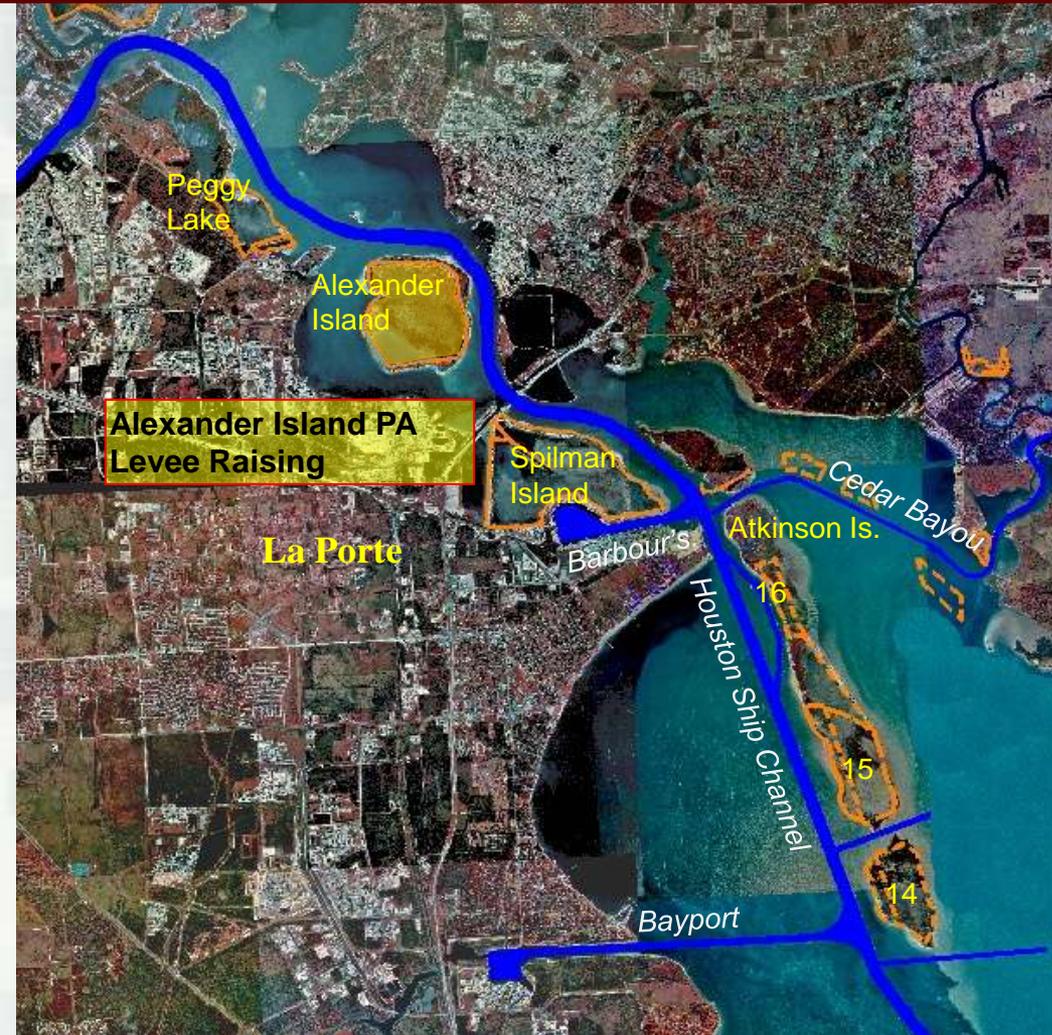
Houston Ship Channel

- Barbours Terminal**
- Bayport Ship Channel**
- Greens Bayou**





HOUSTON SHIP CHANNEL ALEXANDER ISLAND CONTAINMENT DIKE RAISE



Project:	Houston Ship Channel Alexander Island Containment Dike Raise
Type of Work:	Levee Raising
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Silt/Clay
Placement Area:	Alexander Island PA
Distance to Place Area:	NA
Type of Equipment:	Dragline/Earthmoving equipment
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	January 15, 2015
Est. Completion Date:	June 19, 2016

Galveston District – Dredging Meeting - Custodians of the Coast



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HOUSTON SHIP CHANNEL SIMS BAYOU TO TURNING BASIN

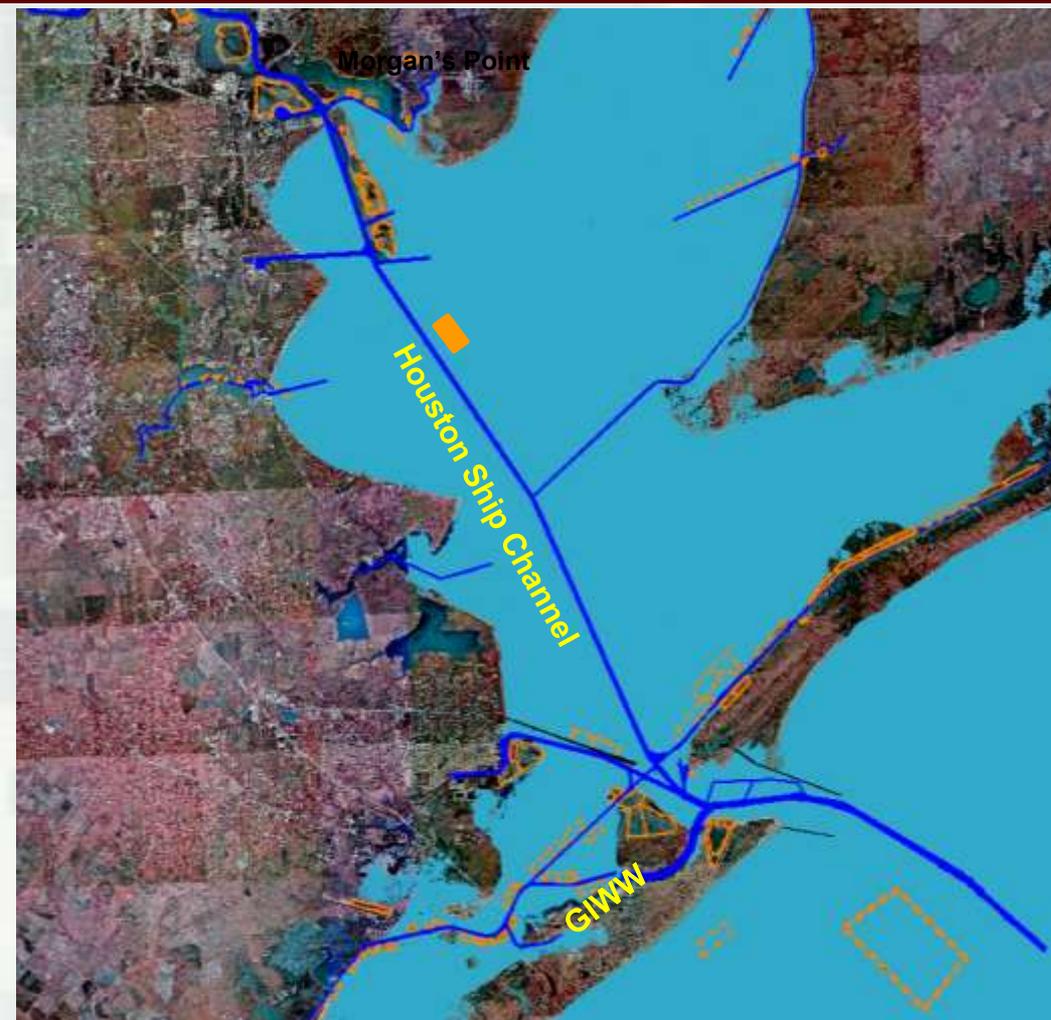


Project:	Houston Ship Channel Sims Bayou to Turning Basin
Dredging Depth:	38 ft. And 42 ft. Required Depth
Dredging Width:	300 - 250 ft.
Dredging Length:	Varies
Dredging Quantity:	1,000,000 cubic yards
Material Type:	Silt
Placement Area:	House Tract; West Clinton
Distance to Place Area:	3 Miles Average
Type of Equipment:	Pipeline Dredge
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	January 15, 2015
Est. Completion Date:	August 6, 2015





HOUSTON SHIP CHANNEL MID-BAY PA DEWATERING



Project:	Houston Ship Channel Mid-Bay PA - Dewatering
Type of Work:	Dewatering
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Silt
Placement Area:	Midbay
Distance to Place Area:	NA
Type of Equipment:	Marsh Buggy
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	August 21, 2015
Est. Completion Date:	February 3, 2015





HOUSTON SHIP CHANNEL EXXON TO CARPENTERS REACH

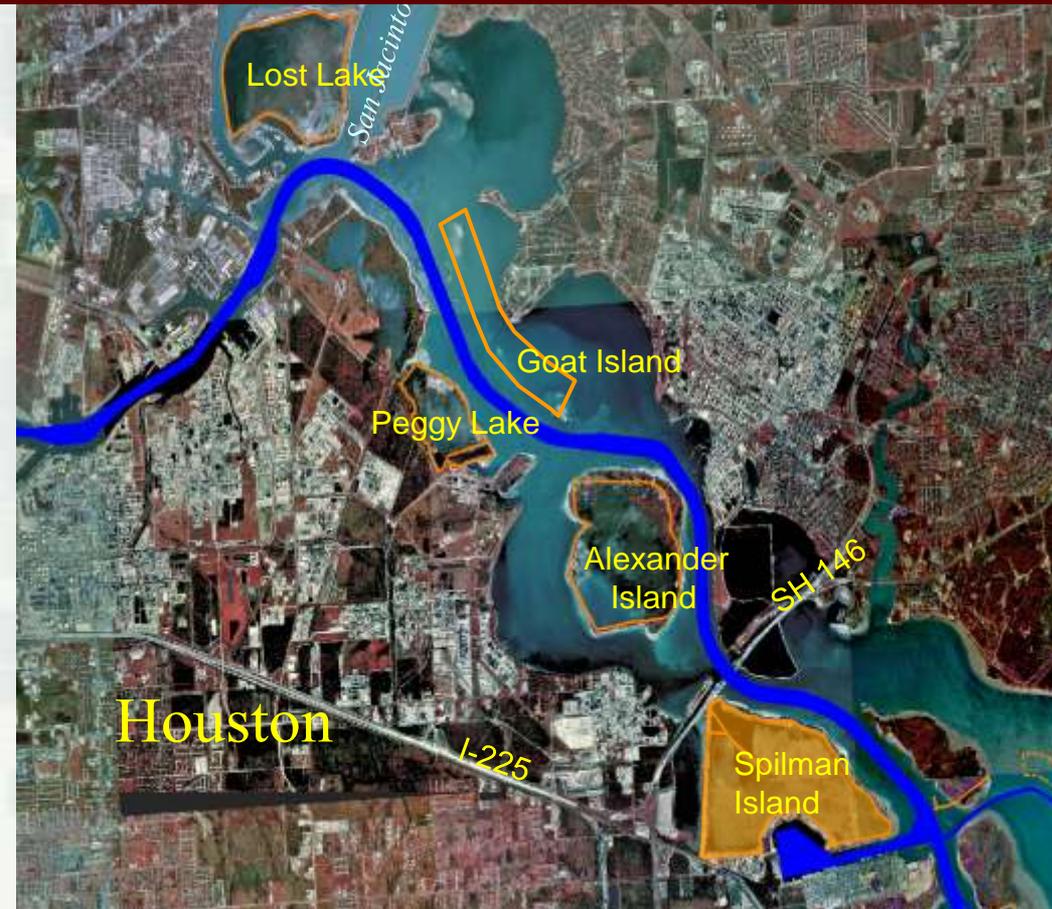


Project:	Houston Ship Channel Exxon to Carpenters Reach
Dredging Depth:	47 ft. Required Depth
Dredging Width:	300 ft.
Dredging Length:	Varies
Dredging Quantity:	1,500,000 cubic yards
Material Type:	Silt
Placement Area:	Lost Lake PA and Peggy Lake PA
Distance to Place Area:	1 Mile Avg.
Type of Equipment:	Pipeline Dredge
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	July 30, 2015
Est. Completion Date:	February 11, 2016





HOUSTON SHIP CHANNEL – SPILMAN ISLAND PA DEWATERING & SPILL BOX REPLACEMENT



Project:	Houston Ship Channel Spilman Island PA Dewatering & Spill Box Replacement
Type of Work:	Dewatering
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Silt/Clay
Placement Area:	Spilman Island
Distance to Place Area:	NA
Type of Equipment:	Marsh Buggy/ Excavation Equipment
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	September 5, 2015
Est. Completion Date:	July 8, 2016





HOUSTON SHIP CHANNEL PLACEMENT AREA NO. 15 and Mid Bay PA

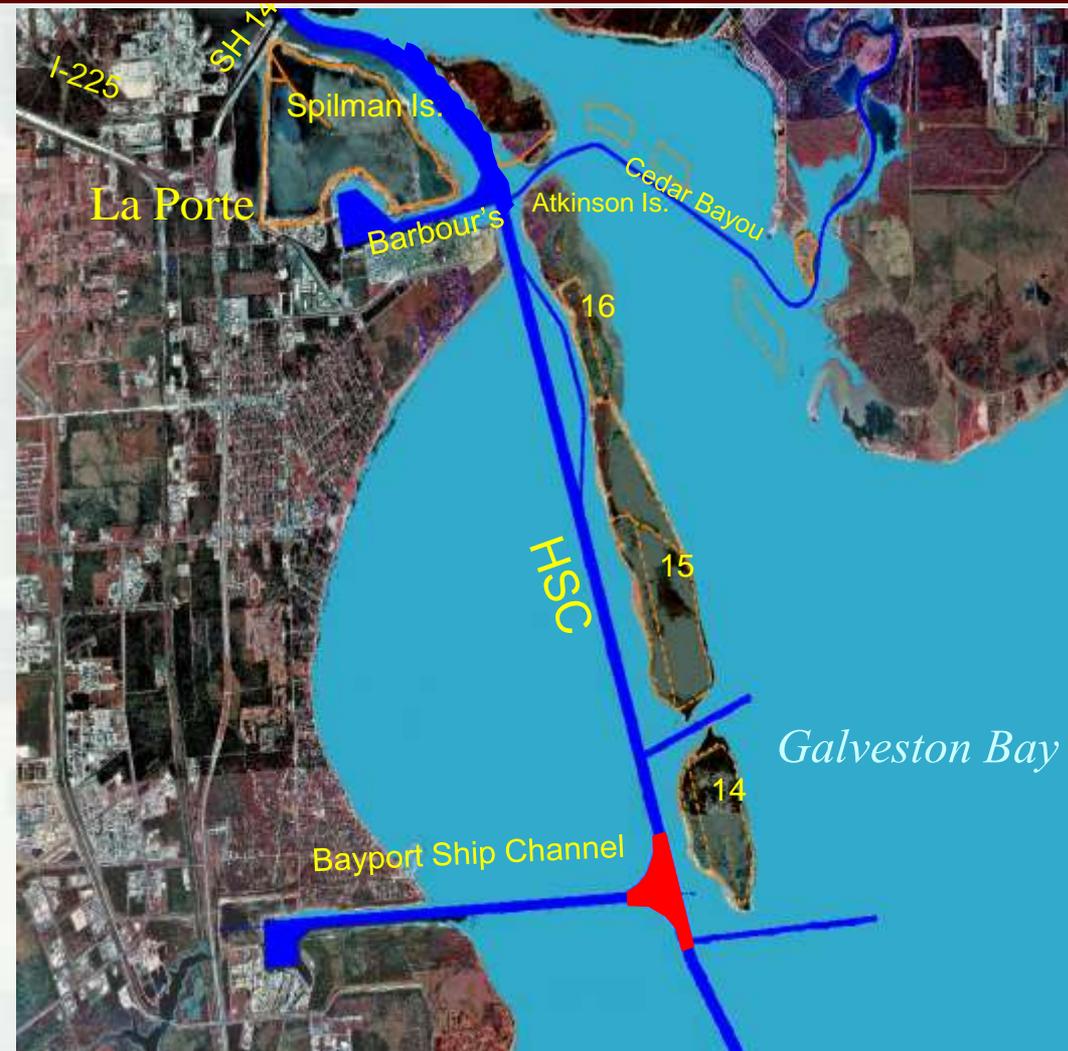


Project:	Houston Ship Channel Placement Area No. 15 and Mid Bay PA
Type of Work:	Shoreline Stabilization
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	
Placement Area:	PA 15 & Mid Bay
Distance to Place Area:	NA
Type of Equipment:	Crane/Earthmoving equipment
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	October 2, 2015
Est. Completion Date:	March 16, 2016





HOUSTON SHIP CHANNEL BAYPORT FLARE



Project:	Houston Ship Channel Bayport Flare
Dredging Depth:	47 ft. Required Depth
Dredging Width:	300 - 3394 ft.
Dredging Length:	Varies
Dredging Quantity:	800,000 cubic yards
Material Type:	Silt
Placement Area:	PA14
Distance to Place Area:	1 Mile Avg.
Type of Equipment:	Pipeline Dredge
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	October 8, 2015
Est. Completion Date:	March 22, 2016

Galveston District – Dredging Meeting - Custodians of the Coast



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FY 2016 Contracts

Houston Ship Channel

- Barbours Terminal**
- Bayport Ship Channel**
- Greens Bayou**





HOUSTON SHIP CHANNEL BARGE LANES MAINTENANCE DREDGING



Project:	Houston Ship Channel Bayport Barge Lanes Maintenance Dredging
Dredging Depth:	12 ft. Required Depth
Dredging Width:	147.5 ft.
Dredging Length:	Varies
Dredging Quantity:	cubic yards
Material Type:	Sand/Silt
Placement Area:	Marsh Cell M10
Distance to Place Area:	1-4 miles
Type of Equipment:	Pipeline
Env. Window:	Nesting bird window at Mid-Bay PA (avoid impacts to nesting birds March 1 st to August 31st)
Reason for Window:	Migratory Bird Treaty Act
Award:	October 2015

Galveston District – Dredging Meeting - Custodians of the Coast



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HOUSTON SHIP CHANNEL MORGANS POINT TO EXXON AND BARBOURS TERMINAL

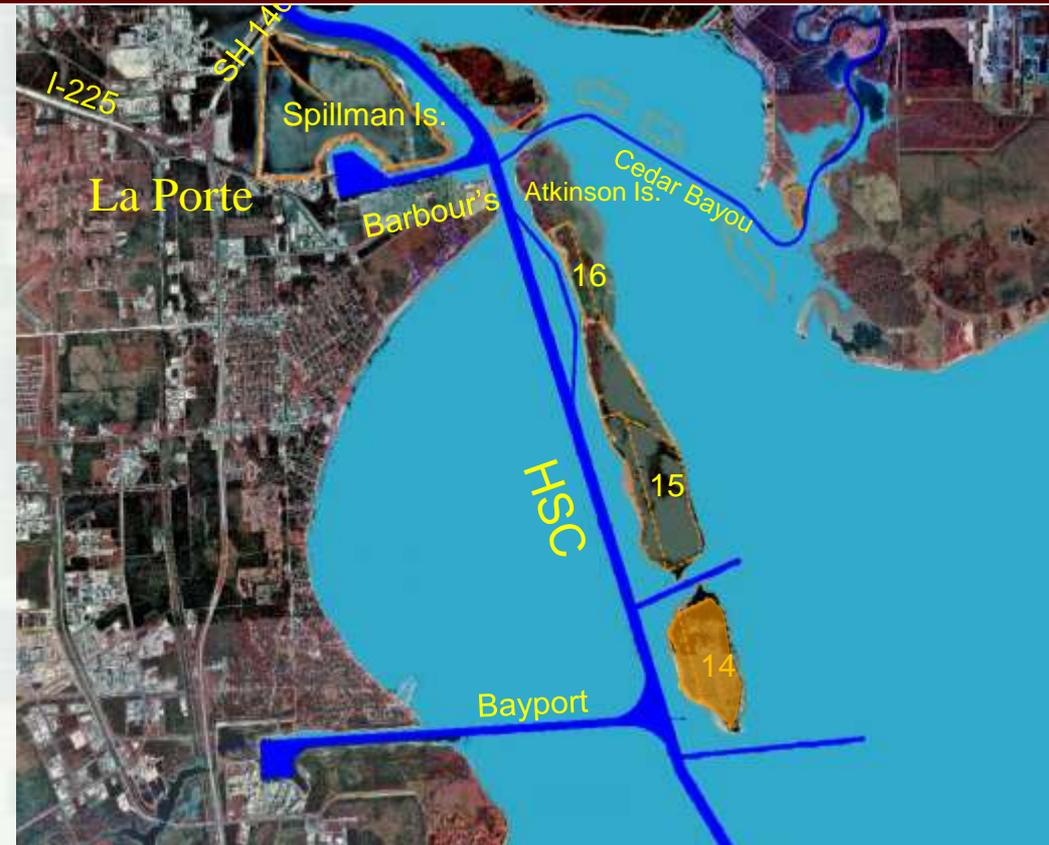


Project:	Houston Ship Channel – Morgans to Exxon and Barbours Terminal
Dredging Depth:	42 ft. (Barbours) & 49 ft. (HSC) Required Depth
Dredging Width:	1222 - 300 ft.
Dredging Length:	Varies
Dredging Quantity:	cubic yards
Material Type:	Silt
Placement Area:	Spilman & Alexander Island
Distance to Place Area:	1 Mile Avg.
Type of Equipment:	Pipeline
Env. Window:	NA
Reason for Window:	NA
Award:	November 2015





HOUSTON SHIP CHANNEL PLACEMENT AREA NO. 14 DEWATERING



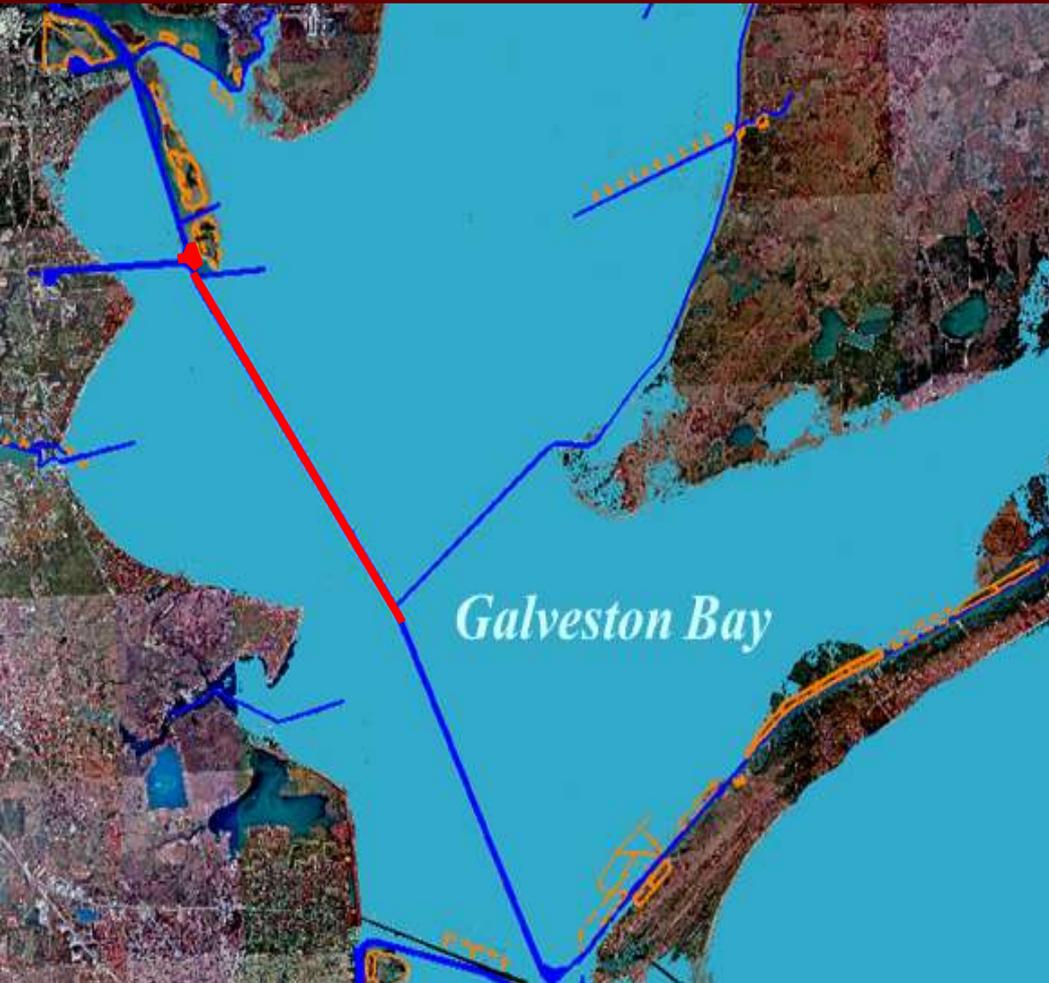
Project:	Houston Ship Channel Placement Area No. 14 Dewatering
Type of Work:	Dewatering
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	
Placement Area:	PA 14
Distance to Place Area:	NA
Type of Equipment:	Marsh Buggy/Earthmoving Equipment
Env. Window:	NA
Reason for Window:	NA
Award:	March 2016





HOUSTON SHIP CHANNEL

BAYPORT FLARE AND RED FISH REEF TO BEACON 78



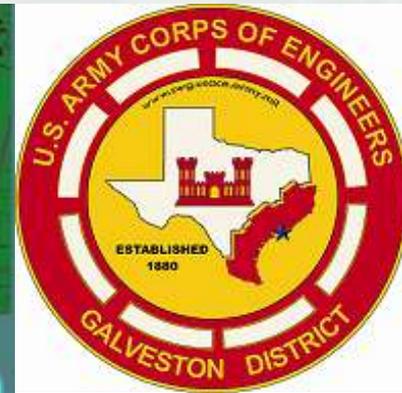
Project:	Houston Ship Channel Bayport Flare and Redfish Reef to Beacon 78
Dredging Depth:	47 ft. Required Depth
Dredging Width:	530 ft.
Dredging Length:	Varies
Dredging Quantity:	cubic yards
Material Type:	Sand/Silt
Placement Area:	Marsh Cells 7/8/9 and Mid-Bay PA
Distance to Place Area:	1-4 miles
Type of Equipment:	Pipeline
Env. Window:	Nesting bird window at Mid-Bay PA (avoid impacts to nesting birds March 1 st to August 31st)
Reason for Window:	Migratory Bird Treaty Act
Award:	July 2016



Galveston District – Dredging Meeting - Custodians of the Coast

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Questions Comments?



For more information, contact:

**Tricia Campbell
Operations Manager**

**Navigation Branch, Operations Division
U.S. Army Corps of Engineers, Galveston
409-766-3153
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Galveston District – Dredging Meeting - Custodians of the Coast



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Freeport Harbor Channel to Victoria

CPT Robert Burnham
Operations Manager
Navigation Branch
23 October 2014

Galveston District – Dredging Meeting

Custodians of the Coast



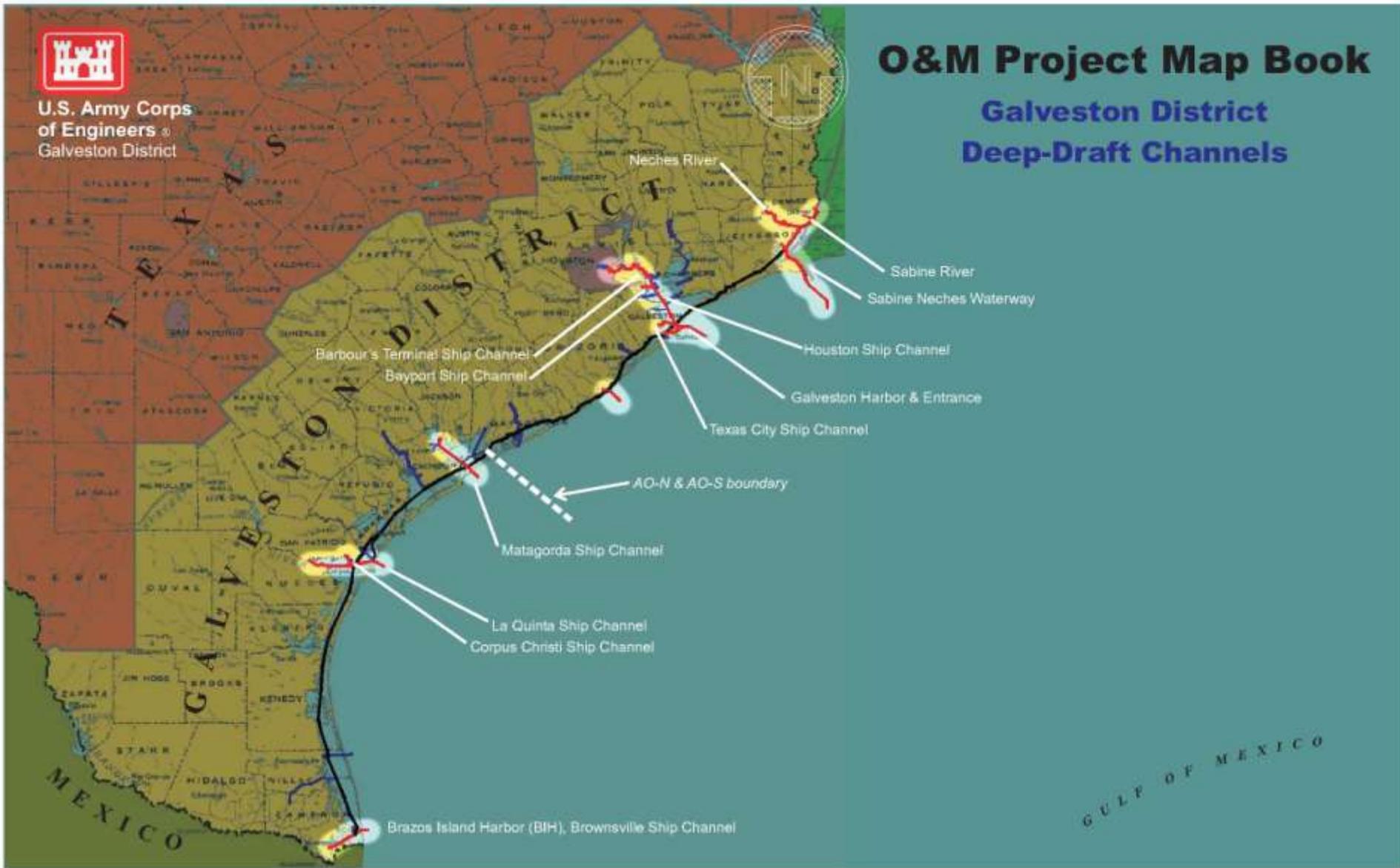
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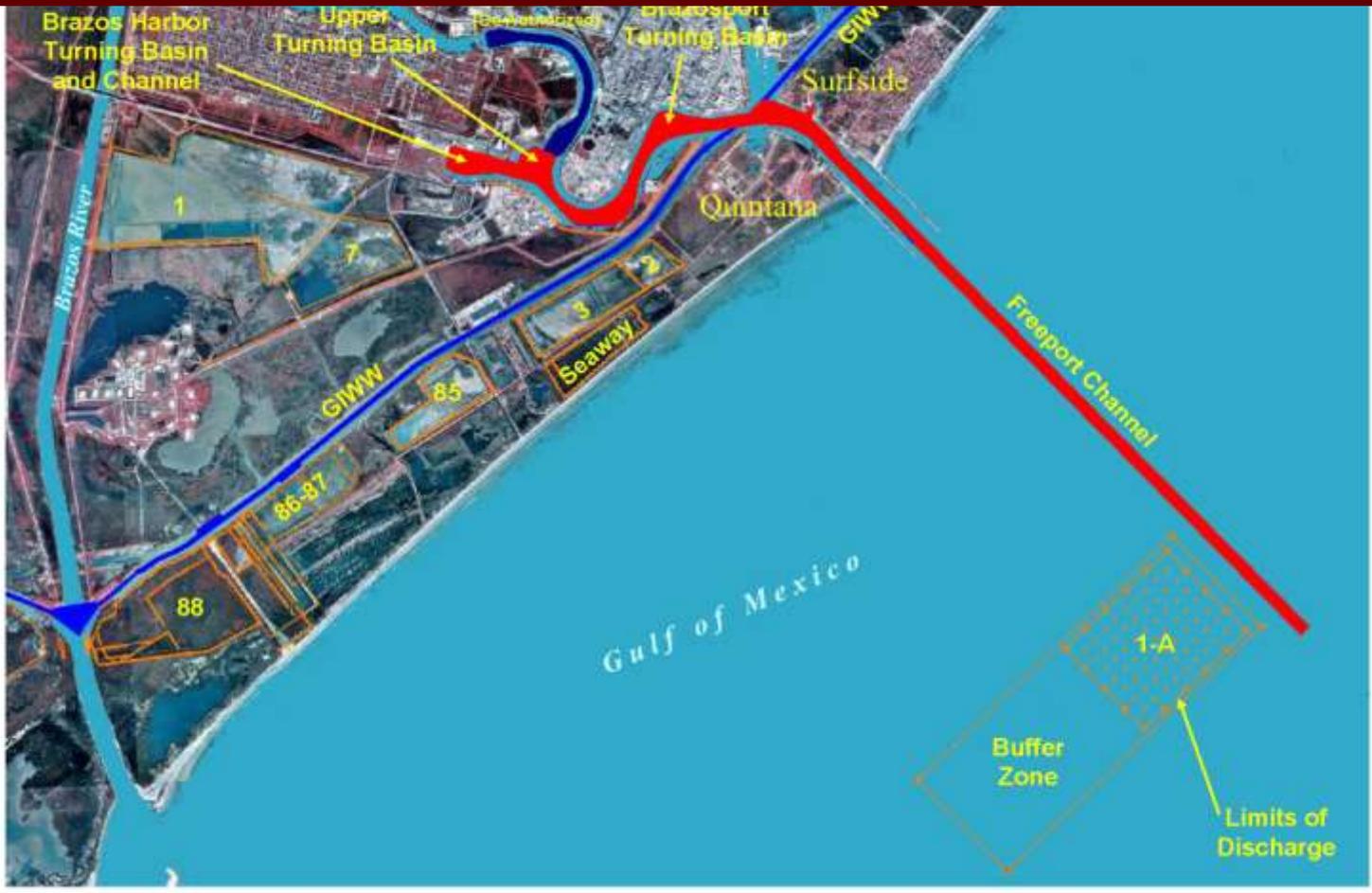


Galveston District – Navigation Channels





Freeport Harbor



FY 2015 Contracts Freeport Harbor

Galveston District – Dredging Meeting - Custodians of the Coast



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FREEPORT HARBOR ENTRANCE CHANNEL WITH CORPUS CHRISTI ENTRANCE CHANNEL OPTION



Project:	Freeport Harbor Entrance Channel (with Corpus Christi Entrance Channel Option)
Dredging Depth:	49 - 47 ft. Required Depth
Dredging Width:	400 ft.
Dredging Length:	Varies
Dredging Quantity:	3,165,000 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:	October 29, 2014
Est. Completion Date:	January 12, 2015





FREEPORT HARBOR ENTRANCE CHANNEL WITH CORPUS CHRISTI ENTRANCE CHANNEL OPTION

Cont'd.



Project:	Freeport Harbor Entrance Channel (with Corpus Christi Entrance Channel Option)
Dredging Depth:	49 - 47 ft. Required Depth
Dredging Width:	700 - 600 ft.
Dredging Length:	Varies
Dredging Quantity:	3,165,000 cubic yards
Material Type:	Silt/Sand
Placement Area:	Offshore
Distance to Placement Area:	2.5 Mile Avg.
Type of Equipment:	Hopper
Env. Window:	Nov. 11 thru Mar. 31
Reason for Window:	Sea Turtles
Est. Start Date:	November 16, 2014
Est. Completion Date:	January 27, 2015





FREEPORT HARBOR ENTRANCE CHANNEL



Project:	Freeport Harbor - Entrance Channel
Dredging Depth:	49 - 47 ft. Required Depth
Dredging Width:	400 ft.
Dredging Length:	Varies
Dredging Quantity:	2,000,000 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:	September 1, 2015
Est. Completion Date:	February 25, 2015





FREEPORT HARBOR INSIDE CHANNEL



Project:	Freeport Harbor, TX Inside Channel
Dredging Depth:	47- to 49-foot (Req. Depth)
Dredging Width:	280 - 1190 ft.
Dredging Length:	Varies
Dredging Quantity:	500,000 cubic yards
Material Type:	Sand/Silt
Placement Area (PA):	PA 1/Offshore
Distance to PA:	2.5 Mile (avg.)
Type of Equipment:	Pipeline
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	September 1, 2015
Est. Completion Date:	February 25, 2016

Galveston District – Dredging Meeting - Custodians of the Coast



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FY 2016 Contract Freeport Harbor

Galveston District – Dredging Meeting - Custodians of the Coast



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FREEPORT HARBOR ENTRANCE CHANNEL



Project:	Freeport Harbor, TX Entrance Channel
Dredging Depth:	47- to 49-foot (Req. Depth)
Dredging Width:	400 ft.
Dredging Length:	Varies
Dredging Quantity:	cubic yards
Material Type:	Sand/Silt
Placement Area (PA):	Offshore
Distance to PA:	2.5 Mile (avg.)
Type of Equipment:	Hopper
Env. Window:	NA
Reason for Window:	NA
Award:	September 2016





Galveston District – Navigation Channels



O&M Project Map Book GIWW - Galveston District GIWW Tributaries

- Offatts Bayou
- Chocolate Bayou
- Colorado River (Channel to Bay City)
- AO-N & AO-S boundary
- Channel to Palacios
- Victoria Barge Canal (Channel to Victoria)
- Lydia Ann Channel to Port Aransas & Channel to Aransas Pass
- Packery Channel
- Channel to Port Mansfield
- Arroyo Colorado (Channel to Harlingen)
- Port Isabel small Boat Harbor & Side Channels

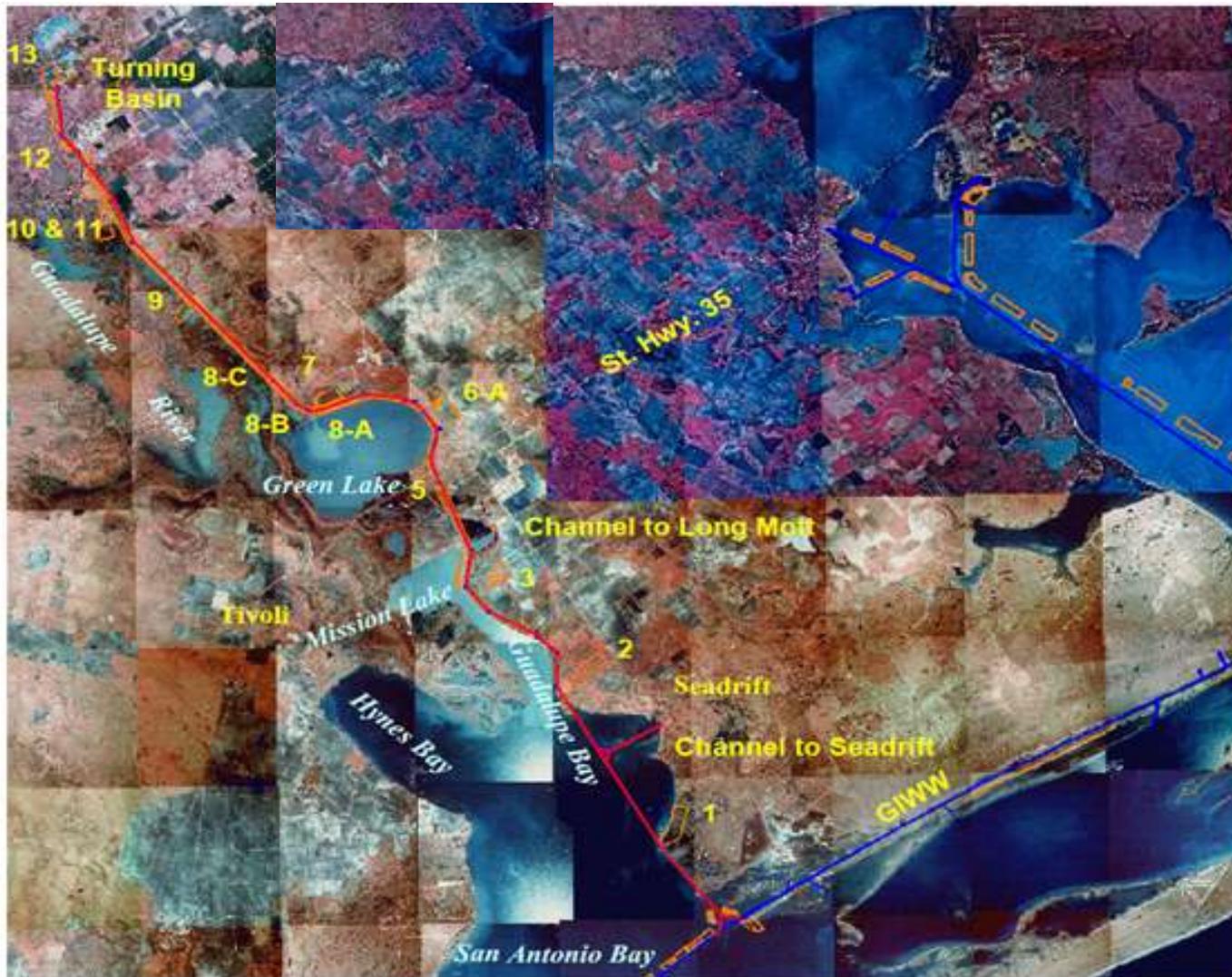
GULF OF MEXICO



GIWW-Channel to Victoria



US Army Corps
of Engineers®
Galveston District



FY 2015 Contract Channel to Victoria

Galveston District – Dredging Meeting - Custodians of the Coast



BUILDING STRONG®



CHANNEL TO VICTORIA MIDDLE REACH



Project:	GIWW, Ch to Victoria Middle Reach
Dredging Depth:	14-foot (Req. Depth)
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	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:	October 13, 2015
Est. Completion Date:	April 15, 2016



FY 2016 Contract Channel to Victoria

Galveston District – Dredging Meeting - Custodians of the Coast



BUILDING STRONG®



CHANNEL TO VICTORIA LOWER REACH



Project:	GIWW, Ch to Victoria Middle Reach
Dredging Depth:	14-foot (Req. Depth)
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	600,000 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:	October 13, 2016
Est. Completion Date:	April 15, 2017



Questions Comments?



For more information, contact:

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Galveston District – Dredging Meeting - Custodians of the Coast



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Gulf Intracoastal Waterway Brazos Island Harbor (BIH)

Seth Jones
Operation Manager
Navigation Branch
October 23, 2014

Galveston District – Dredging Meeting

Custodians of the Texas Coast



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US Army Corps of Engineers
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Galveston District – Navigation Channels



O&M Project Map Book

GIWW - Galveston District GIWW Tributaries

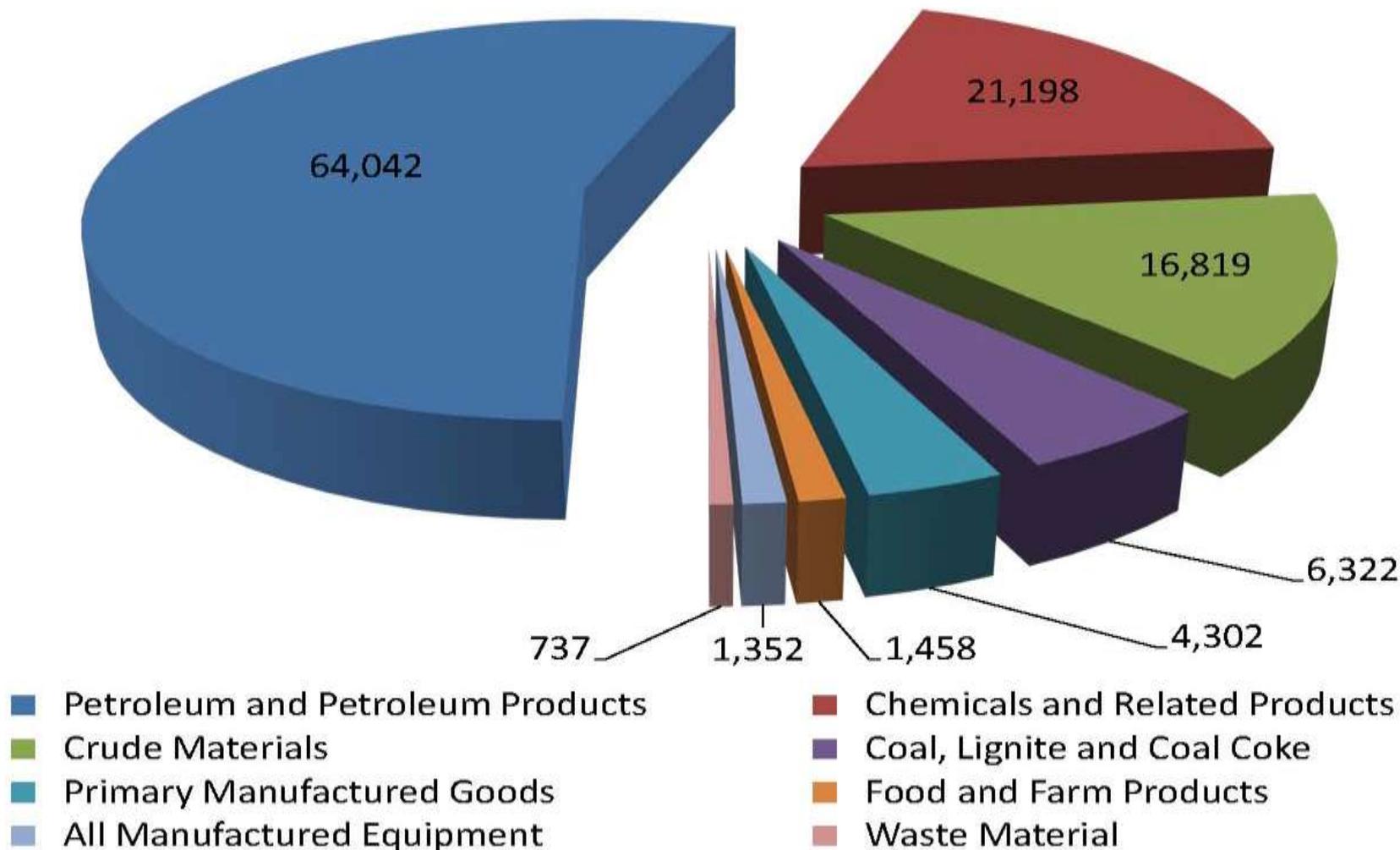
GULF OF MEXICO



VALUE TO THE NATION

GULF INTRACOASTAL WATERWAY

Commodity by Tonnage



FY 2015 Contracts

Gulf Intracoastal Waterway, TX

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GULF INTRACOASTAL WATERWAY COLORADO RIVER TO UPPER MATAGORDA BAY



Project:	Gulf Intracoastal Waterway Colorado River to Upper Matagorda Bay with option/ Port Lavaca & Harbor of Refuge
Dredging Depth:	16 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	3,200,000 cubic yards
Material Type:	Fine Silt/Sand
Placement Area:	Open/Upland Confined
Distance to Placement Area:	1 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	April 2015
Est. Completion Date:	October 2015

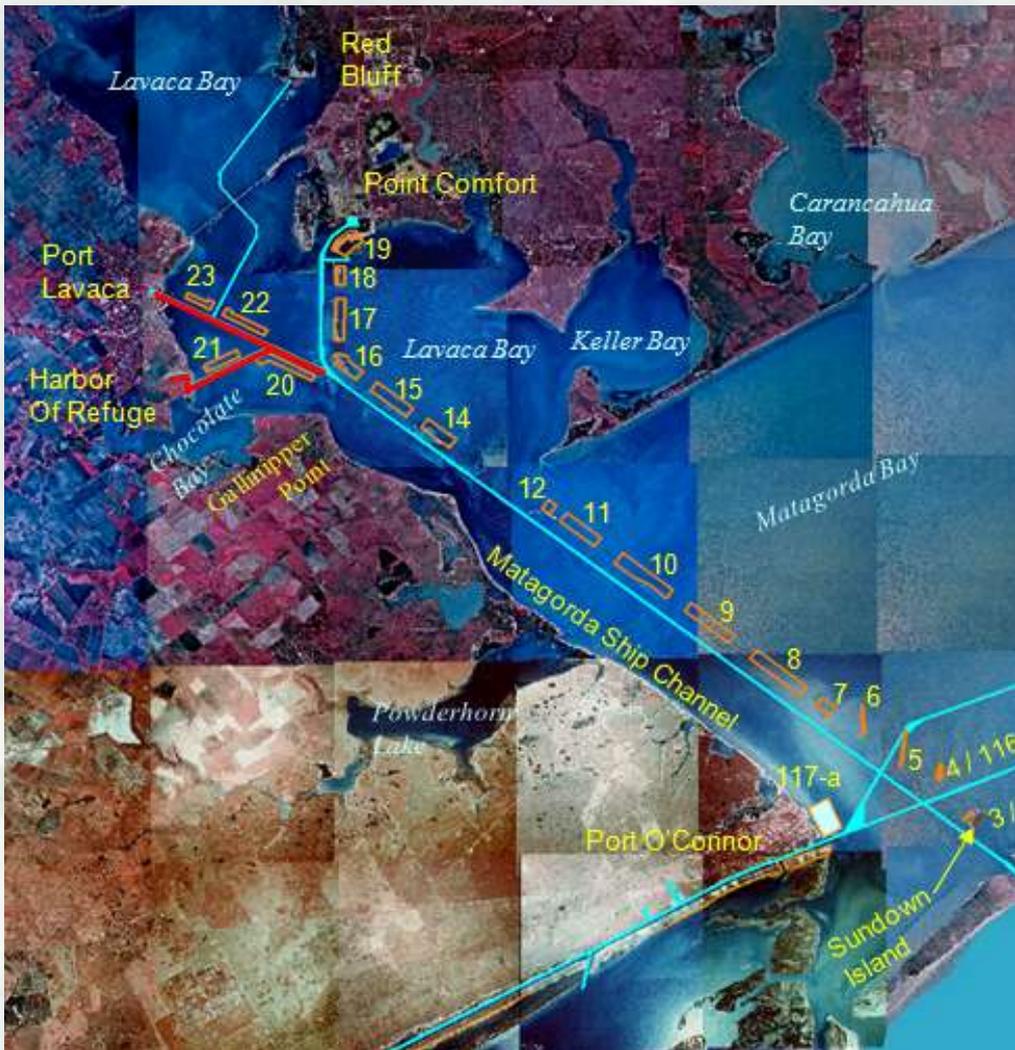
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GULF INTRACOASTAL WATERWAY COLORADO RIVER TO UPPER MATAGORDA BAY *Cont'd.*



Project:	Gulf Intracoastal Waterway Colorado River to Upper Matagorda Bay with option/ Port Lavaca & Harbor of Refuge
Dredging Depth:	14 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	3,200,000 cubic yards
Material Type:	Fine Silt/Sand
Placement Area:	Open/Upland Confined
Distance to Placement Area:	1 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	April 2015
Est. Completion Date:	October 2015

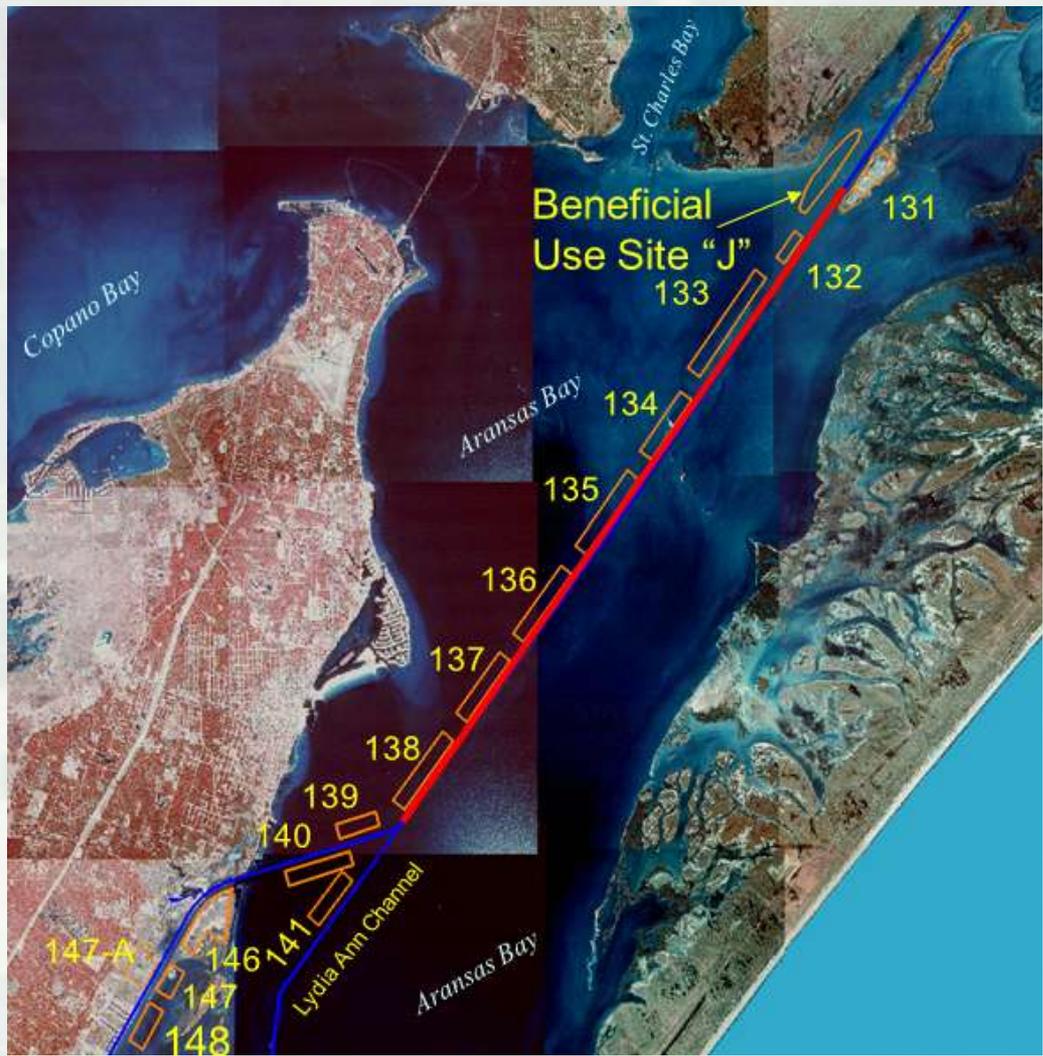
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GULF INTRACOASTAL WATERWAY CHANNEL ACROSS ARANSAS BAY



Project:	Gulf Intracoastal Waterway Channel Across Aransas Bay
Dredging Depth:	16 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	1,300 ,000 cubic yards
Material Type:	Fine Silt/Sand
Placement Area:	Open/BU Sites
Distance to Placement Area:	1 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	Closed 15 Oct to 15 Apr
Reason for Window:	Whooping Crane
Est. Start Date:	April 2015
Est. Completion Date:	October 2015

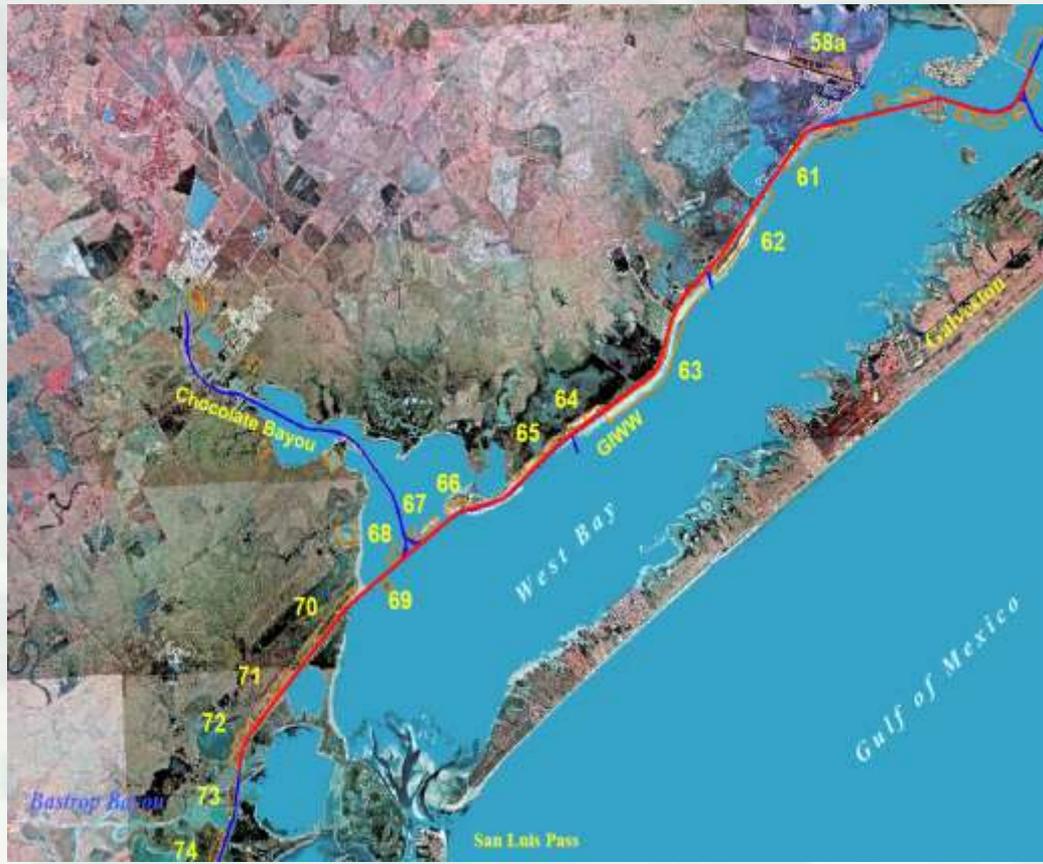
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GULF INTRACOASTAL WATERWAY GALVESTON CAUSEWAY TO BASTROP BAYOU



Project:	Gulf Intracoastal Waterway Galveston Causeway to Bastrop Bayou
Dredging Depth:	12 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	1,000,000 cubic yards
Material Type:	Fine Silt/Sand
Placement Area:	Open/Upland Confined
Distance to Placement Area:	1 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	1 Nov – 28 Feb
Reason for Window:	Seagrass
Est. Start Date:	May 6, 2015
Est. Completion Date:	November 23, 2015





GULF INTRACOASTAL WATERWAY HIGH ISLAND TO ROLLOVER PASS



Project:	Gulf Intracoastal Waterway High Island to Rollover
Dredging Depth:	16 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	1,000,000 cubic yards
Material Type:	Fine Silt/Sand
Placement Area:	Open/Upland Confined/BU
Distance to Placement Area:	2 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	N/A
Reason for Window:	N/A
Est. Start Date:	September 30, 2015
Est. Completion Date:	March 24, 2016



FY 2016 Contracts

Gulf Intracoastal Waterway, TX

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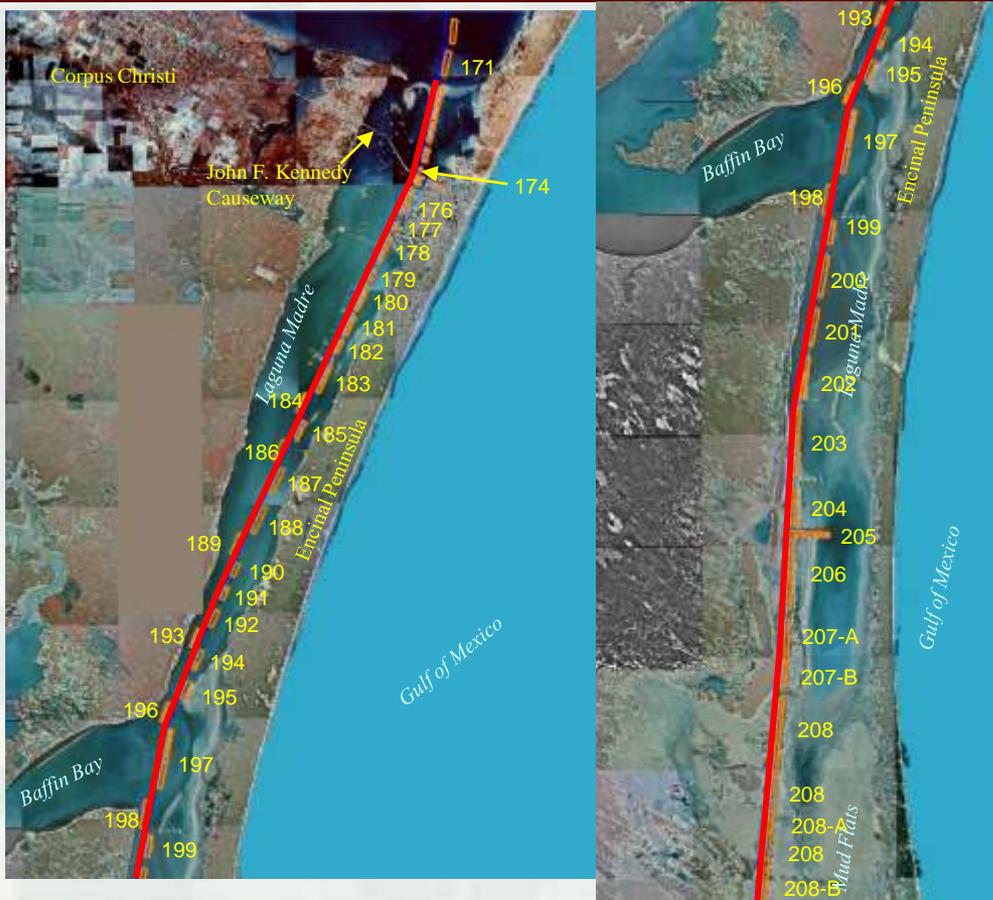


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GULF INTRACOASTAL WATERWAY CORPUS CHRISTI TO PORT ISABEL

Sheet 1

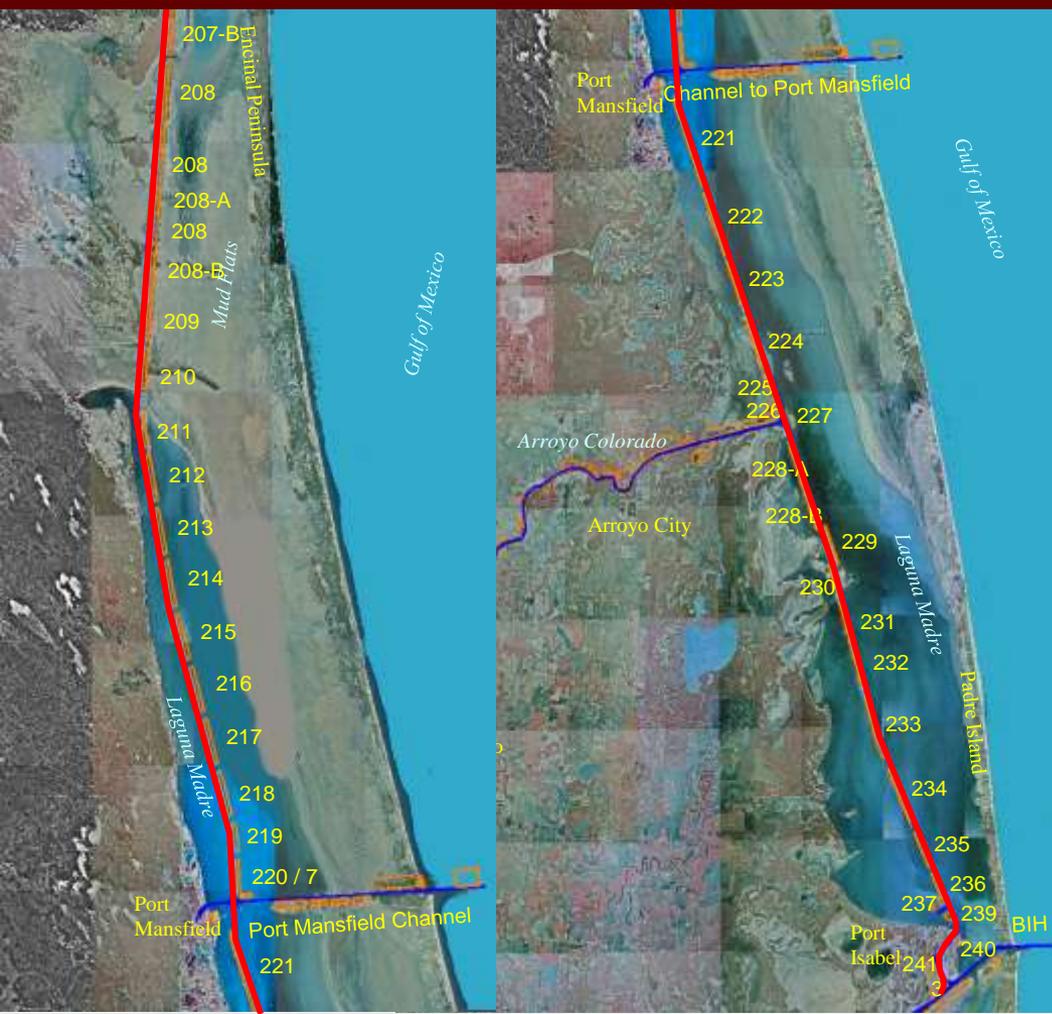


Project:	Gulf Intracoastal Waterway Corpus Christi to Port Isabel
Dredging Depth:	14 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	1,025,000 cubic yards
Material Type:	Fine Silt/Sand
Placement Area:	Open/BU Sites
Distance to Placement Area:	3 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	1 Nov. - 28 Feb.
Reason for Window:	Seagrass
Award:	October 2015





GULF INTRACOASTAL WATERWAY CORPUS CHRISTI TO PORT ISABEL

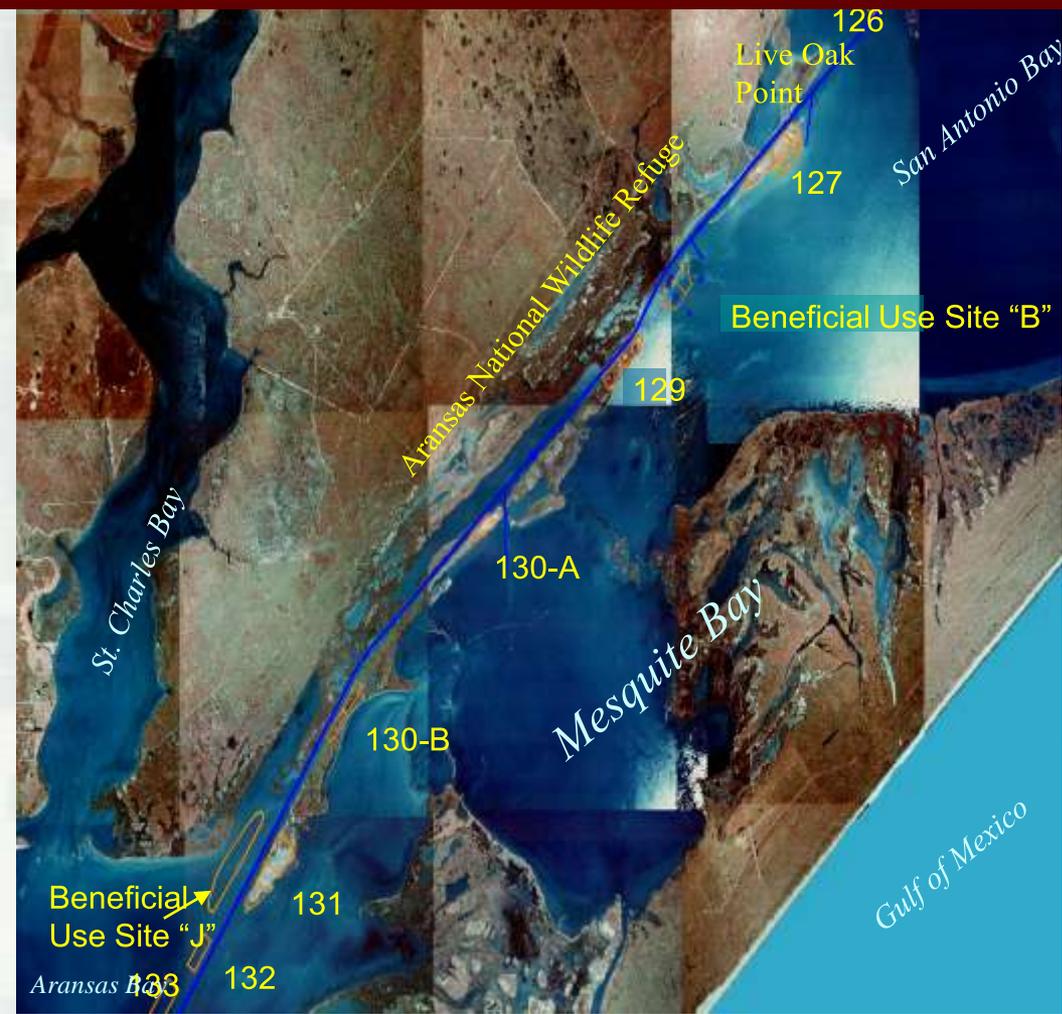


Project:	Gulf Intracoastal Waterway Corpus Christi to Port Isabel
Dredging Depth:	14 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	1,025,000 cubic yards
Material Type:	Fine Silt/Sand
Placement Area:	Open/BU Sites
Distance to Placement Area:	3 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	1 Nov. – 28 Feb.
Reason for Window:	Seagrass
Award:	October 2015





GULF INTRACOASTAL WATERWAY BENEFICIAL USE SITE B



Project:	Gulf Intracoastal Waterway Beneficial Use (BU) Site B Construction
Type of Work:	BU Site
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Silt/Clay
Placement Area:	NA
Distance to Place Area:	NA
Type of Equipment:	Marine Construction
Env. Window:	NA
Reason for Window:	NA
Award:	April 2016





GULF INTRACOASTAL WATERWAY BRAZOS RIVER TO BOGGY BAYOU



Project:	Gulf Intracoastal Waterway Brazos River to Boggy Bayou
Dredging Depth:	12 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	cubic yards
Material Type:	Fine Silt/Sand
Placement Area:	Open/Upland Confined
Distance to Placement Area:	1.5 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	NA
Reason for Window:	NA
Award:	June 2016





GULF INTRACOASTAL WATERWAY SHORELINE STABILIZATION AND LEVEE RAISE – PA 93 AND PA 112-B

Sheet 1



Project:	Gulf Intracoastal Waterway-Shoreline Stabilization and Levee Raise-PA 93 & 112-B
Type of Work:	Shore Stabilization/ Levee Raise
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	
Placement Area:	PA 93
Distance to Place Area:	NA
Type of Equipment:	Marine Construction Earthmoving Equipment
Env. Window:	NA
Reason for Window:	NA
Award:	July 2016

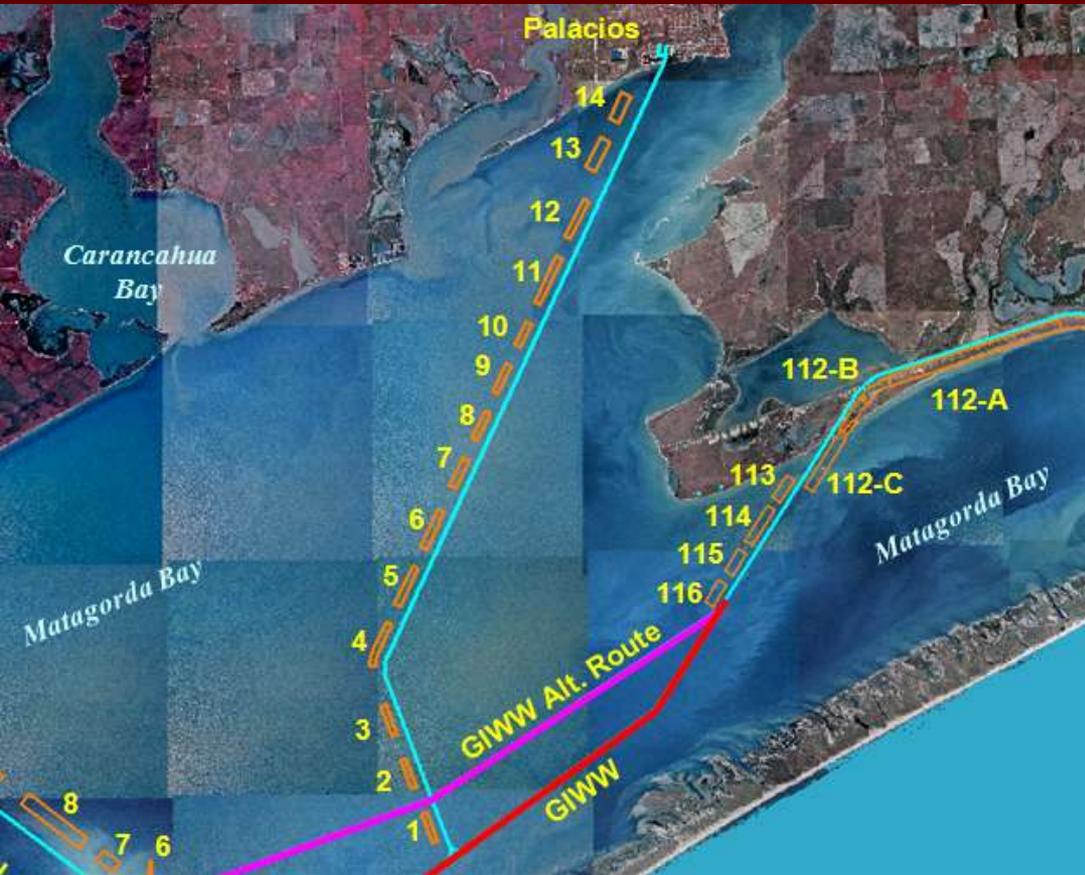




GULF INTRACOASTAL WATERWAY SHORELINE STABILIZATION AND LEVEE RAISE – PA 93 AND PA 112-B

Cont'd...

Sheet 2



Project:	Gulf Intracoastal Waterway-Shoreline Stabilization and Levee Raise-PA 93 & 112-B
Type of Work:	Shore Stabilization/ Levee Raise
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	
Placement Area:	PA 112-B
Distance to Place Area:	NA
Type of Equipment:	Marine Construction Earthmoving Equipment
Env. Window:	NA
Reason for Window:	NA
Award:	July 2016





GULF INTRACOASTAL WATERWAY ROLLOVER PASS TO GALVESTON CAUSEWAY



Project:	Gulf Intracoastal Waterway Rollover to Causeway
Dredging Depth:	16 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	650,000 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
Award:	August 2016

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FY 2015 Contracts Brazos Island Harbor (Brownsville Harbor)

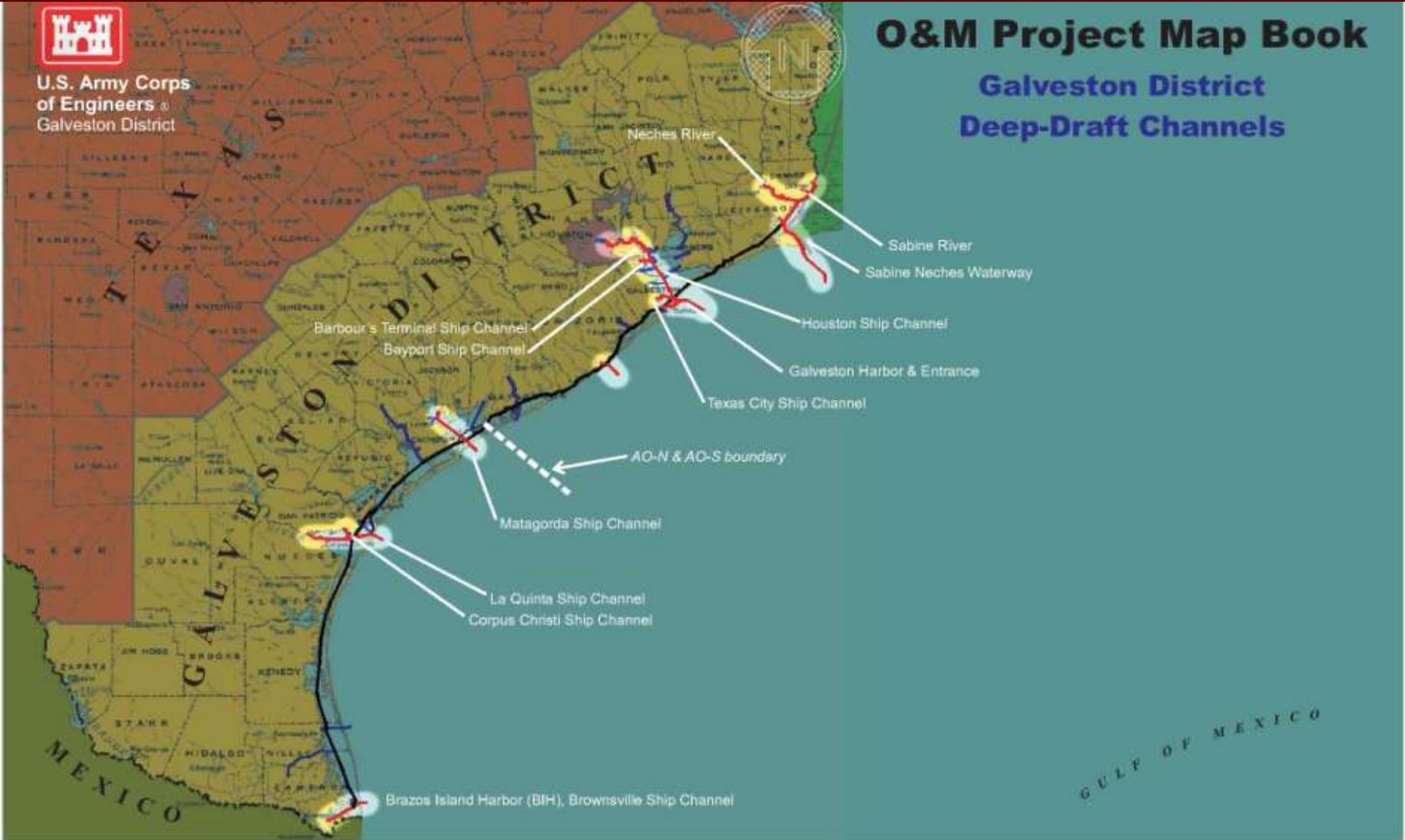
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Galveston District – Navigation Channels





Brazos Island Harbor (Brownsville Harbor)



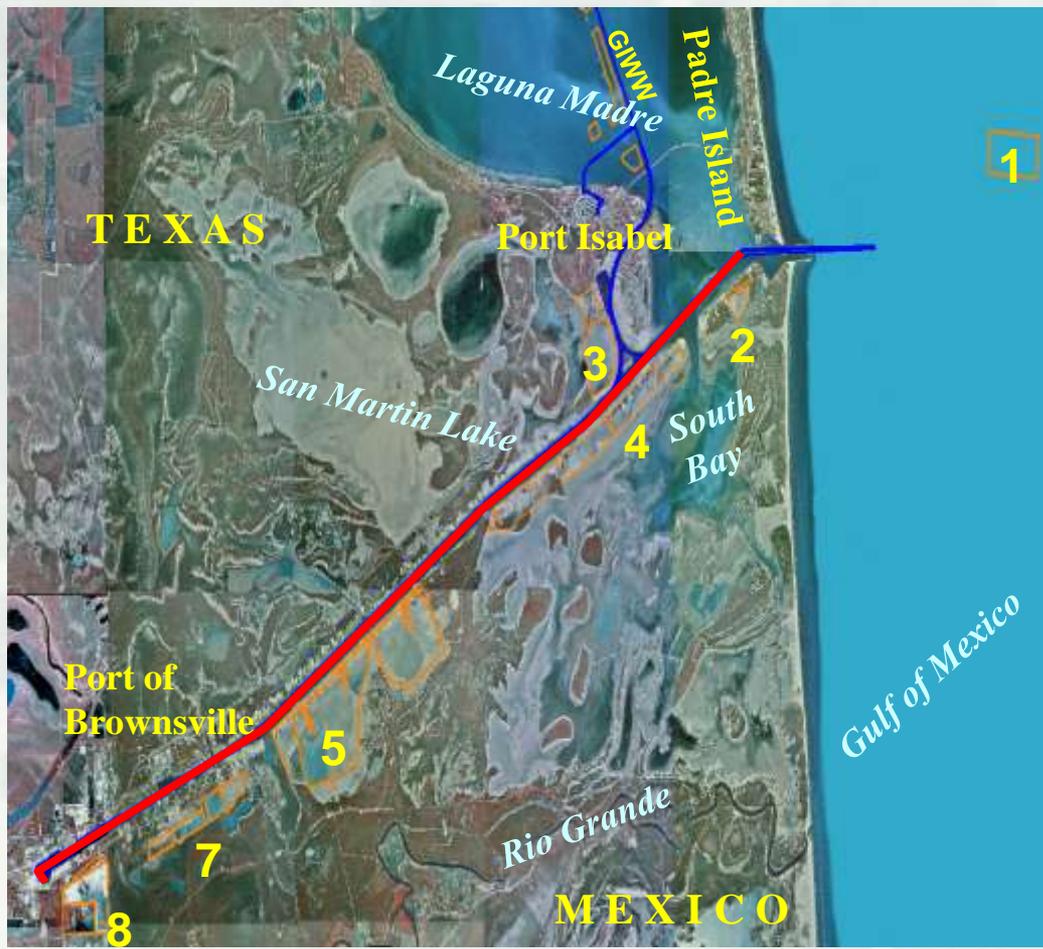
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Brazos Island Harbor (BIH) Brownsville Ship Channel





BRAZOS ISLAND HARBOR BROWNSVILLE SHIP CHANNEL



Project:	Brazos Island Harbor - Main Channel
Dredging Depth:	44 ft. Required Depth
Dredging Width:	300 - 400 ft.
Dredging Length:	Varies
Dredging Quantity:	2,000,000 cubic yards
Material Type:	Silt
Placement Area:	Upland
Distance to Place Area:	1 Mile Avg.
Type of Equipment:	Pipeline
Env. Window:	NA
Reason for Window:	NA
Award:	March 2015



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FY 2016 Contract Brazos Island Harbor (Brownsville Harbor)

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BRAZOS ISLAND HARBOR JETTY CHANNEL



Project:	Brazos Island Harbor Brownsville Jetty Channel
Dredging Depth:	46 ft. Required Depth
Dredging Width:	300 - 400 ft.
Dredging Length:	Varies
Dredging Quantity:	350,000 cubic yards
Material Type:	Sand
Placement Area:	Beach/BU
Distance to Place Area:	2 Miles Avg.
Type of Equipment:	Hopper/Pipeline
Env. Window:	1 Oct- 14Mar
Reason for Window:	Turtle/Tourism
Award:	October 2015



Questions Comments?



For more information, contact:

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Matagorda Ship Channel

George Dabney
Operation Manager
Navigation Branch
October 23, 2014

Galveston District – Dredging Meeting

Custodians of the Texas Coast



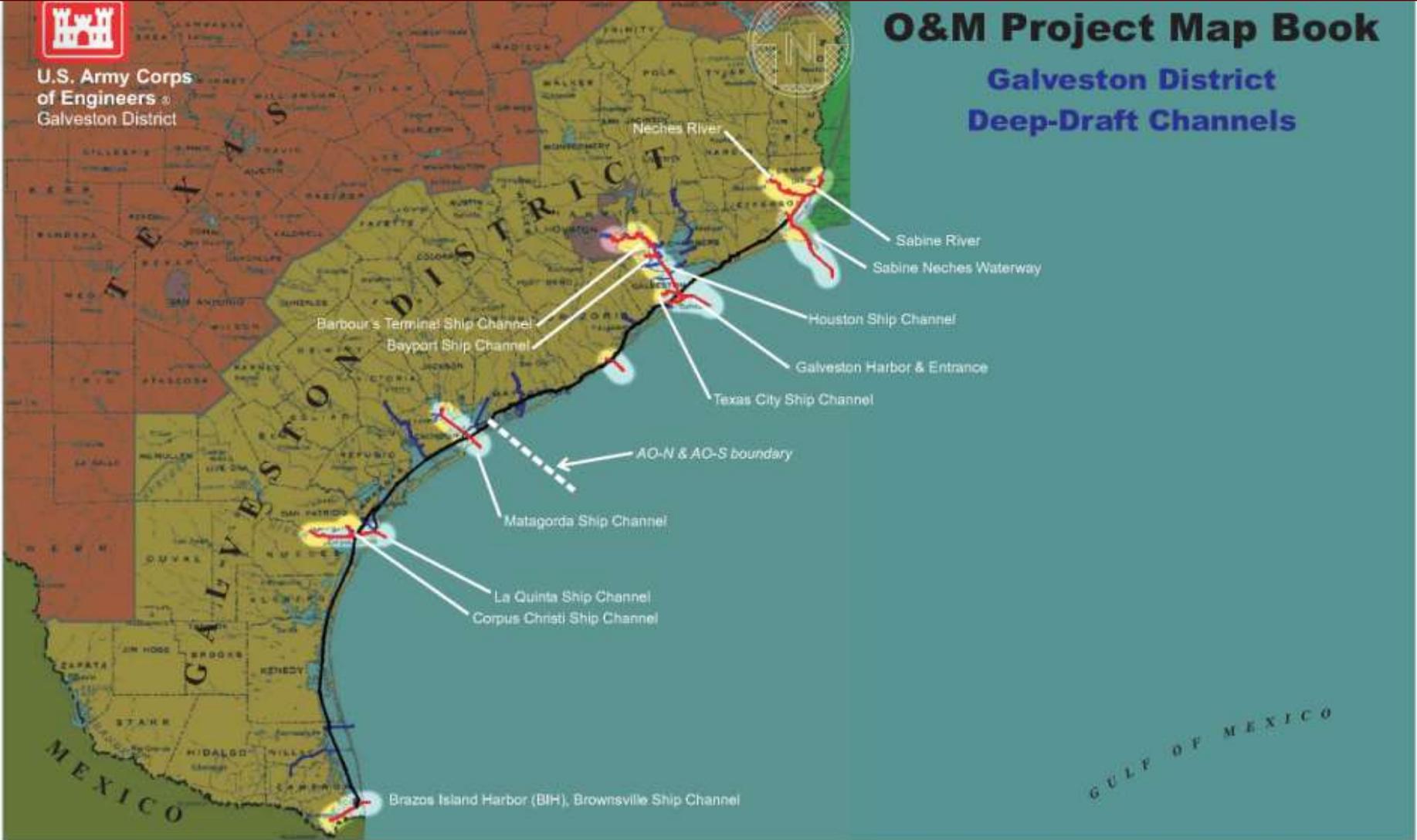
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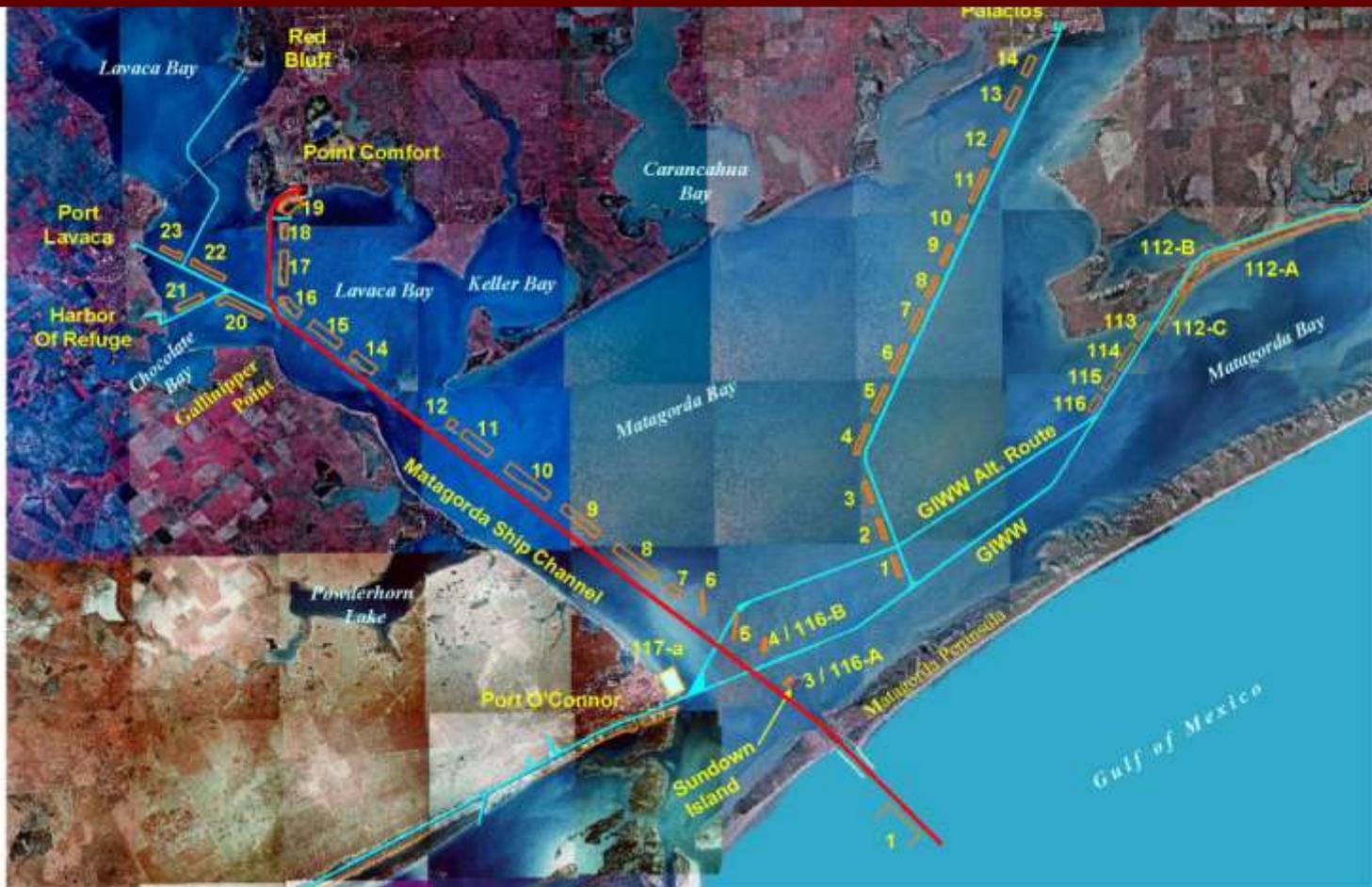


Galveston District – Navigation Channels





Matagorda Ship Channel



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FY 2015 Contract Matagorda Ship Channel

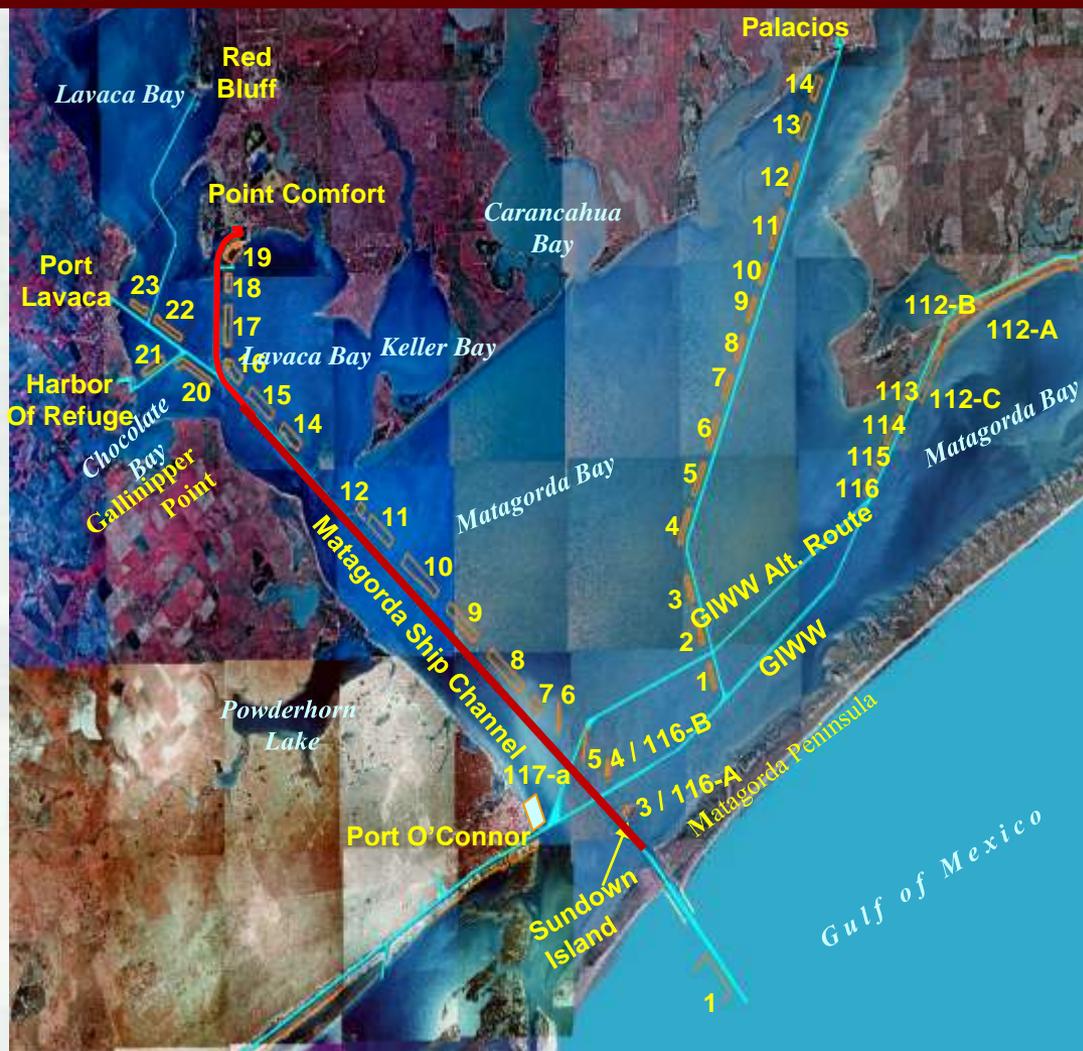
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MATAGORDA SHIP CHANNEL MATAGORDA PENINSULA TO POINT COMFORT



Project:	Matagorda Ship Channel Matagorda Peninsula to Point Comfort
Dredging Depth:	38 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:	1 Mile Avg.
Type of Equipment:	Pipeline Dredge
Env. Window:	March 1 thru August 31
Reason for Window:	Nesting birds
Est. Start Date:	October 20, 2015
Est. Completion Date:	April 12, 2016

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FY 2016 Contract Matagorda Ship Channel

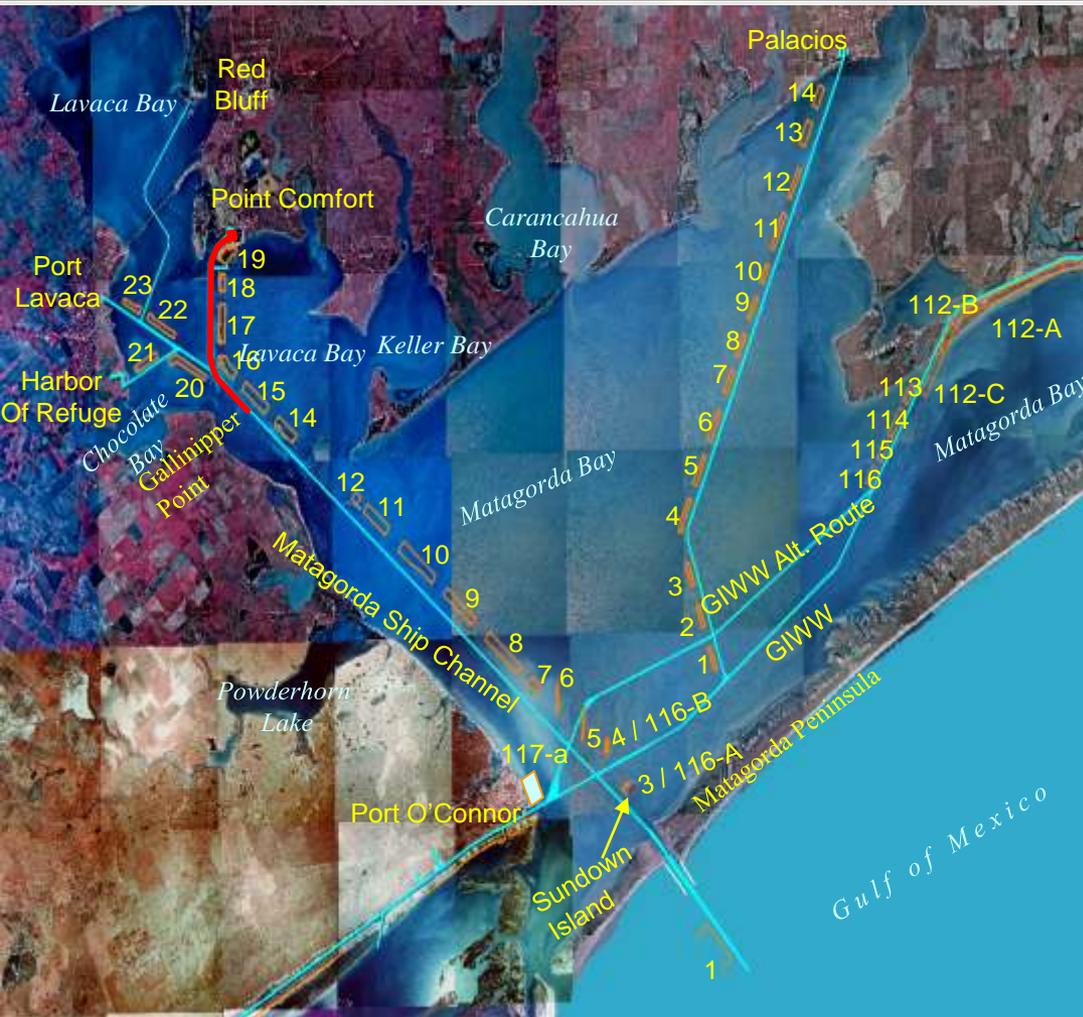
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MATAGORDA SHIP CHANNEL GALLINIPPER POINT TO POINT COMFORT



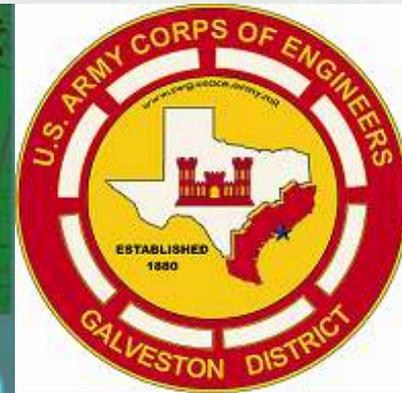
Project:	Matagorda Ship Channel Gallinipper Point to Point Comfort
Dredging Depth:	38 ft. Required Depth
Dredging Width:	200 ft.
Dredging Length:	Varies
Dredging Quantity:	2,000,000 cubic yards
Material Type:	Sand/Silt
Placement Area:	Open Water/Semi Confined
Distance to Place Area:	1 Mile Avg.
Type of Equipment:	Pipeline Dredge
Env. Window:	March 1 thru August 31
Reason for Window:	Nesting birds
Award:	August 2016

Galveston District – Dredging Meeting - Custodians of the Texas Coast



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Questions Comments?



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Galveston District – Dredging Meeting - Custodians of the Texas Coast



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Brazos River Floodgates, Colorado River Locks & Mooring Buoy Maintenance

Eric Russek, P.E.

Operations Manager

Project Operations Br, Galveston

October 23, 2014

Galveston District – Dredging Meeting

Custodians of the Texas Coast



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Navigation Project Facilities

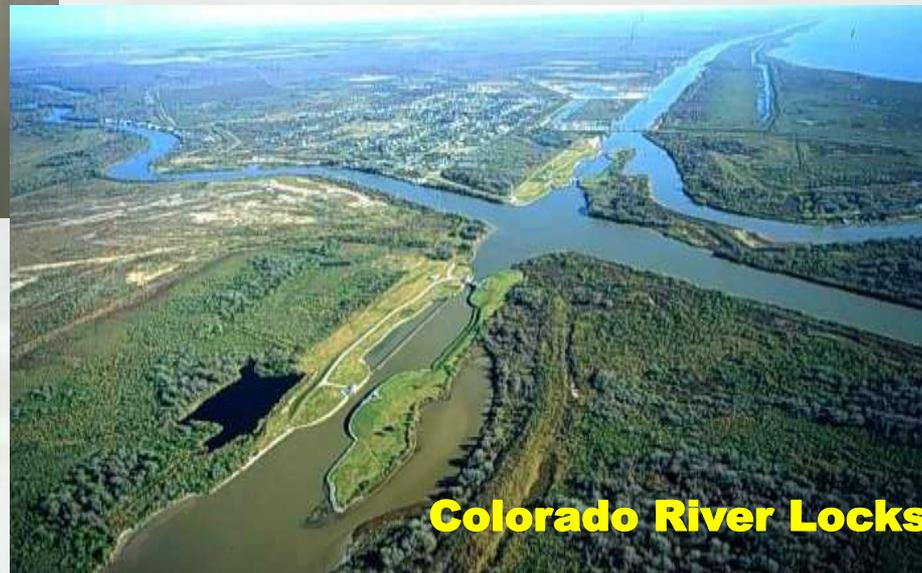




Navigation Project Facilities



- **Minimize shoaling at river crossings**
- **Safety**



Brazos River Floodgates

Freeport, TX



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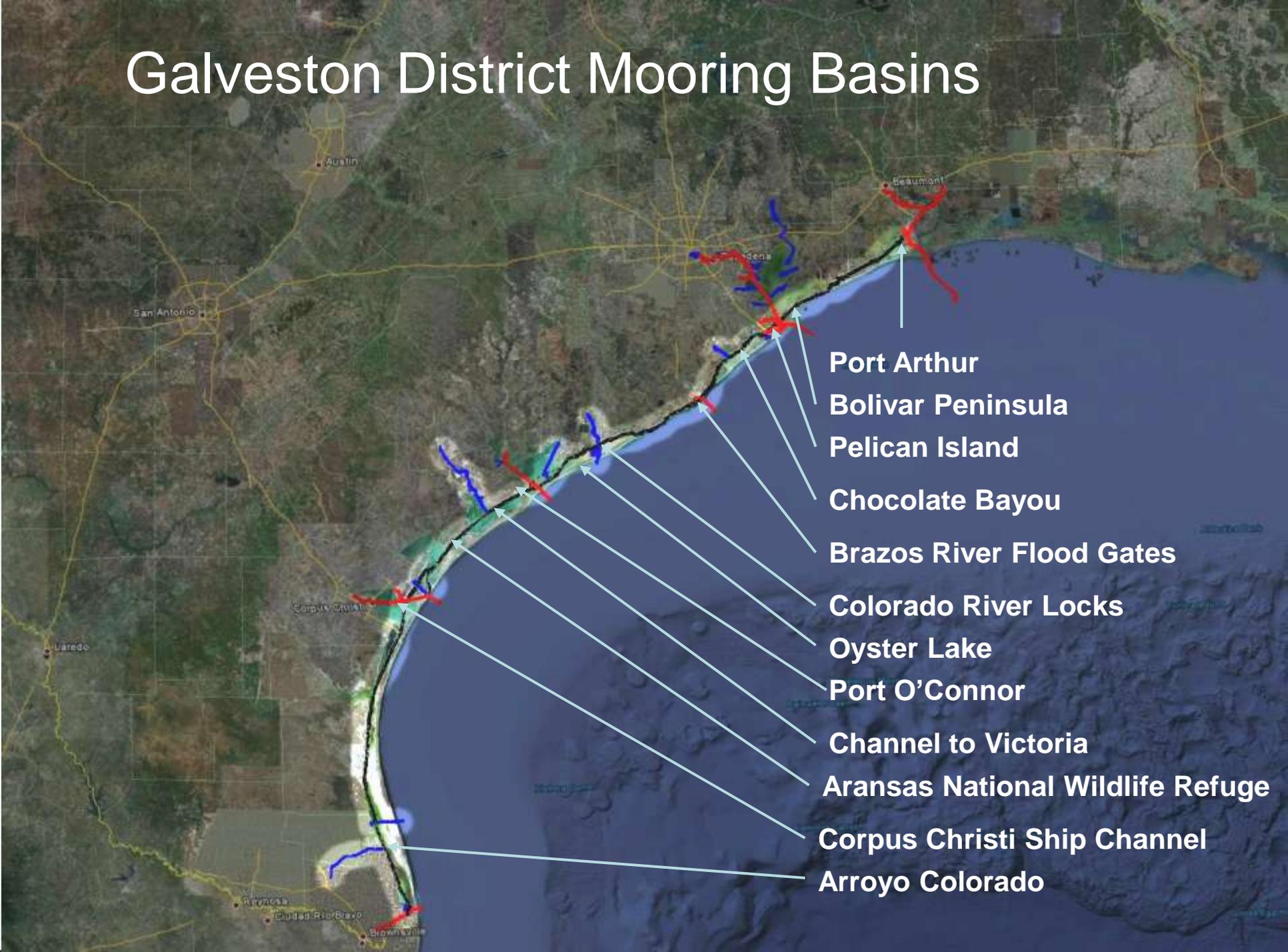


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Galveston District Mooring Basins



- Port Arthur
- Bolivar Peninsula
- Pelican Island
- Chocolate Bayou
- Brazos River Flood Gates
- Colorado River Locks
- Oyster Lake
- Port O'Connor
- Channel to Victoria
- Aransas National Wildlife Refuge
- Corpus Christi Ship Channel
- Arroyo Colorado



'Can' Buoy



'Anvil' Buoy



Damaged 'Can' Buoy



Buoy Yard at Brazos River Flood Gates

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FY 2015 Contract Brazos River Floodgates And Colorado River Locks

Galveston District – Dredging Meeting - Custodians of the Texas Coast



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Project: Brazos River Floodgates and Colorado River Locks	Consolidated Facilities Repairs
Dredging Depth:	NA
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	NA
Placement Area:	NA
Type of Equipment:	Electrical, Mechanical & Structural
Env. Window:	NA
Reason for Window:	NA
Award:	May 2015



FY 2016 Contract Brazos River Floodgates And Colorado River Locks

Galveston District – Dredging Meeting - Custodians of the Texas Coast



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Project: Brazos River Floodgates and Colorado River Locks	Consolidated Facilities Repairs
Dredging Depth:	NA
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	NA
Placement Area:	NA
Type of Equipment:	Electrical, Mechanical & Structural
Env. Window:	NA
Reason for Window:	NA
Award:	May 2016



Questions Comments?



For more information, contact:

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