

FY-16 Scheduled Contracts

FY-17 Planned Contracts

Christopher Frabotta

Deputy Chief, Operations Division /

Chief, Navigation Branch

Southwestern Division - Galveston District

03 December 2015

Galveston District – Dredging Meeting

Custodians of the Texas Coast



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GALVESTON NAVIGATION OM FUNDING

FY-15 Execution

President's Budget	\$113,351,000
FY-15 Allocation	\$131,892,000
Carry-in	<u>\$ 15,739,000</u>
Available to Obligate	\$147,632,000

Obligated	\$126,068,000
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Percent Execution	85.4%
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FY-16 Funding Outlook

President's Budget	\$110,404,000
Carry-in	\$ 21,564,000
Total Anticipated	\$131,968,000





FY-16 INITIATIVES

- **Continue Hydrographic Survey Webpage**
 - All six (6) Deep Draft Nav. Complexes now online
 - Gulf Intracoastal Waterway this year

- **Implement of Vertical Datum Conversion**

- **SNWW Set-Back Policy**

- **Restore TCOON Functionality to 30 Stations**
 - Bring new Sentinel Stations online

- **Re-Space & Deploy new GIWW Mooring Buoys**



Operations Managers



OPERATIONS MANAGERS

Nancy Young

Tricia Campbell

CPT Robert Burnham

Jackie Lockhart

Steve Howard

Seth Jones

Eric Russek

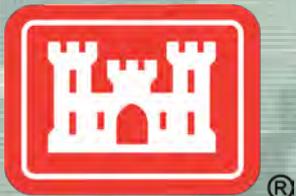


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Sabine-Neches Waterway

Nancy C. Young, P.E.
*Operations Manager
Navigation Branch
03 December 2015*

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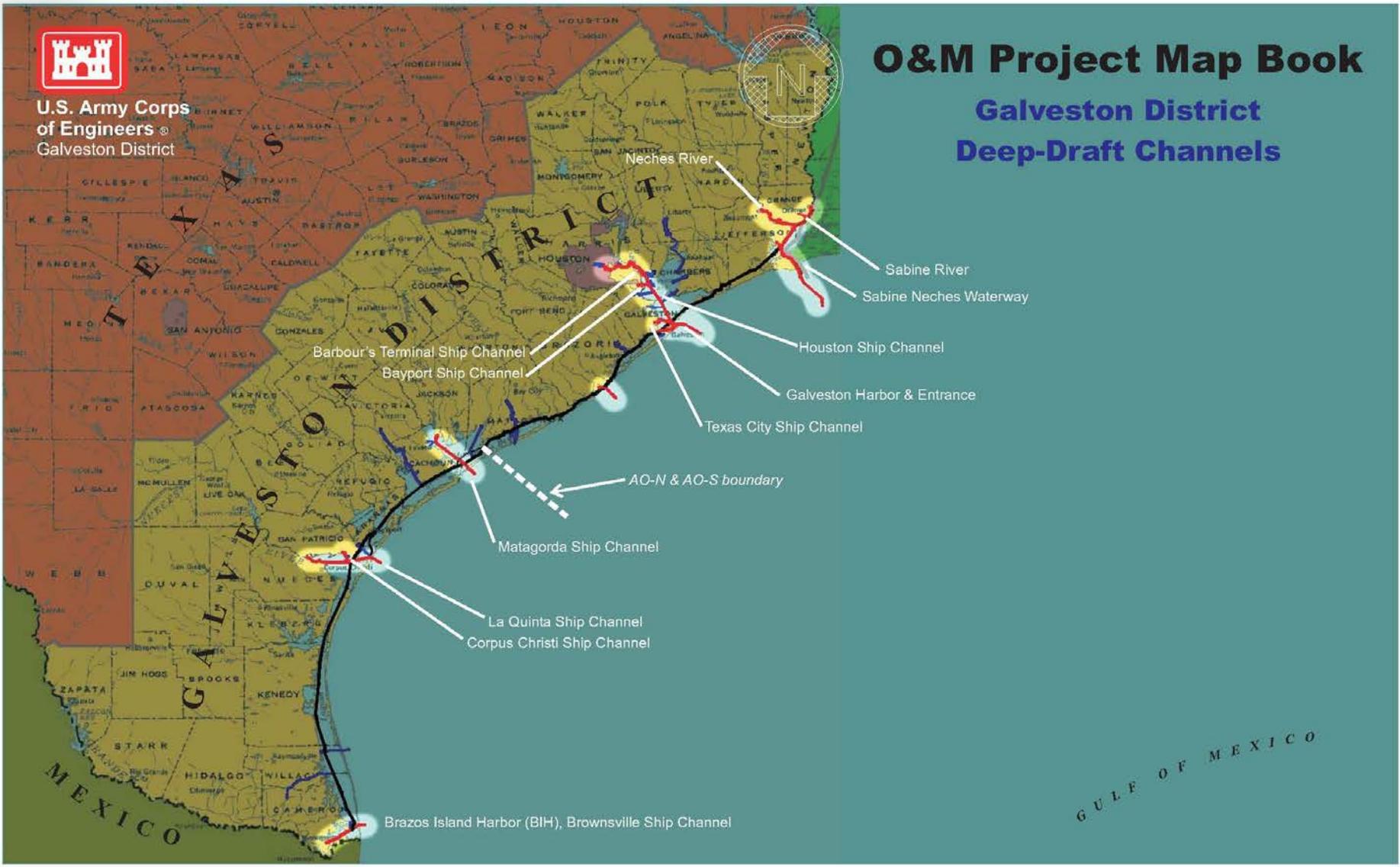
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DEEP DRAFT FY16 CONTRACT SCHEDULES





Sabine-Neches Waterway





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:	3,000,000 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:	August 5, 2016
Est. Completion Date:	January 18, 2017



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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:	2,500,000 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
Start Date:	September 1, 2016
Est. Completion Date:	December 14, 2016

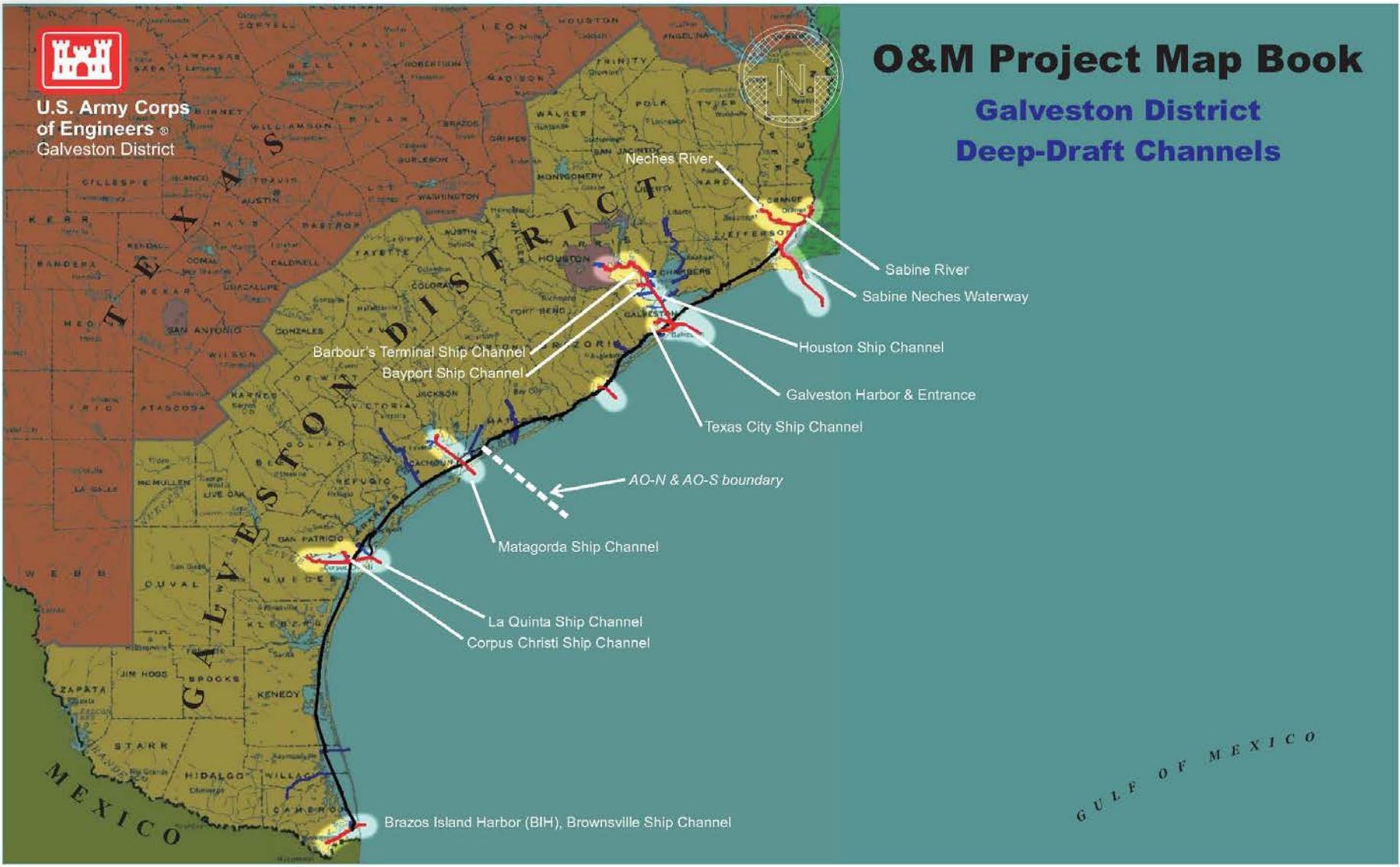
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DEEP DRAFT FY17 PLANNED CONTRACT SCHEDULES





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:	3,000,000 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
Award:	September 20, 2017

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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:	2,500,000 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:	September 22, 2017

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Texas City Channel

Nancy C. Young, P.E.
*Operations Manager
Navigation Branch
03 December 2015*

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TEXAS CITY CHANNEL MAIN CHANNEL AND TURNING BASIN



Project:	Texas City Channel Main Channel and Turning Basin
Dredging Depth:	47 ft. Required Depth
Dredging Width:	400 - 1200 ft.
Dredging Length:	Varies
Dredging Quantity:	1,500,000 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:	October 15, 2016



Questions Comments?



For more information, contact:

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U.S. Army Corps of Engineers, Galveston
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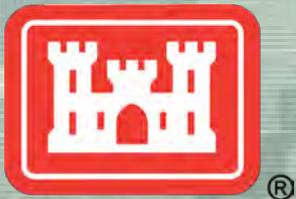
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Galveston Harbor and Channel & Houston Ship Channel

Tricia Campbell, P.E.
*Operations Manager
Navigation Branch
03 December 2015*

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Custodians of the Coast



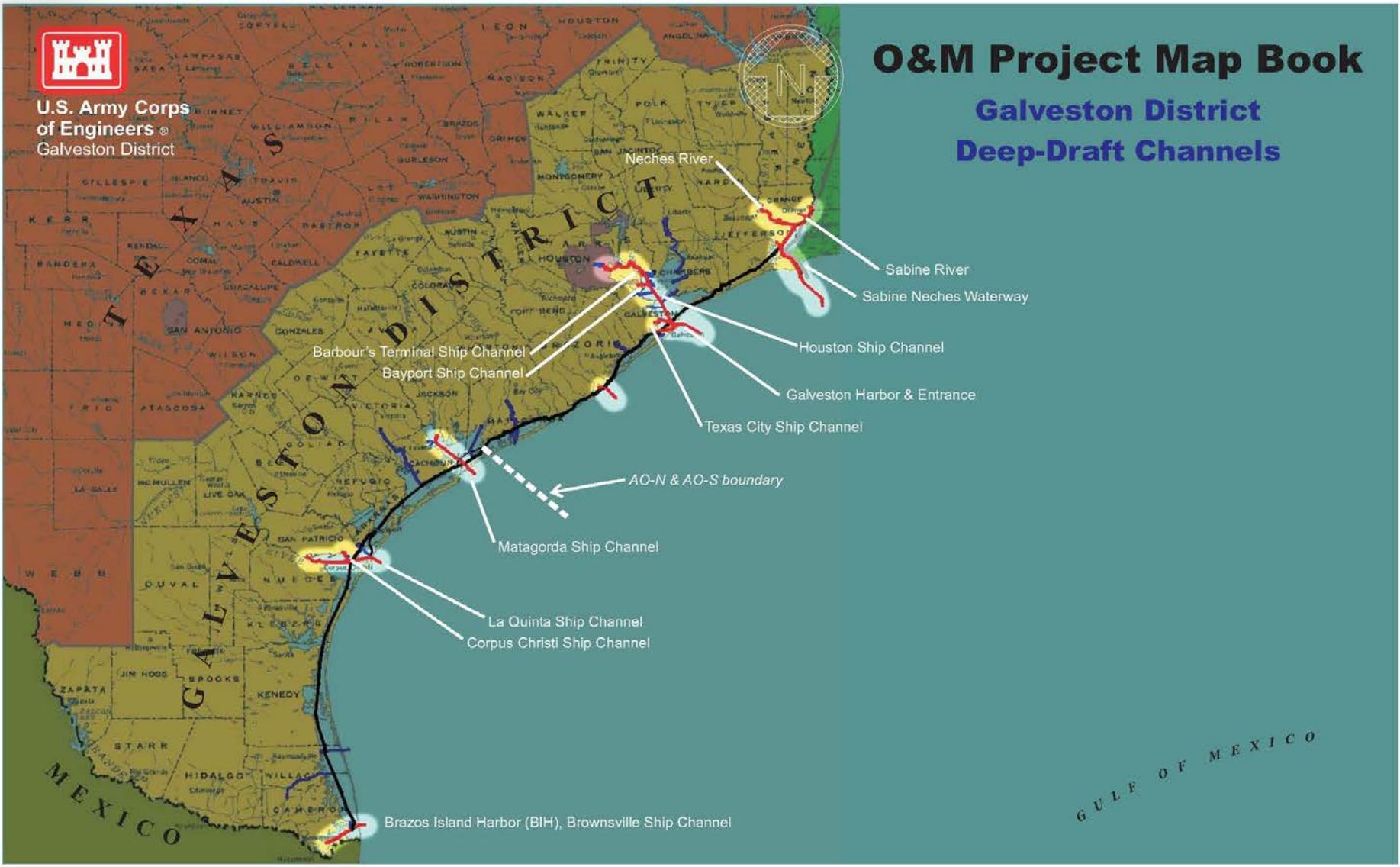
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DEEP DRAFT FY16 CONTRACT SCHEDULES





HOUSTON SHIP CHANNEL – GALVESTON HARBOR TEXAS CITY SHIP CHANNEL



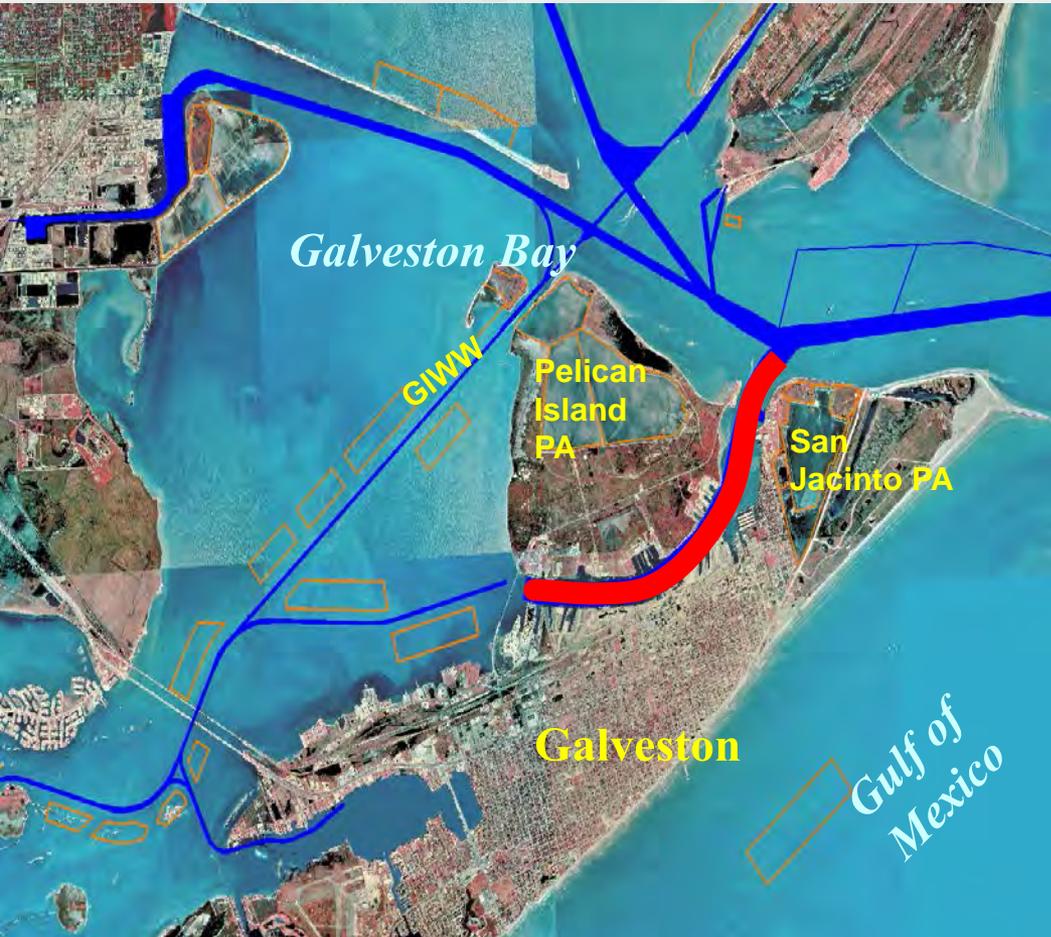
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GALVESTON HARBOR

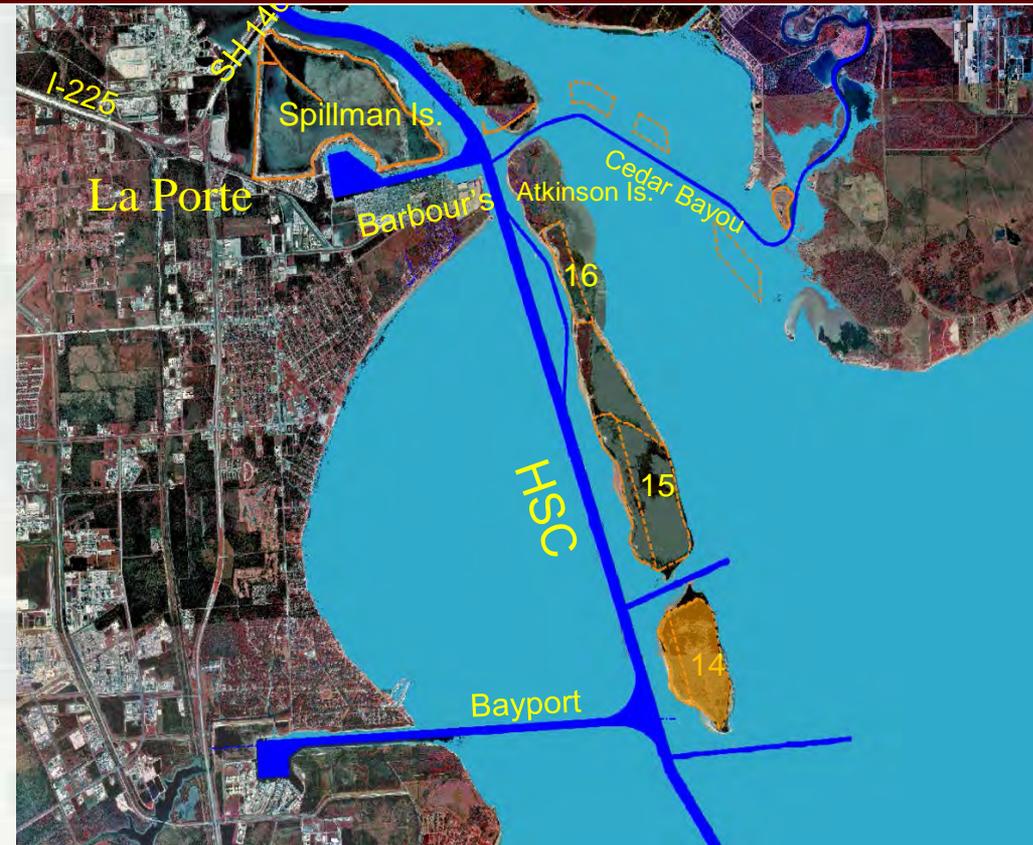


Project:	Galveston Harbor Channel
Dredging Depth:	41 - 46 ft. Required Depth
Dredging Width:	Varies
Dredging Length:	Varies
Dredging Quantity:	2,000,000 cubic yards
Material Type:	Silt
Placement Area:	Offshore
Distance to Place Area:	8 Miles Avg.
Type of Equipment:	Hopper Dredge
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	April 25, 2016
Est. Completion Date:	July 15, 2016





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
Est. Start Date:	April 1, 2016
Est. Completion Date:	October 15, 2016

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HOUSTON SHIP CHANNEL MORGAN'S POINT TO EXXON & BARBOURS CUT CHANNEL



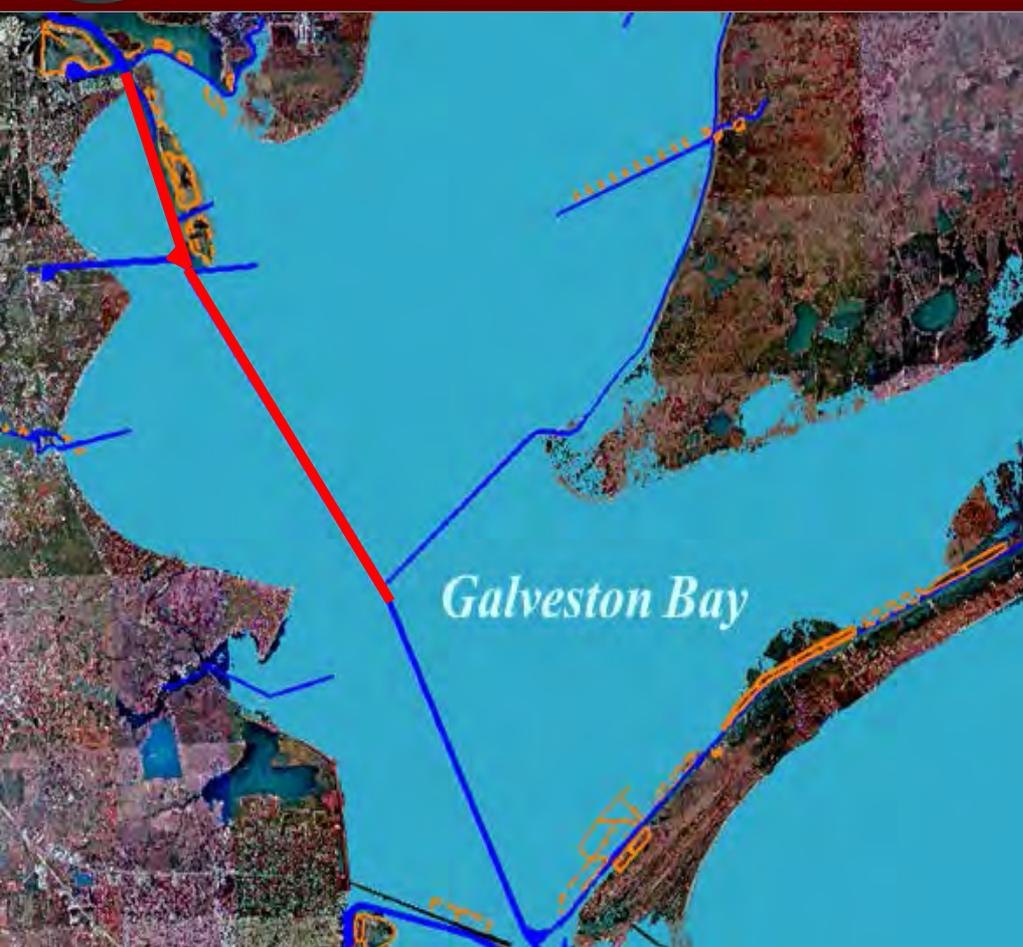
Project:	Houston Ship Channel Morgan's Point to Exxon & Barboours Cut Channel
Dredging Depth:	49 ft. (HSC) & 47 ft. (Barboours) Required Depth
Dredging Width:	Varies
Dredging Length:	Varies
Dredging Quantity:	2,500,000 cubic yards
Material Type:	Silt
Placement Area:	Alexander Island
Distance to Place Area:	1 Mile Avg.
Type of Equipment:	Pipeline
Env. Window:	NA
Est. Start Date:	May 23, 2016
Est. Completion Date:	December 9, 2016



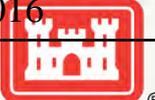


HOUSTON SHIP CHANNEL

BAYPORT FLARE AND REDFISH REEF TO MORGANS POINT



Project:	Houston Ship Channel - Bayport Flare and Redfish Reef to Morgan's Point
Dredging Depth:	47 ft. Required Depth
Dredging Width:	530 ft.
Dredging Length:	Varies
Dredging Quantity:	1,500,000 Maintenance 2,000,000 New Work
Material Type:	Sand/Silt
Placement Area:	Marsh Cells 7/8/9 and Mid-Bay PA
Dist. 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
Est. Start Date:	September 23, 2016
Est. Completion Date:	January 21, 2018



Galveston District – Dredging Meeting - Custodians of the Coast



HOUSTON SHIP CHANNEL ROSA ALLEN CONTAINMENT DIKE RAISE



Project:	Houston Ship Channel Rosa Allen Containment Dike Raise
Type of Work:	Levee Raising
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Silt/Clay
Placement Area:	Rosa Allen
Distance to Place Area:	NA
Type of Equipment:	Dragline/Earthmoving Equipment
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	November 12, 2016
Est. Completion Date:	September 8, 2017





HOUSTON SHIP CHANNEL SPILMAN ISLAND PA DEWATERING

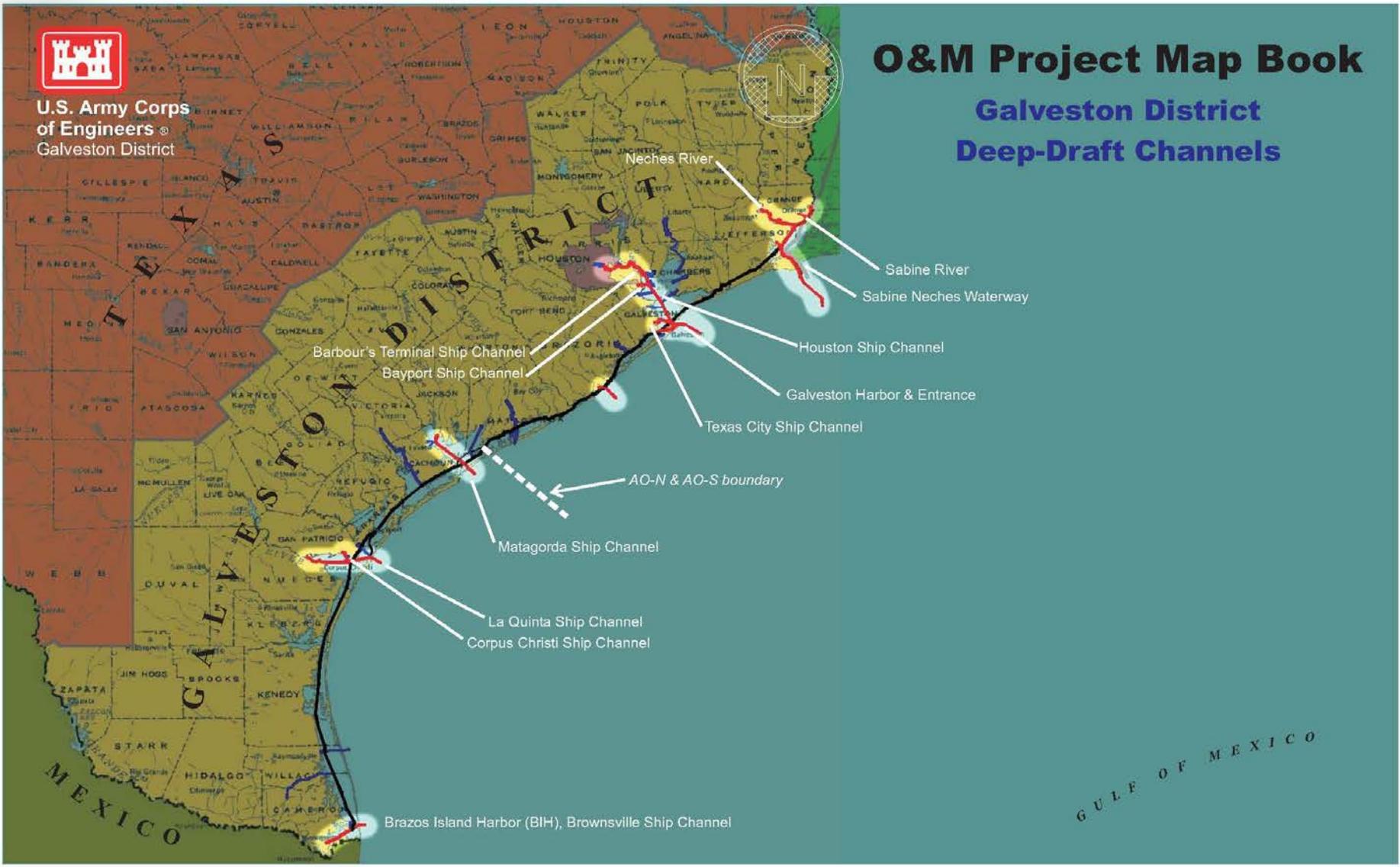


Project:	Houston Ship Channel Spilman Island PA Dewatering
Type of Work:	Dewatering
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Silt/Clay
Placement Area:	Spilman Island
Distance to Place Area:	NA
Type of Equipment:	Marsh Buggy/ Excavation Equipment
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	October 21, 2016
Est. Completion Date:	April 17, 2017



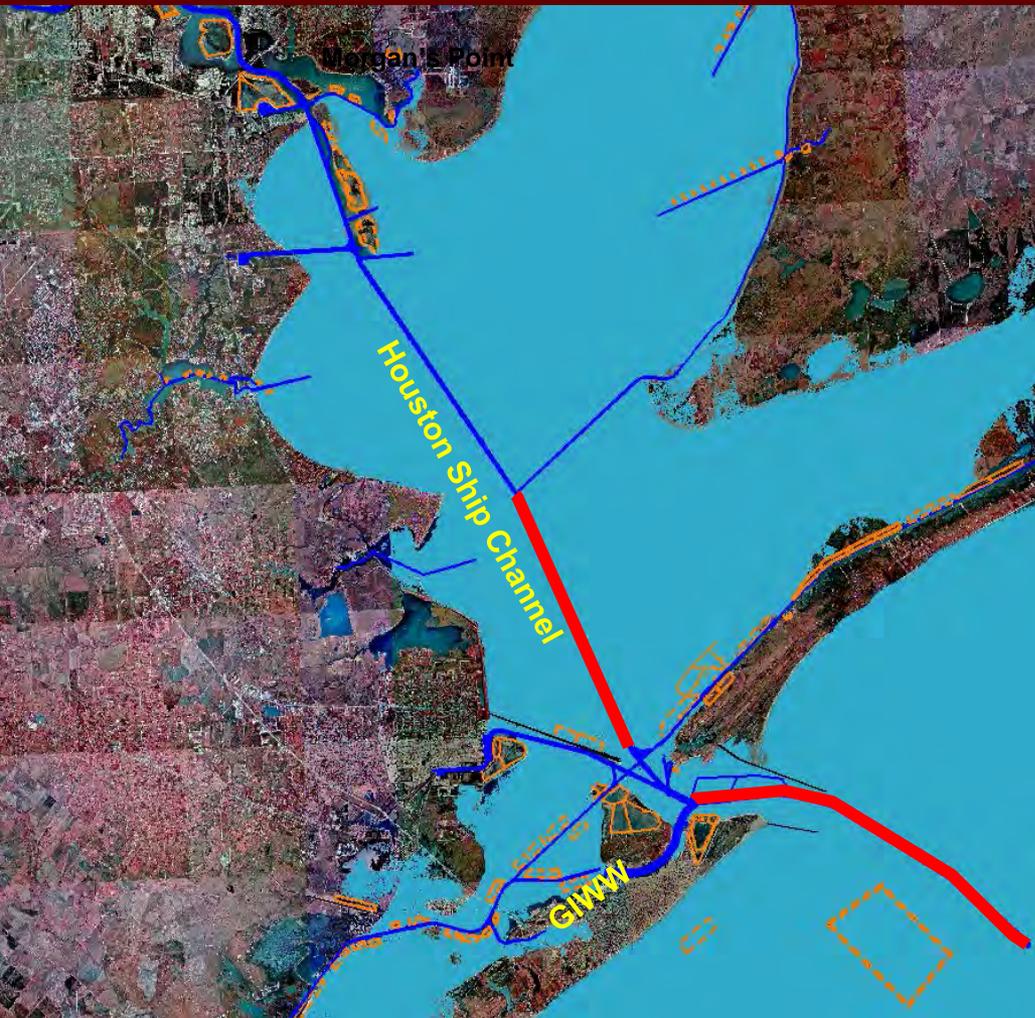


DEEP DRAFT FY17 PLANNED CONTRACT SCHEDULES





GALVESTON ENTRANCE CHANNEL AND HSC - BOLIVAR ROADS TO REDFISH



Project:	Galveston Harbor - Galveston Entrance Channel and Houston Ship Channel - Bolivar Roads to Redfish
Dredging Depth:	47-49 ft. Required Depth
Dredging Width:	800-1000 ft.
Dredging Length:	Varies
Dredging Quantity:	2,500,000 cubic yards
Material Type:	Silt/Sand
Placement Area:	Offshore/BU
Distance to Place Area:	1-8 Mile Avg.
Type of Equipment:	Hopper
Env. Window:	NA
Reason for Window:	NA
Award:	February 15, 2017

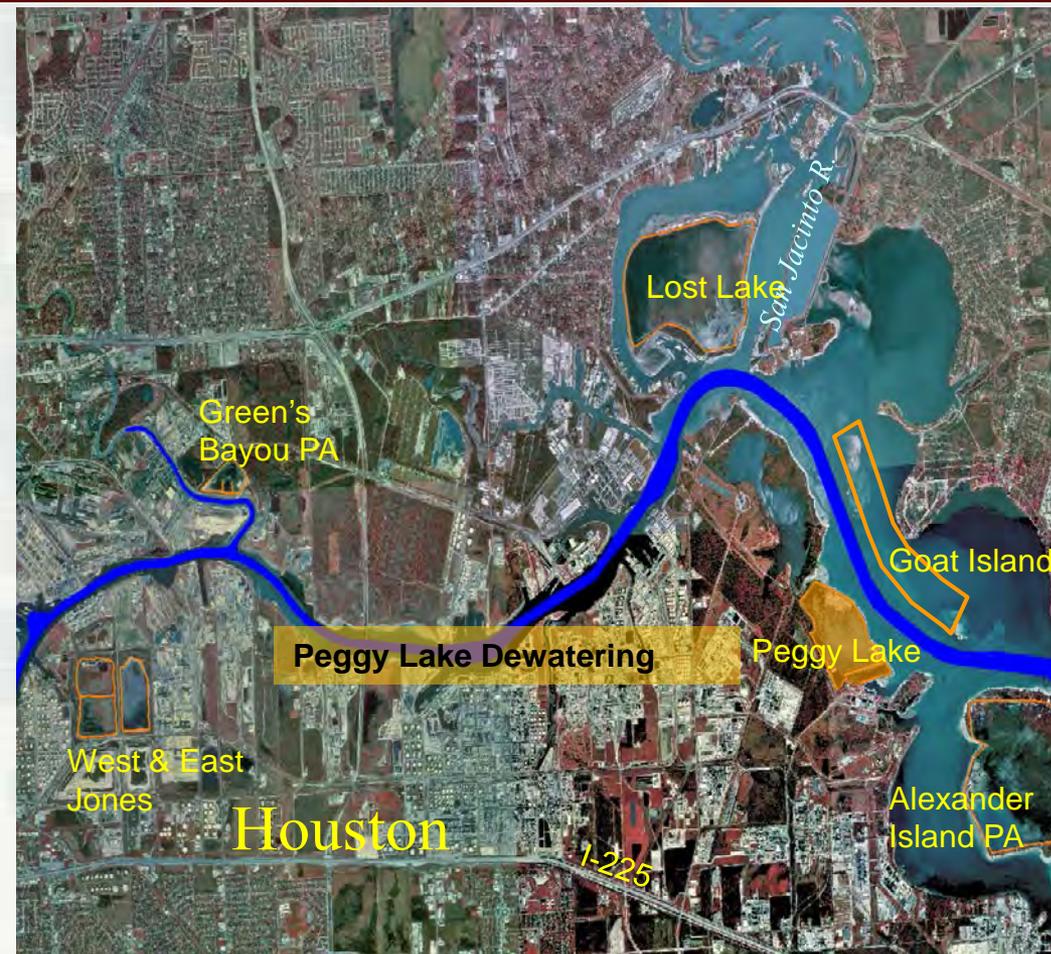
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HOUSTON SHIP CHANNEL PEGGY LAKE PA DEWATERING



Project:	Houston Ship Channel Peggy Lake PA Dewatering
Type of Work:	Dewatering
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Silt/Clay
Placement Area:	NA
Distance to Place Area:	NA
Type of Equipment:	Marsh Buggy/ Excavation Equipment
Env. Window:	NA
Reason for Window:	NA
Award:	November 15, 2016





HOUSTON SHIP CHANNEL – HOUSE TRACT AND CLINTON PA CONTAINMENT DIKE RAISE

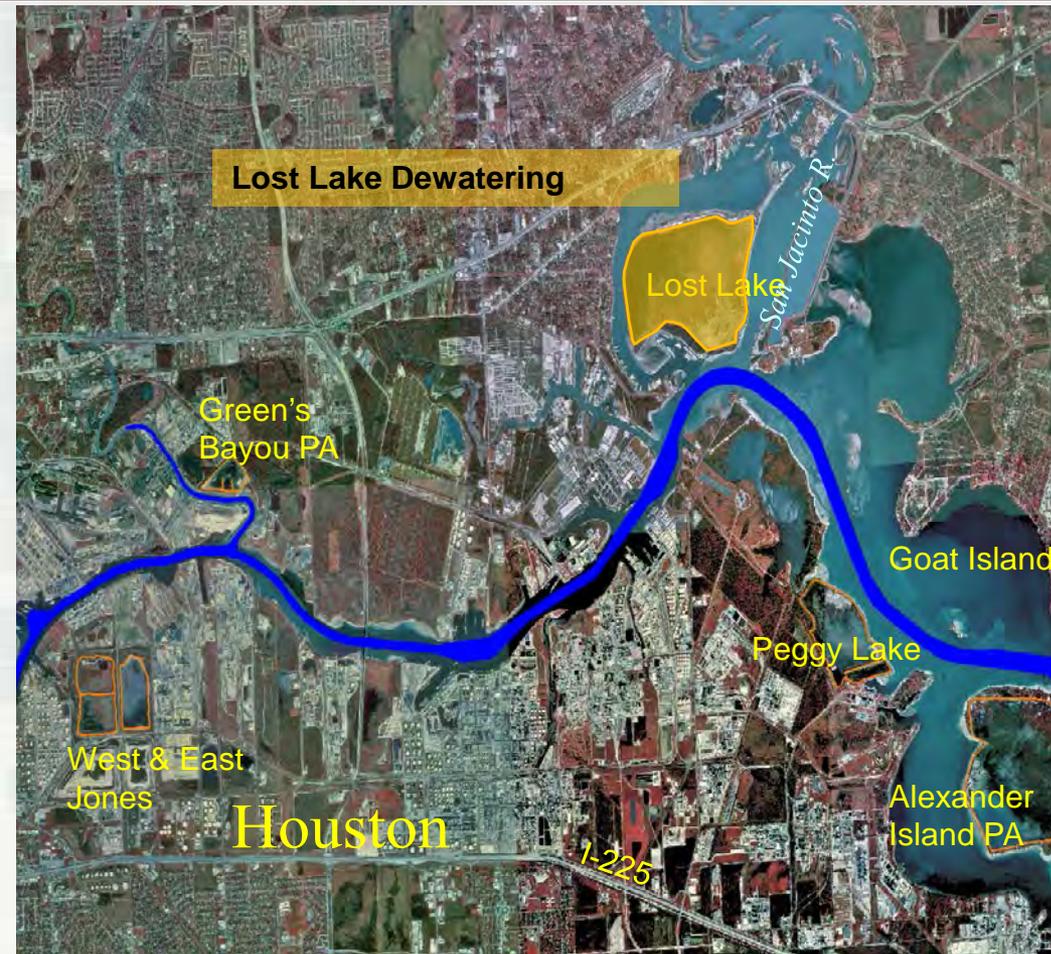


Project:	Houston Ship Channel House Tract & Clinton Containment Dike Raise
Type of Work:	Levee Raising
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Silt/Clay
Placement Area:	House Tract & Clinton
Distance to Place Area:	NA
Type of Equipment:	Dragline/Earthmoving Equipment
Env. Window:	NA
Reason for Window:	NA
Award:	February 15, 2017





HOUSTON SHIP CHANNEL LOST LAKE PA DEWATERING



Project:	Houston Ship Channel Lost Lake PA Dewatering
Type of Work:	Dewatering
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Silt/Clay
Placement Area:	NA
Distance to Place Area:	NA
Type of Equipment:	Marsh Buggy/ Excavation Equipment
Env. Window:	NA
Reason for Window:	NA
Award:	February 15, 2017

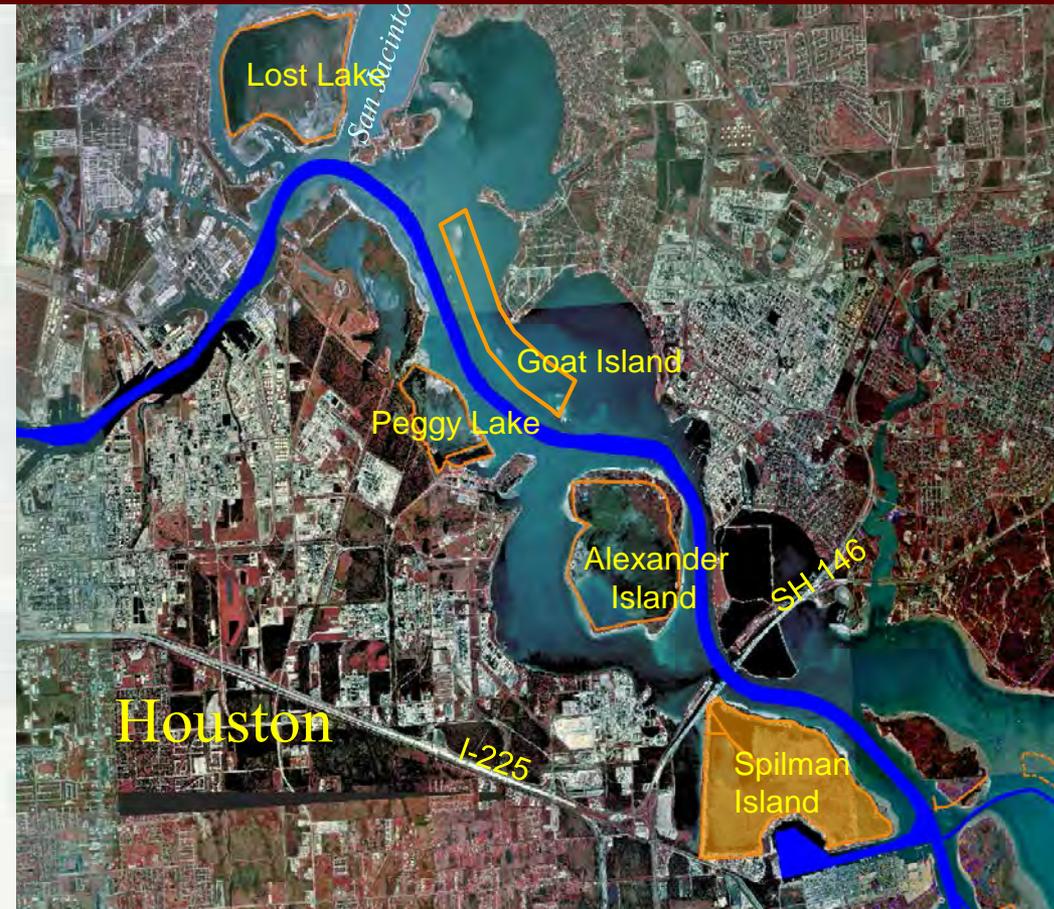
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HOUSTON SHIP CHANNEL – SPILMAN ISLAND PA CONTAINMENT DIKE RAISE

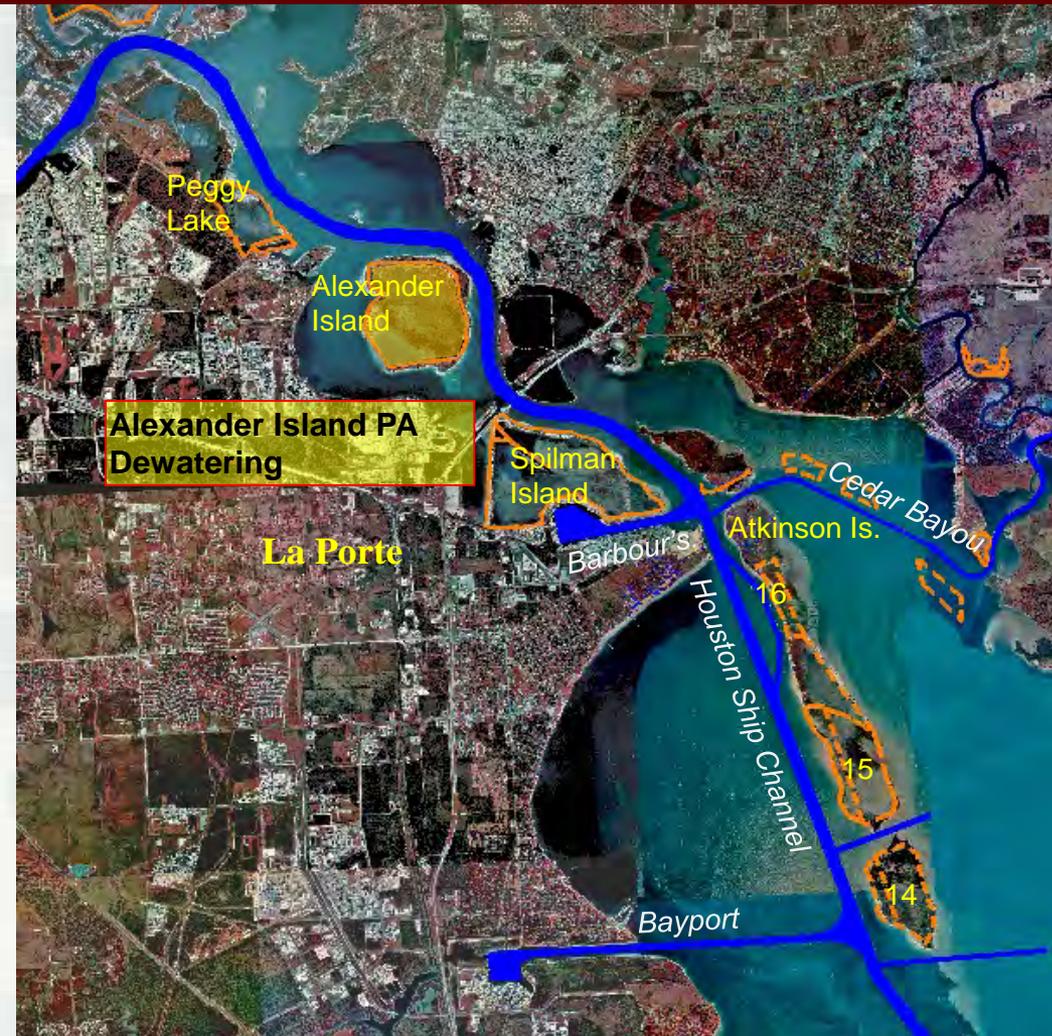


Project:	Houston Ship Channel Spilman Island PA Containment Dike Raise
Type of Work:	Levee Raising
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Silt/Clay
Placement Area:	Spilman Island
Distance to Place Area:	NA
Type of Equipment:	Dragline/Earthmoving equipment
Env. Window:	NA
Reason for Window:	NA
Award:	March 15, 2017





HOUSTON SHIP CHANNEL ALEXANDER ISLAND PA DEWATERING



Project:	Houston Ship Channel Alexander Island Dewatering
Type of Work:	Dewatering
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:	Marsh Buggy/ Excavation Equipment
Env. Window:	NA
Reason for Window:	NA
Award:	August 15, 2017

Galveston District – Dredging Meeting - Custodians of the Texas Coast



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Questions Comments?



For more information, contact:

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Freeport Harbor

CPT Robert Burnham
Operations Manager
Navigation Branch
03 December 2015

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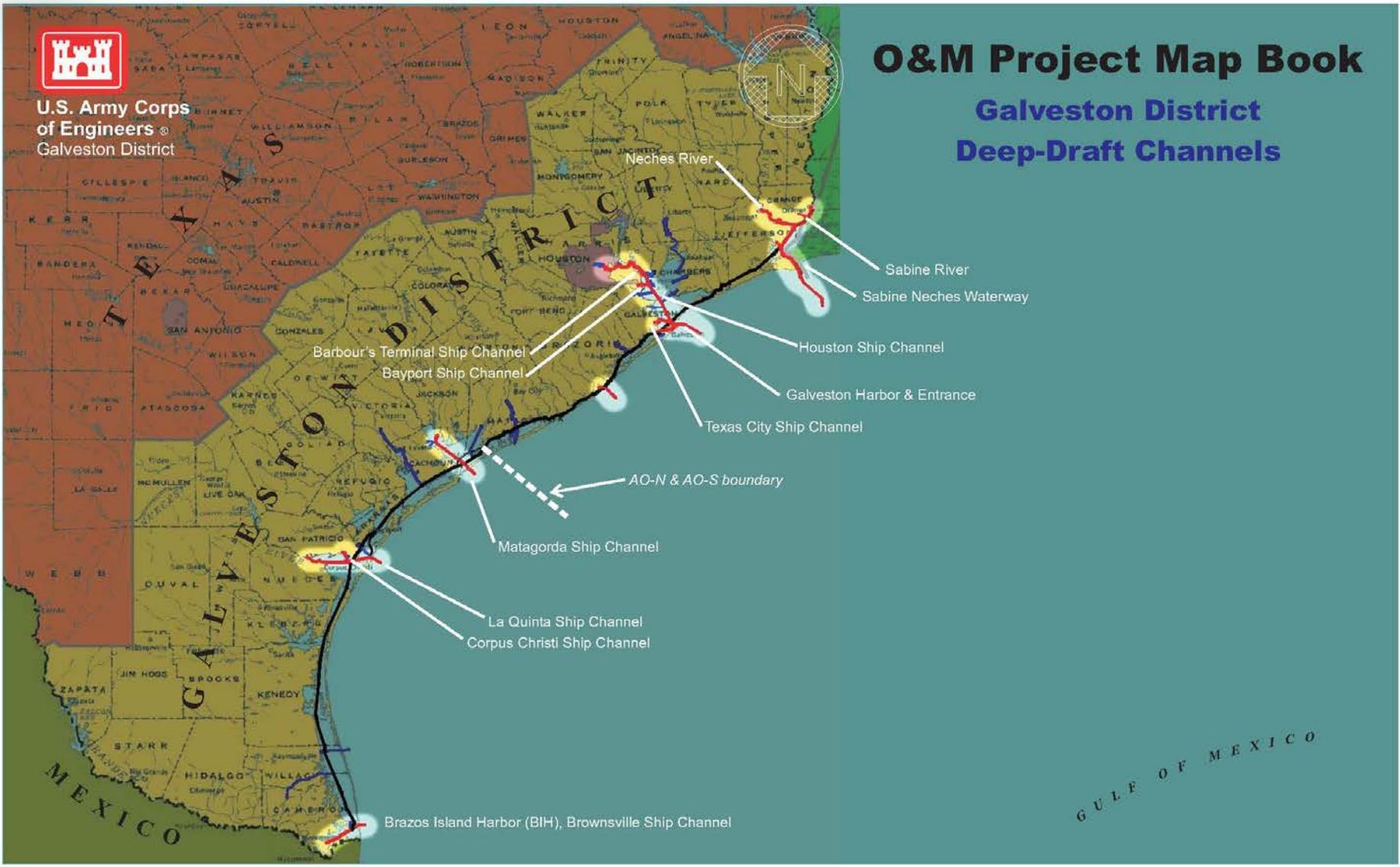
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DEEP DRAFT FY16 CONTRACT SCHEDULES





Freeport Harbor





FREEPORT HARBOR PLACEMENT AREA #1 CONTAINMENT DIKE RAISE



Project:	Freeport Harbor, TX Placement Area #1 Containment Dike Raise
Type of Work:	Levee Raising
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Sand/Silt
Placement Area (PA):	PA 1
Distance to PA:	NA
Type of Equipment:	Dragline/Earthmoving Equipment
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	April 15, 2016
Est. Completion Date:	January 20, 2017

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FREEMPORT HARBOR ENTRANCE CHANNEL

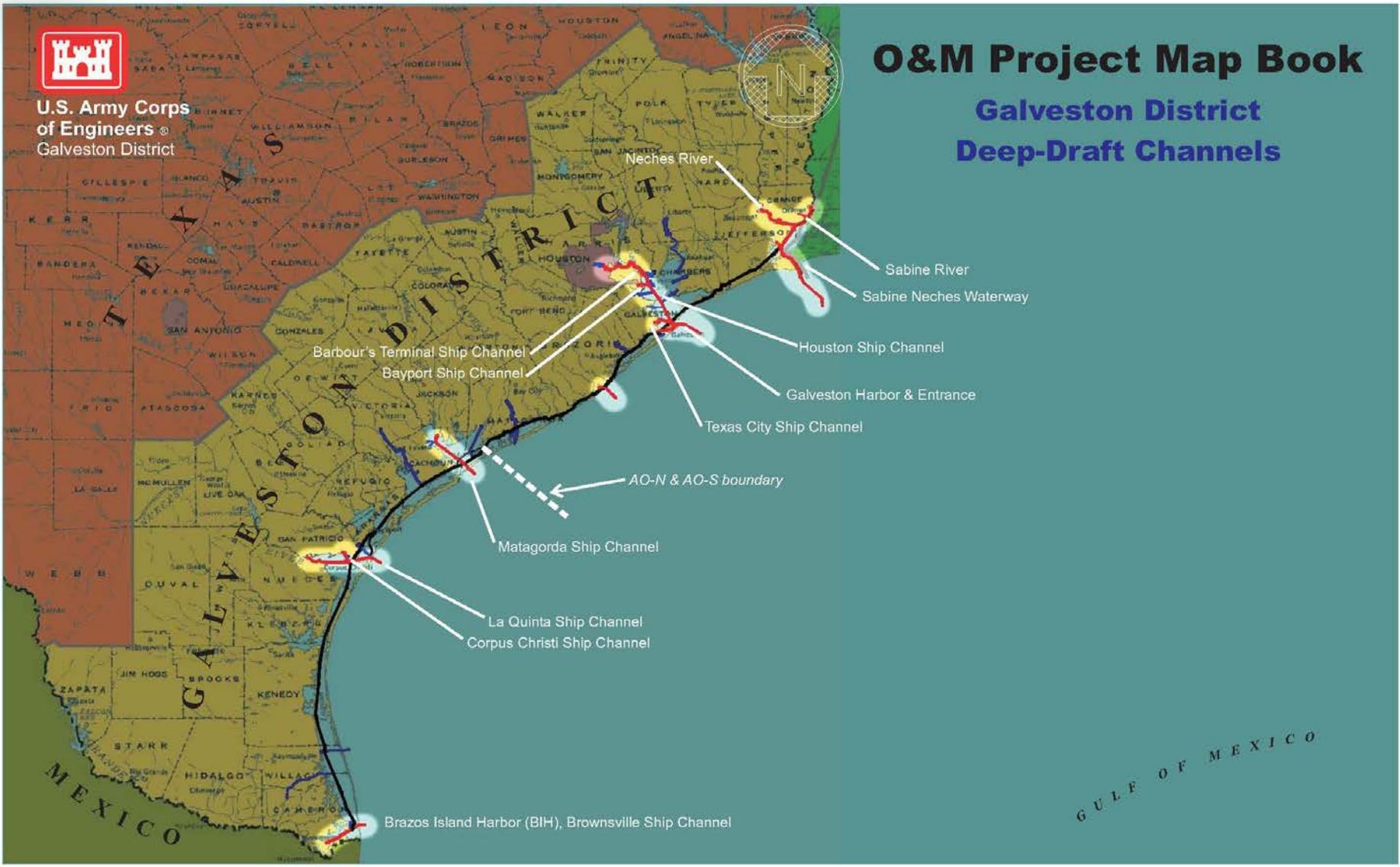


Project:	Freeport Harbor - Entrance Channel
Dredging Depth:	49 - 47 ft. Required Depth
Dredging Width:	400 ft.
Dredging Length:	Varies
Dredging Quantity:	2,600,000 cubic yards
Material Type:	Sand/Silt
Placement Area:	Offshore
Distance to Place Area:	2.5 Mile Avg.
Type of Equipment:	Hopper
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	September 5, 2016
Est. Completion Date:	November 19, 2016



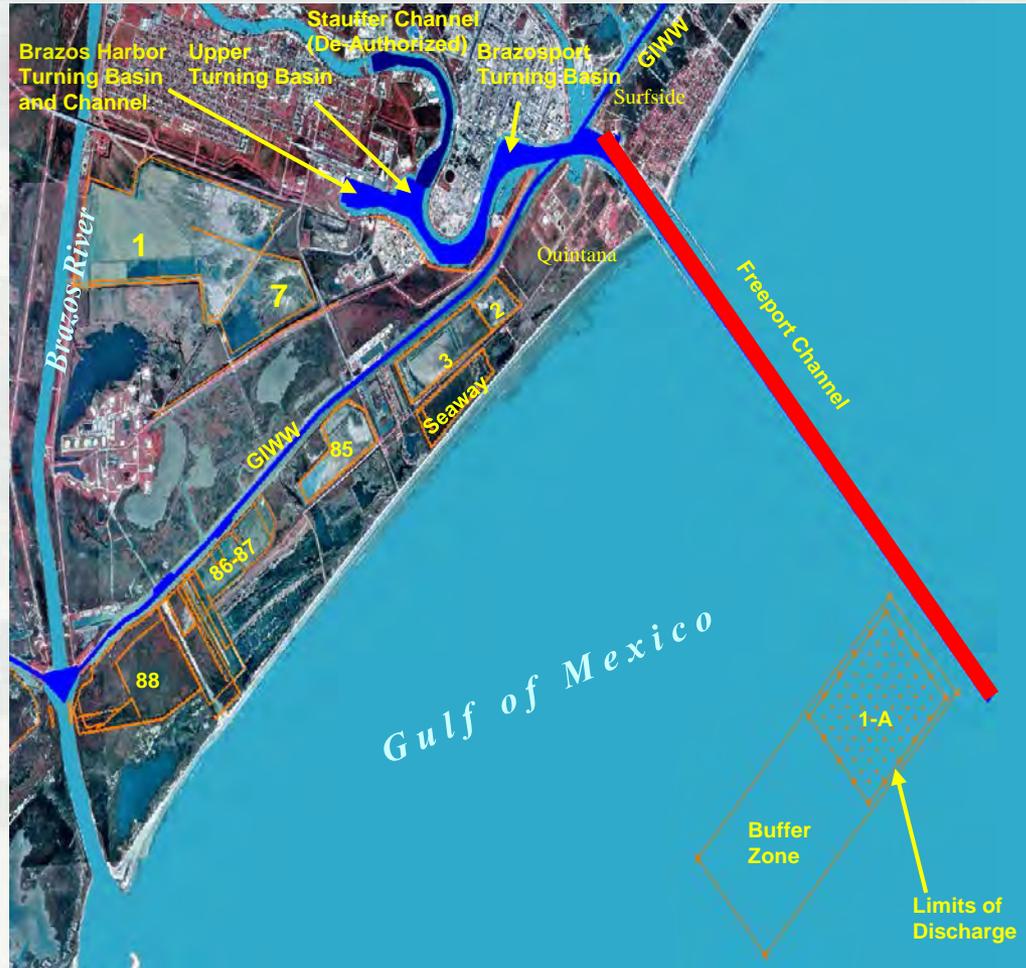


DEEP DRAFT FY17 PLANNED CONTRACT SCHEDULES





FREERPORT HARBOR ENTRANCE CHANNEL



Project:	Freeport Harbor Entrance Channel
Dredging Depth:	49 - 47 ft. Required Depth
Dredging Width:	400 ft.
Dredging Length:	Varies
Dredging Quantity:	2,500,000 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
Award:	August 15, 2017

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Questions Comments?



For more information, contact:

**CPT Robert Burnham
Operations Manager**

**Navigation Branch, Operations Division
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Robert.burnham@usace.army.mil

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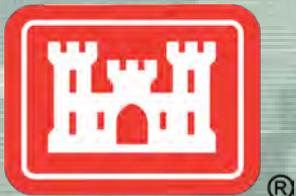
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Matagorda Ship Channel

Jackie Lockhart, P.E.
*Operation Manager
Navigation Branch
03 December 2015*

Galveston District – Dredging Meeting

Custodians of the Texas Coast



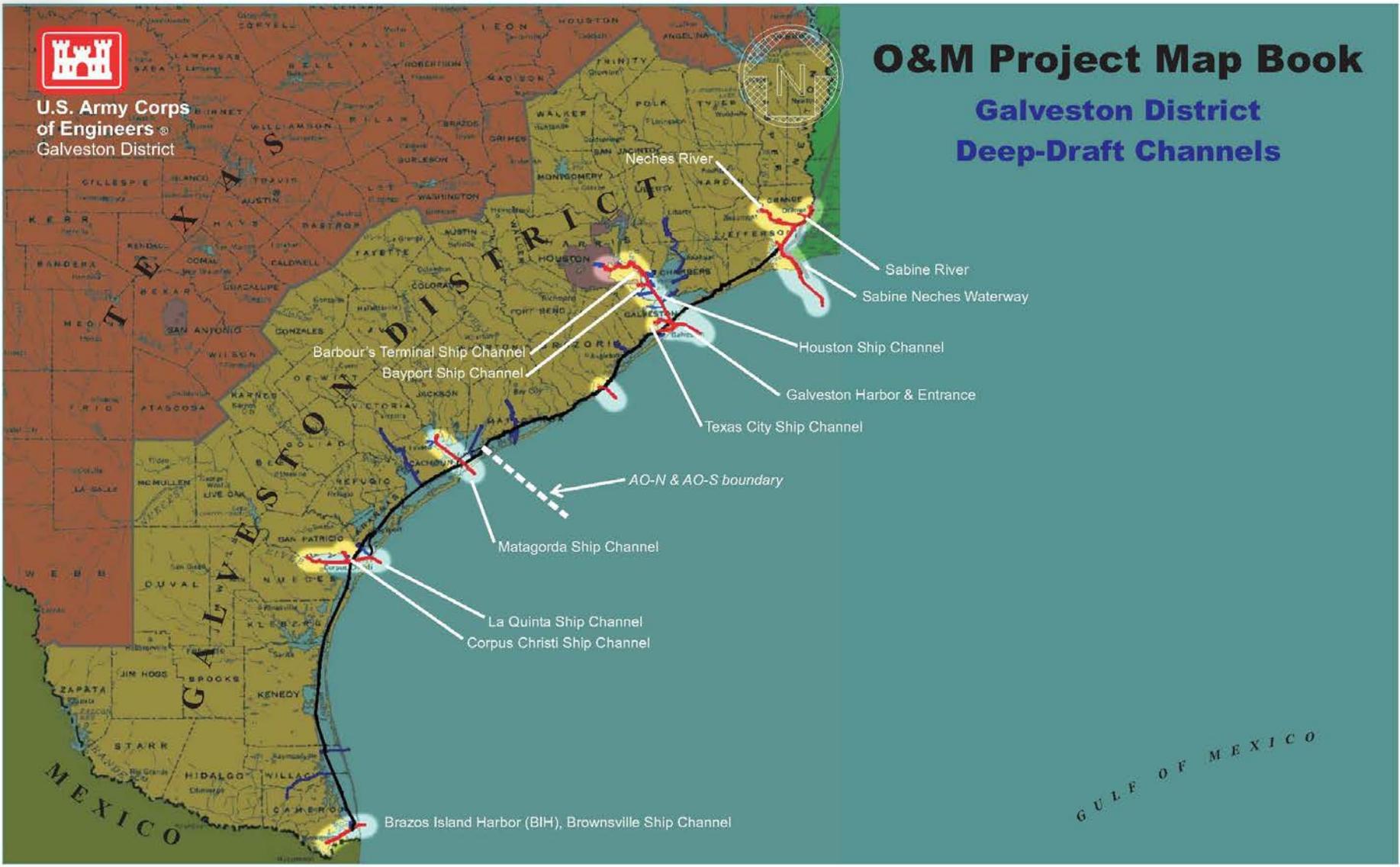
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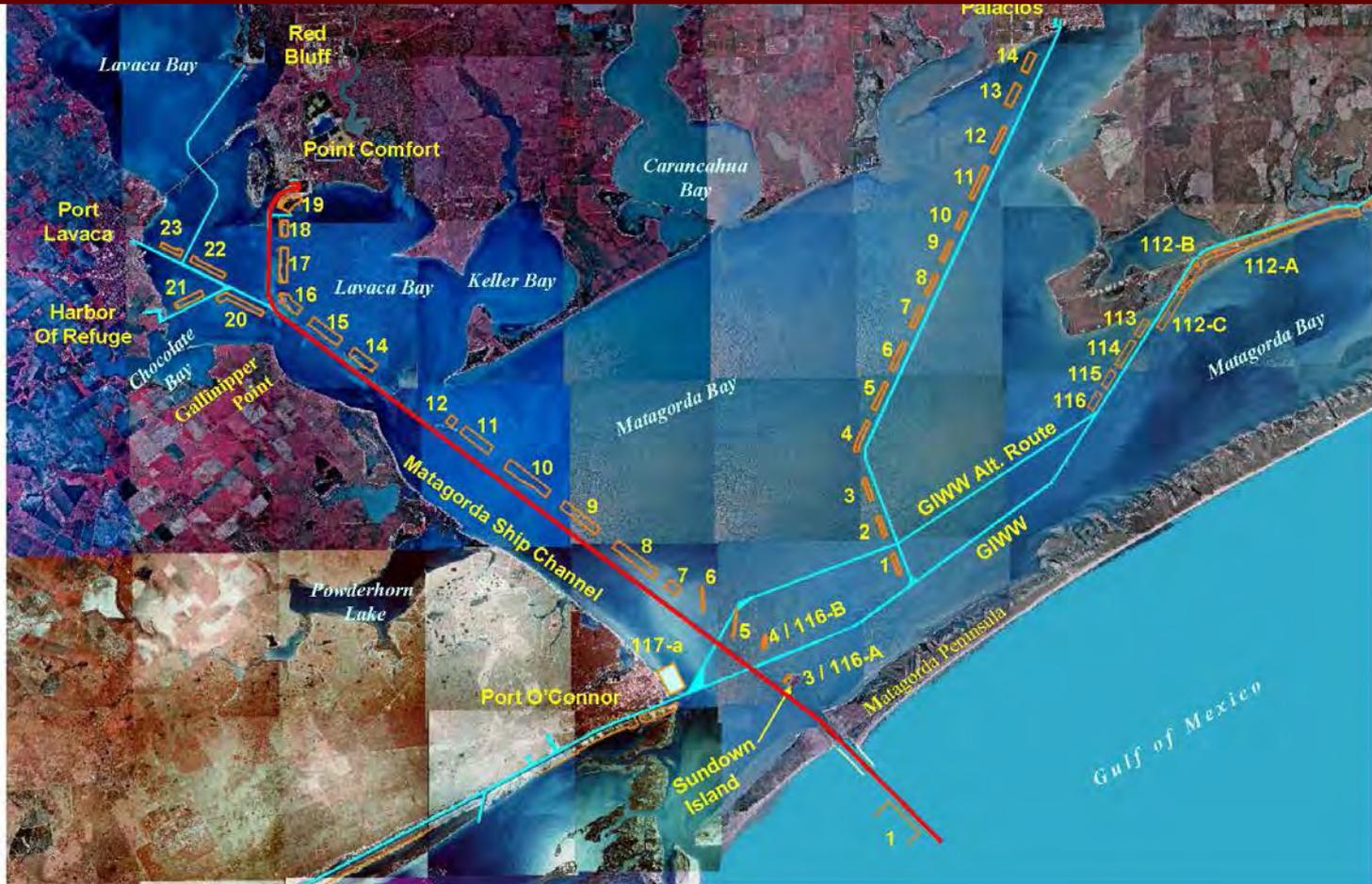


DEEP DRAFT FY16 CONTRACT SCHEDULES





Matagorda Ship Channel



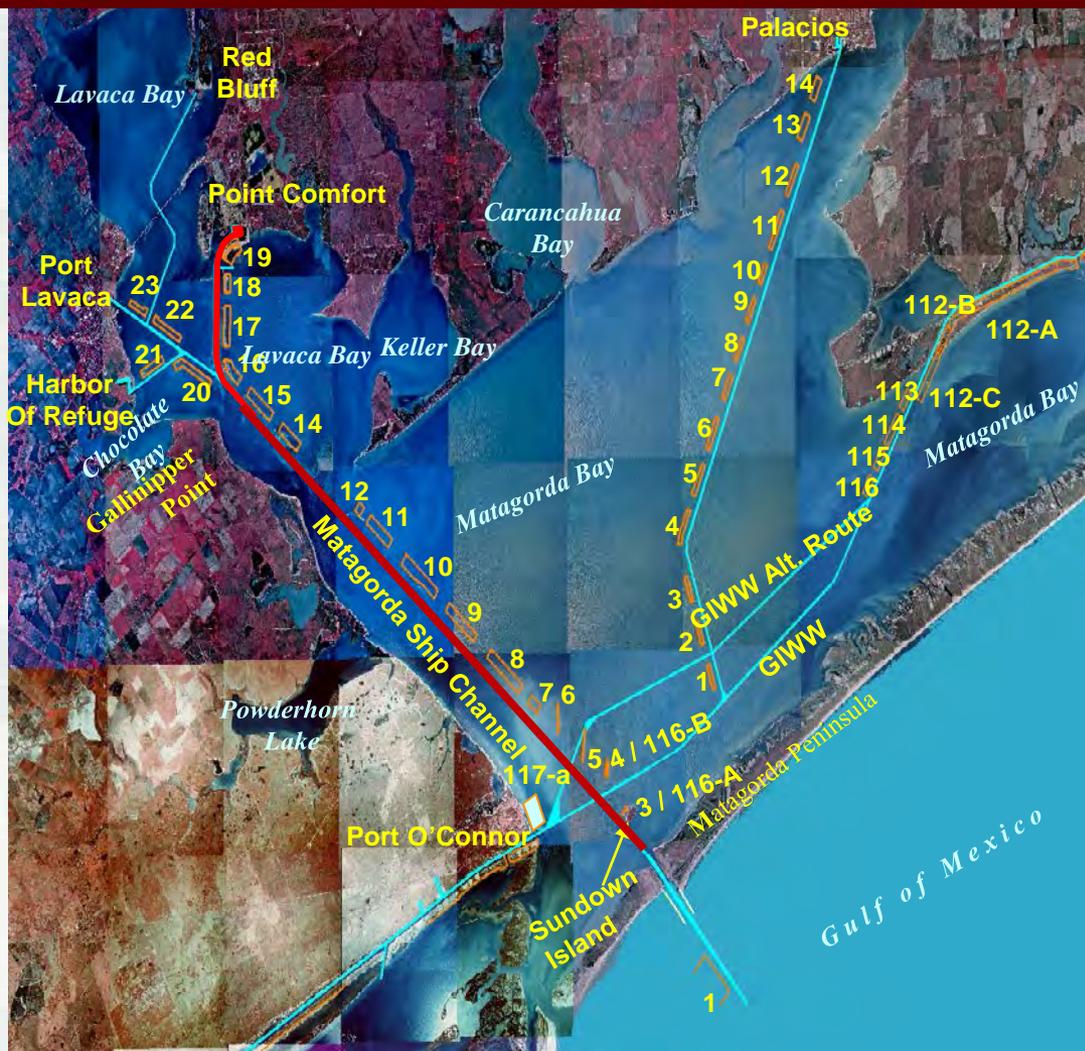
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MATAGORDA SHIP CHANNEL MATAGORDA PENINSULA TO POINT COMFORT



Project:	Matagorda Ship Channel Matagorda Peninsula to Point Comfort
Dredging Depth:	38 ft. Required Depth
Dredging Width:	200 ft.
Dredging Length:	Varies
Dredging Quantity:	3,000,000 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:	Sept 1 – Feb 28 (Open)
Reason for Window:	Nesting birds Sundown Is
Est. Start Date:	July 2016
Est. Completion Date:	Jan 2017

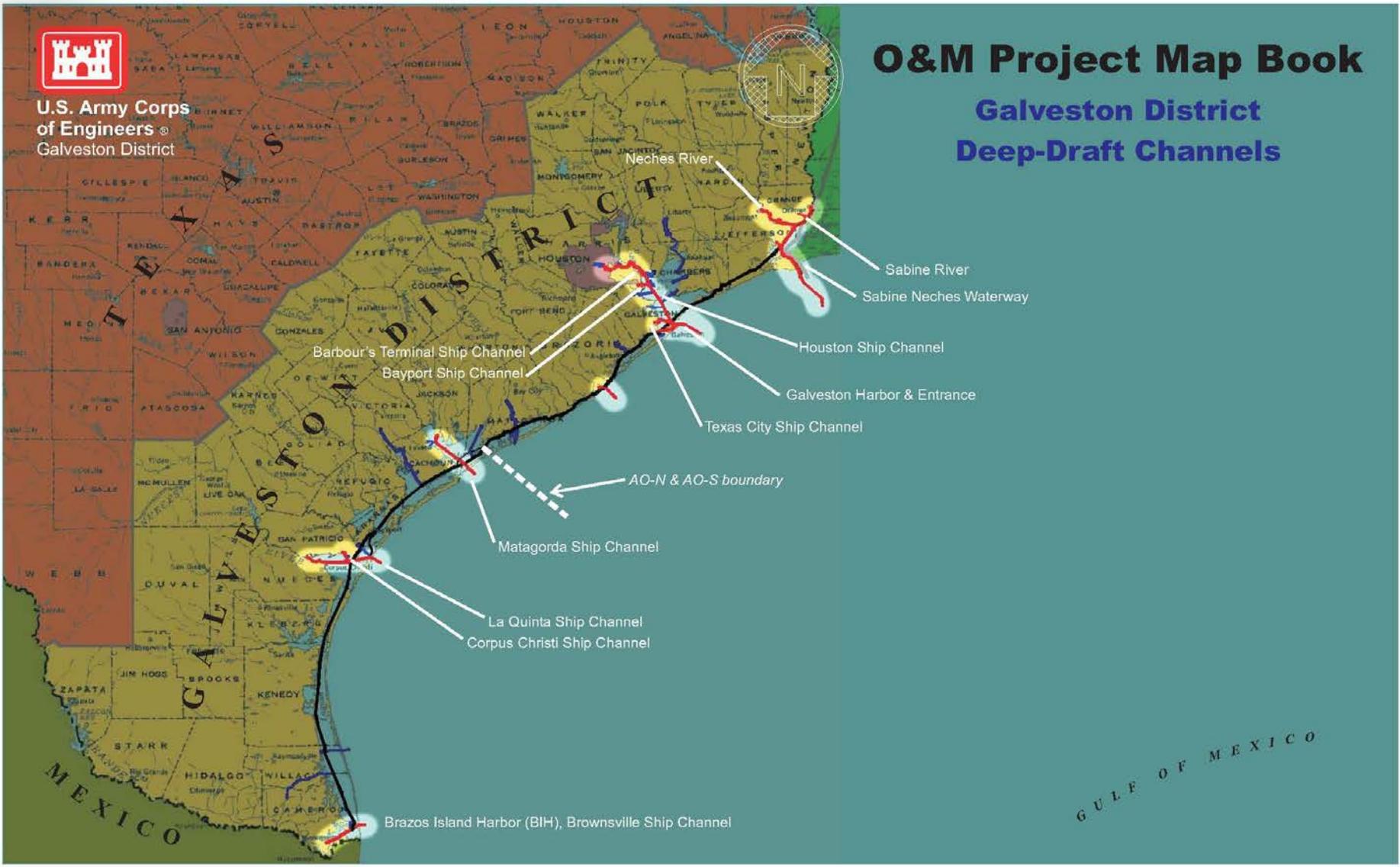
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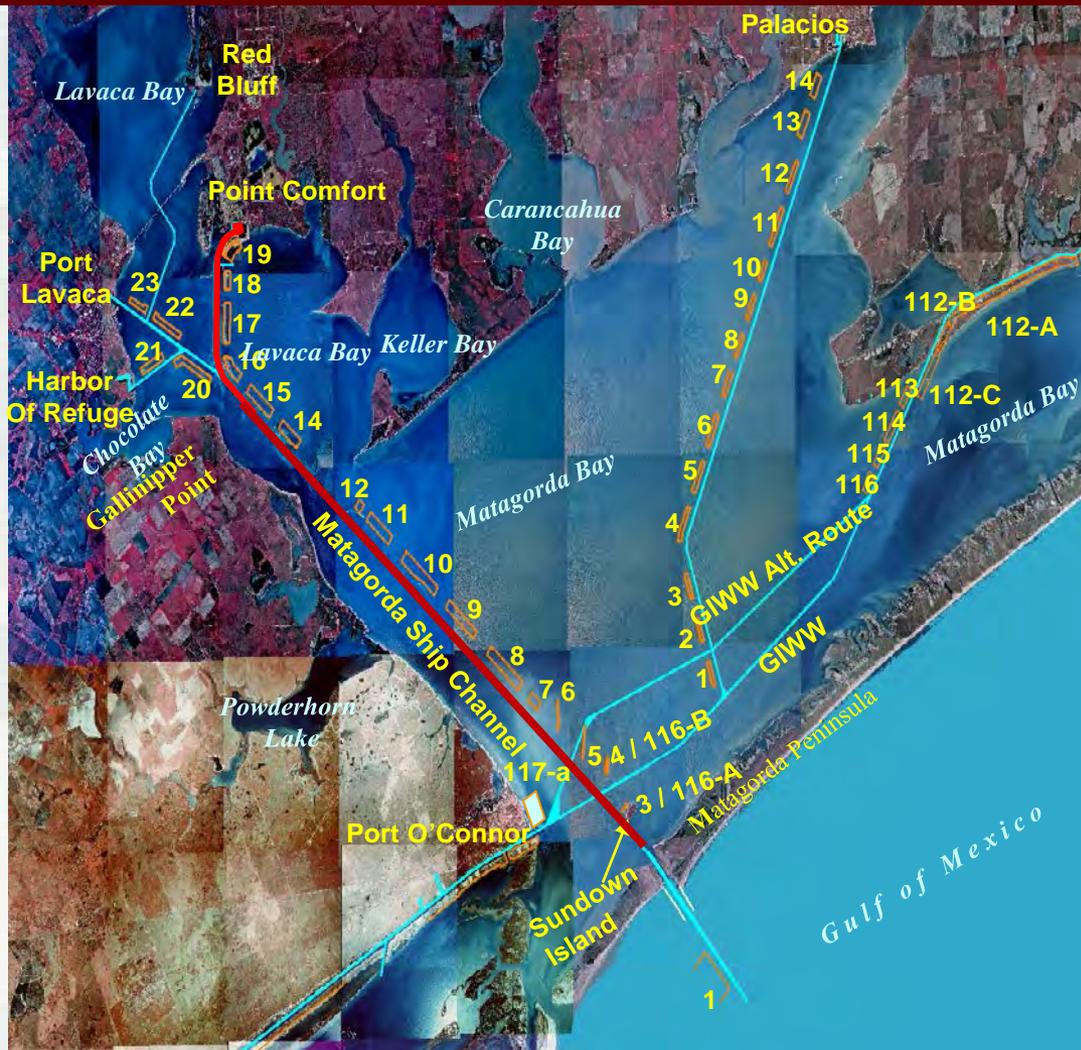


DEEP DRAFT FY17 PLANNED CONTRACT SCHEDULES





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:	3,000,000 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:	Sept 1 – Feb 28 (Open)
Reason for Window:	Nesting birds Sundown Is
Award:	September 15, 2017

Galveston District – Dredging Meeting - Custodians of the Texas Coast



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Questions Comments?



For more information, contact:

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Jacqueline.f.lockhart@usace.army.mil

Galveston District – Dredging Meeting - Custodians of the Coast



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Corpus Christi Ship Channel

Steven Howard
Operations Manager
Navigation Branch
03 December 2015

Galveston District – Dredging Meeting
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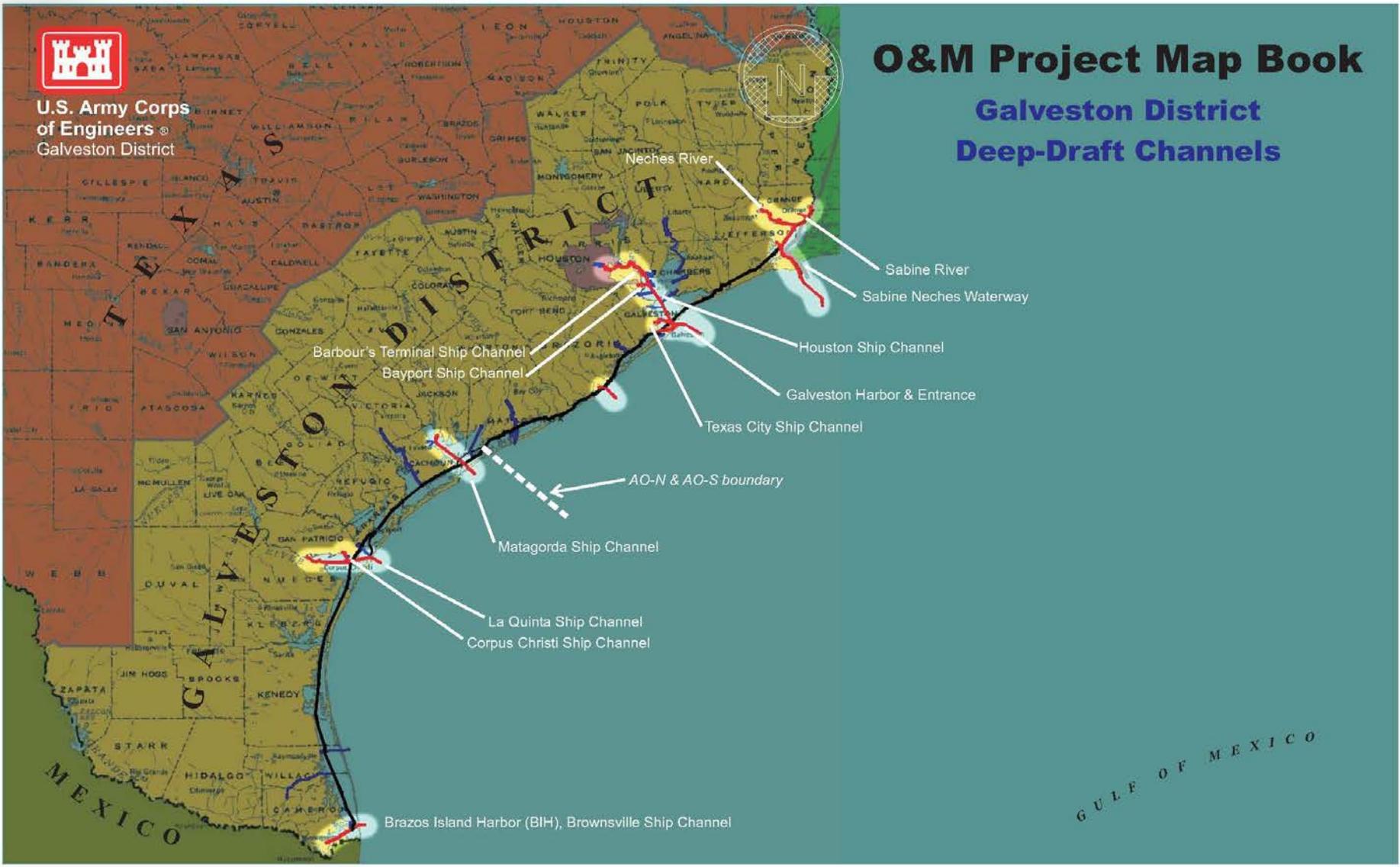
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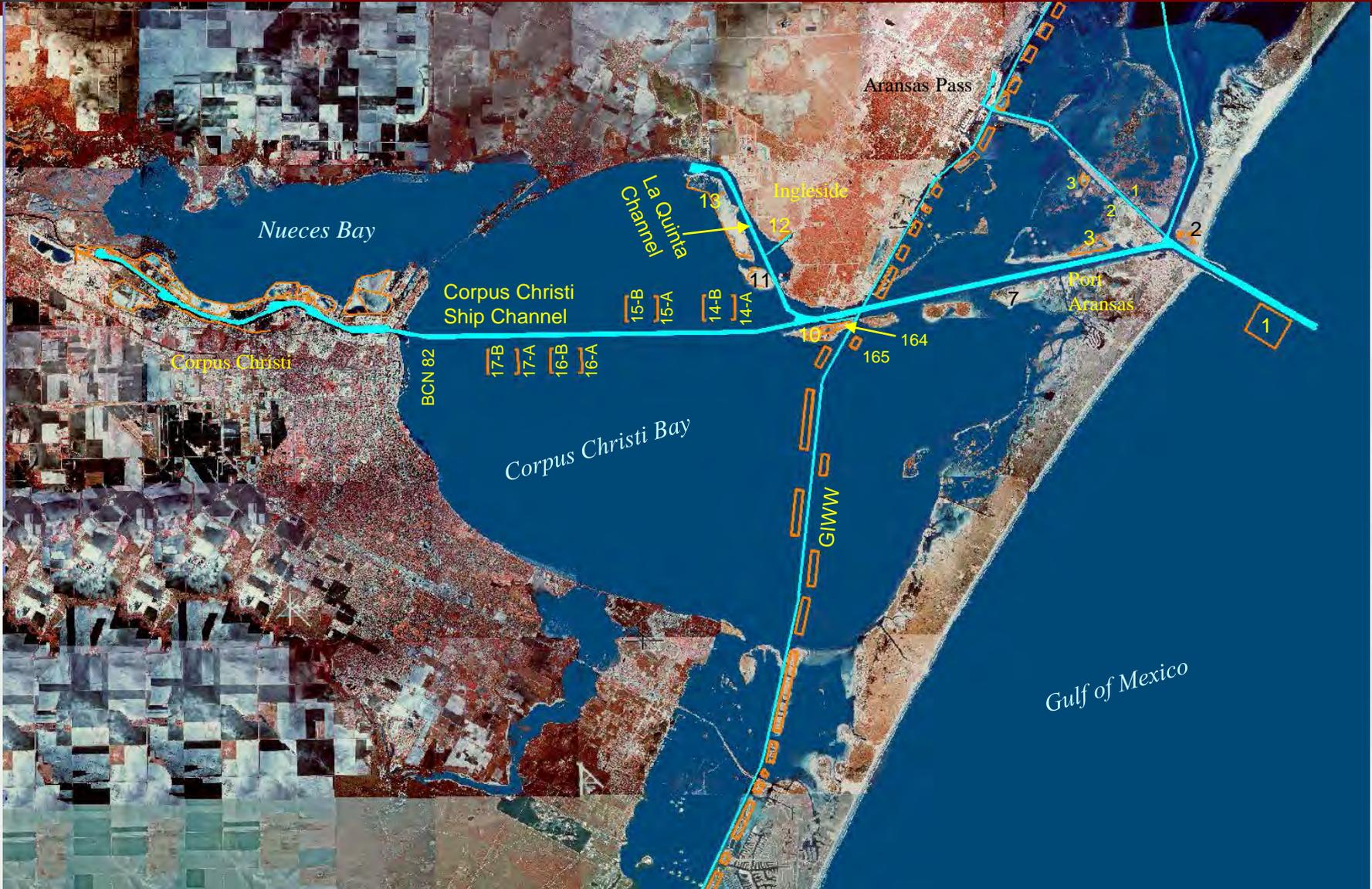


DEEP DRAFT FY16 CONTRACT SCHEDULES





Corpus Christi Ship Channel





CORPUS CHRISTI SHIP CHANNEL ENTRANCE CHANNEL



Project:	Corpus Christi Ship Channel Entrance Channel
Dredging Depth:	49 ft. Required Depth
Dredging Width:	700 - 600 ft
Dredging Length:	Varies
Dredging Quantity:	1,000,000 cubic yards
Material Type:	Silt/Sand
Placement Area:	Offshore
Distance to Placement Area:	2.5 Mile Avg.
Type of Equipment:	Hopper
Start Date:	May 15, 2016
Est. Completion Date:	August 11, 2016





CORPUS CHRISTI SHIP CHANNEL INNER BASIN TO VIOLA T.B. & LAQUINTA CHANNEL

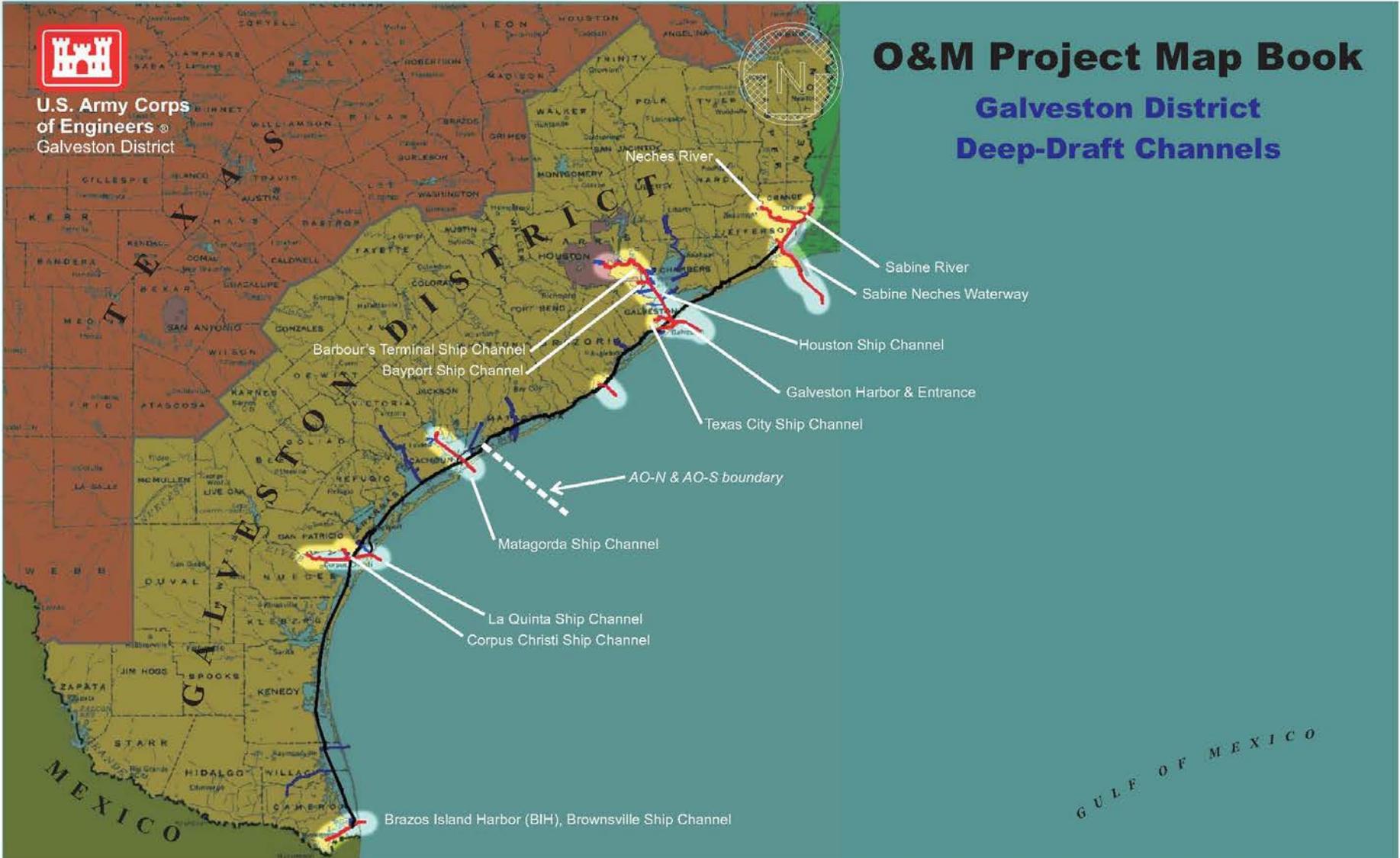


Project:	Corpus Christi Ship Channel Inner Basin to Viola Turning Basin / LaQuinta Channel
Dredging Depth:	47-ft. Required Depth
Dredging Width:	300-400ft.
Dredging Length:	Varies
Dredging Quantity:	2,500,000 cubic yards
Material Type:	Silt / Sand
Placement Area:	Open Water and Upland
Distance to Placement Area:	1-4 Miles
Type of Equipment:	Pipeline Dredge
Env. Window	Sep. – Feb. (Open)
Reason for Window:	Nesting Birds PA 7-8
Start Date:	September 2, 2016
Est. Completion Date:	January 25, 2017





DEEP DRAFT FY17 PLANNED CONTRACT SCHEDULES





CORPUS CHRISTI SHIP CHANNEL PA 13 CONTAINMENT DIKE RAISE



Project:	Corpus Christi Ship Channel PA 13 Containment Dike Raise
Type of Work:	Levee Raising
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	NA
Placement Area:	PA 13
Distance to Placement Area:	NA
Type of Equipment:	Dragline/Earthmoving Equipment
Env. Window:	NA
Reason for Window:	NA
Award:	May 23, 2017



Questions Comments?



For more information, contact:

Steven Howard

Operations Manager

409-766-3026

steven.b.howard@usace.army.mil

**Navigation Branch, Operations Division
U.S. Army Corps of Engineers, Galveston**

Galveston District – Dredging Meeting - Custodians of the Coast



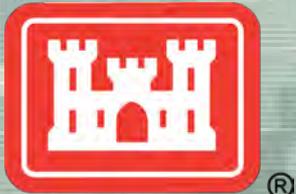
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Brazos Island Harbor (BIH)

Seth Jones
Operation Manager
Navigation Branch
October 23, 2014

Galveston District – Dredging Meeting

Custodians of the Texas Coast



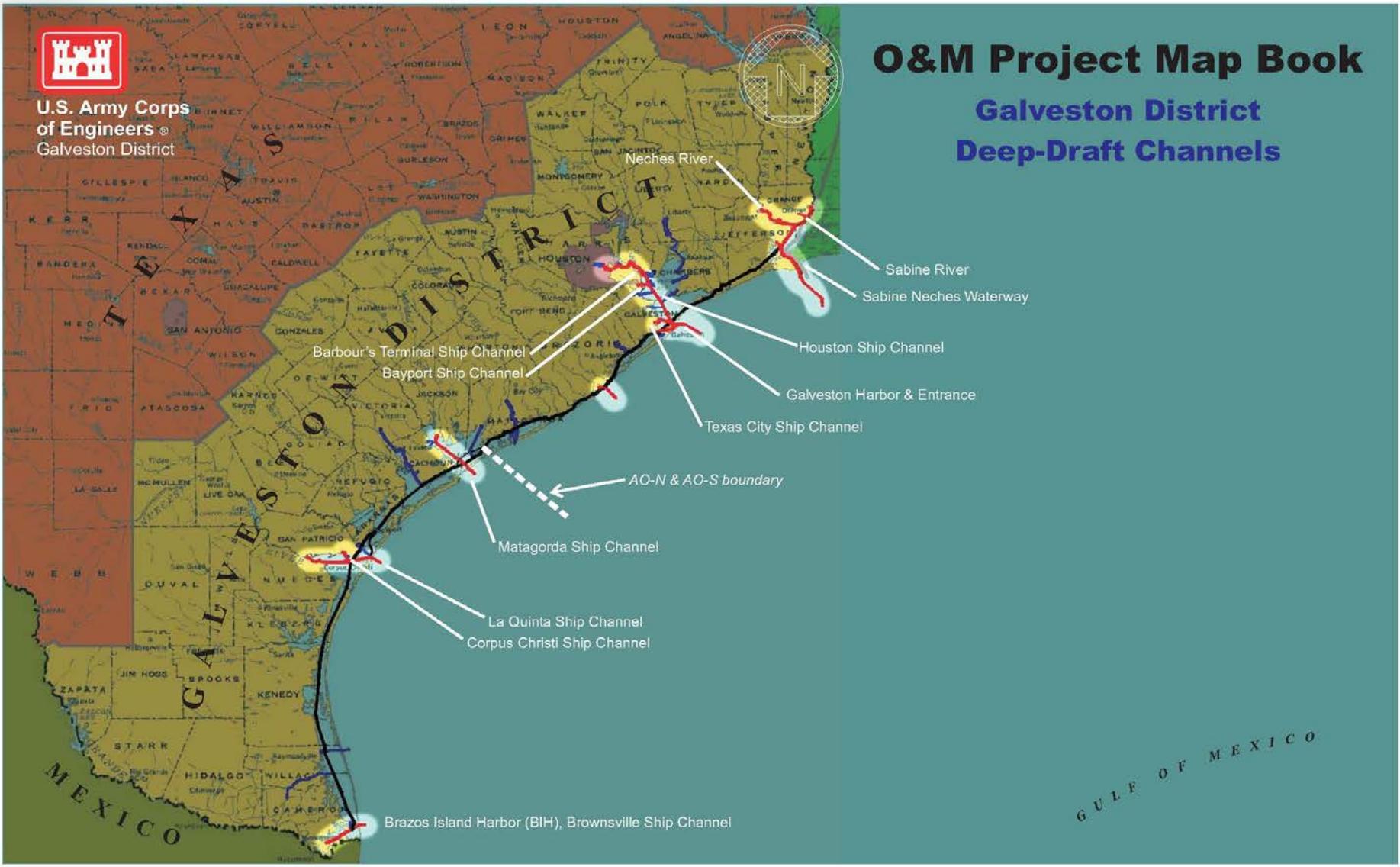
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DEEP DRAFT FY16 CONTRACT SCHEDULES





Brazos Island Harbor (Brownsville Harbor)



US Army Corps
of Engineers®
Galveston District

Brazos Island Harbor (BIH) Brownsville Ship Channel





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:	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:	October 5, 2016
Est. Completion Date:	January 13, 2017



Questions Comments?



For more information, contact:

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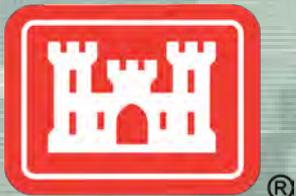
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Gulf Intracoastal Waterway

Seth Jones
*Operation Manager
Navigation Branch
03 December 2015*

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SHALLOW DRAFT FY16 CONTRACT SCHEDULES

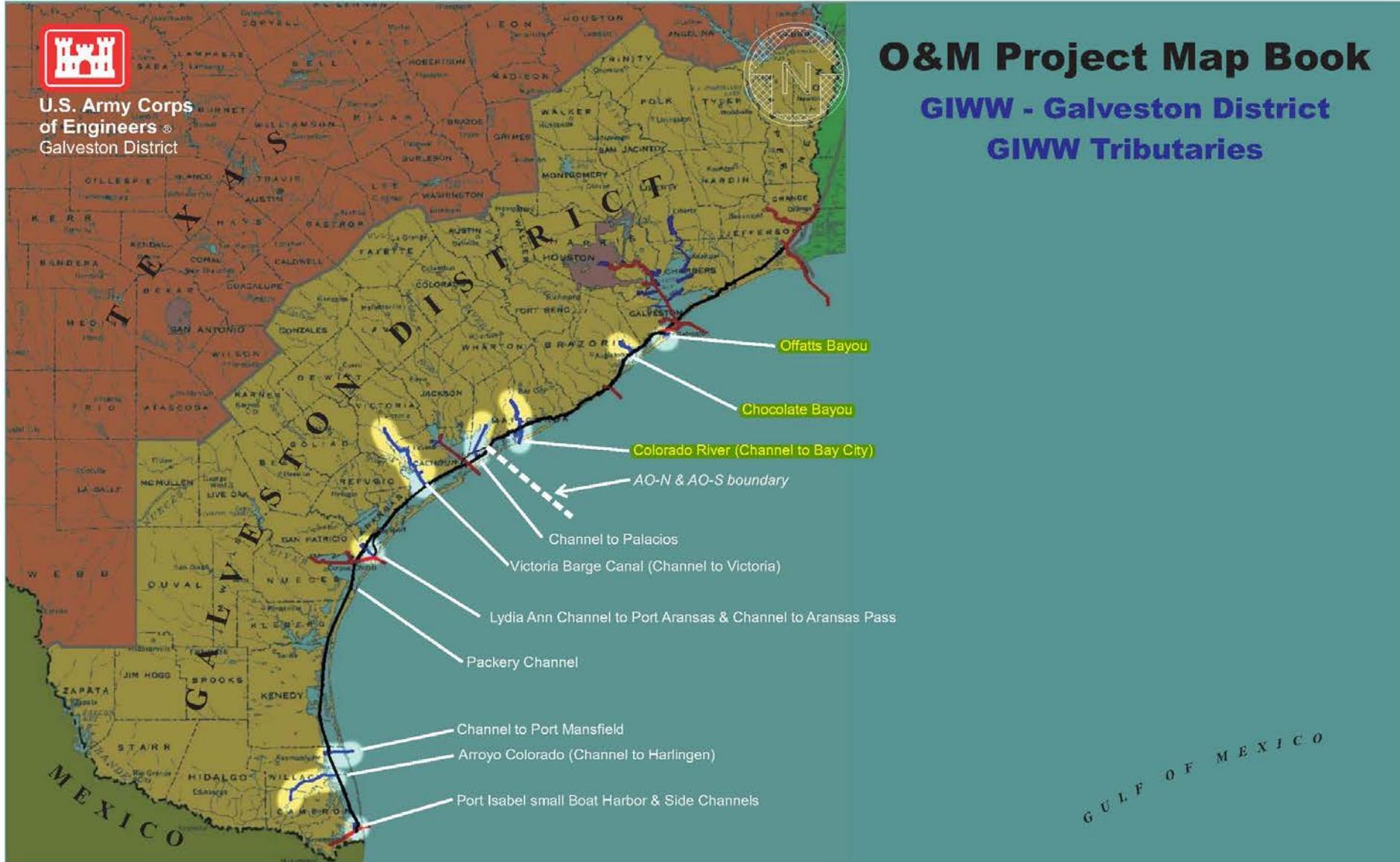


U.S. Army Corps
of Engineers
Galveston District



O&M Project Map Book

GIWW - Galveston District GIWW Tributaries



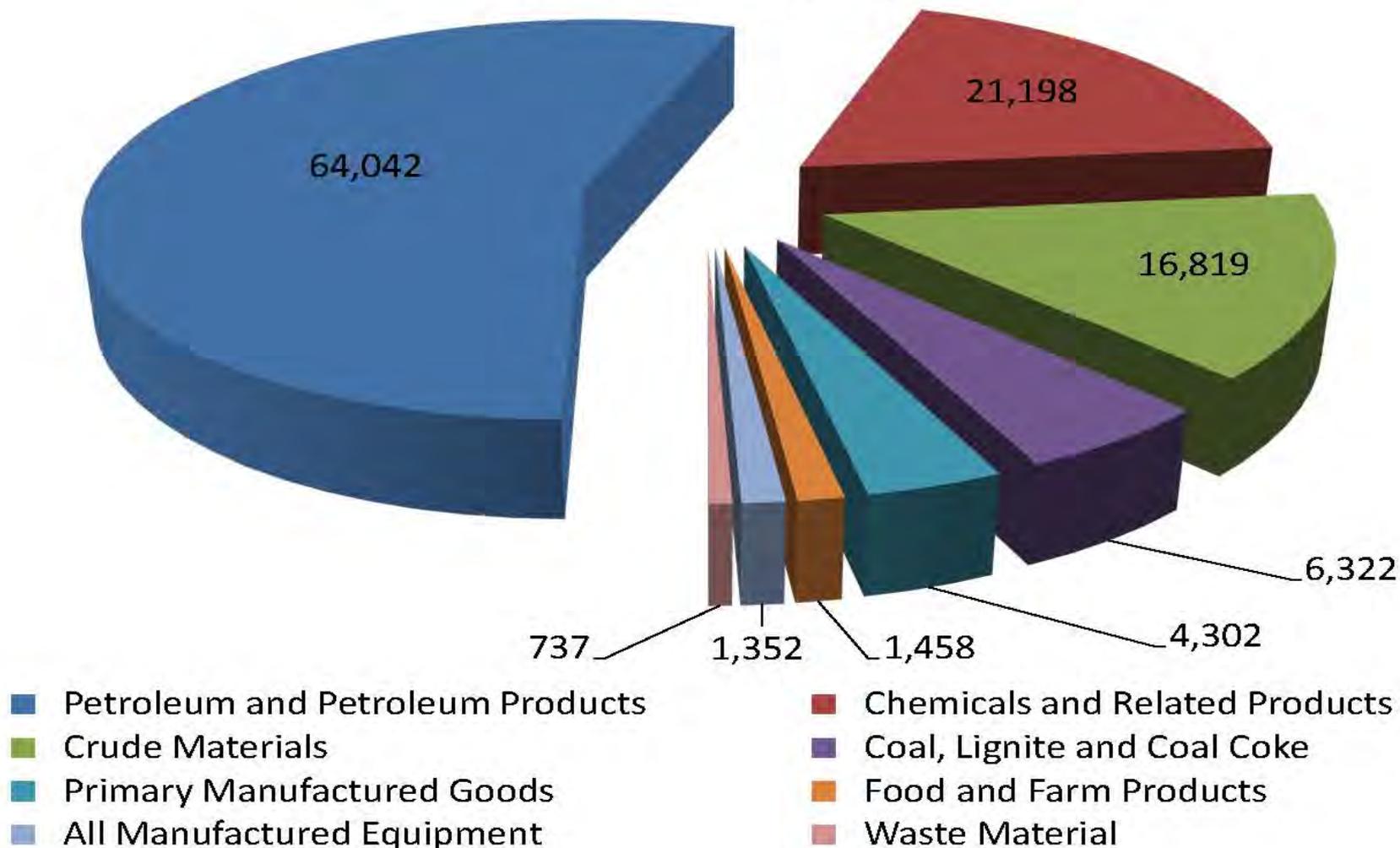
GULF OF MEXICO



VALUE TO THE NATION

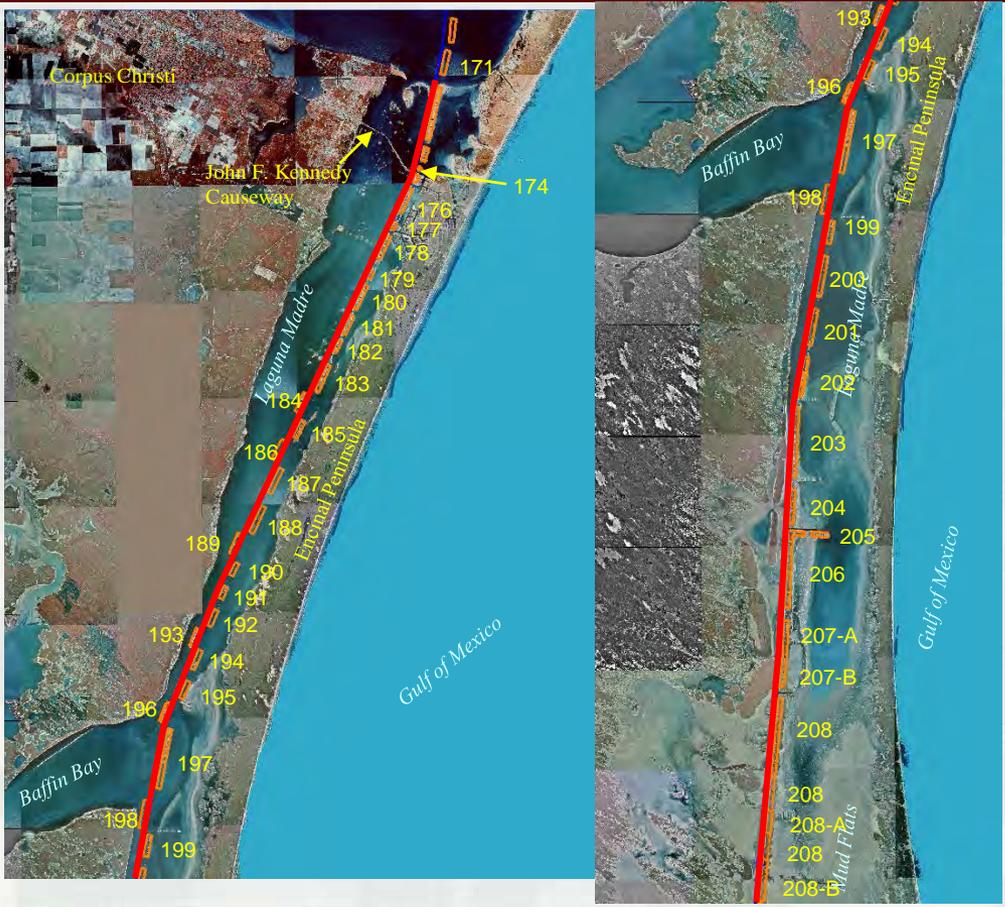
GULF INTRACOASTAL WATERWAY

Commodity by Tonnage





GULF INTRACOASTAL WATERWAY CORPUS CHRISTI TO PORT ISABEL

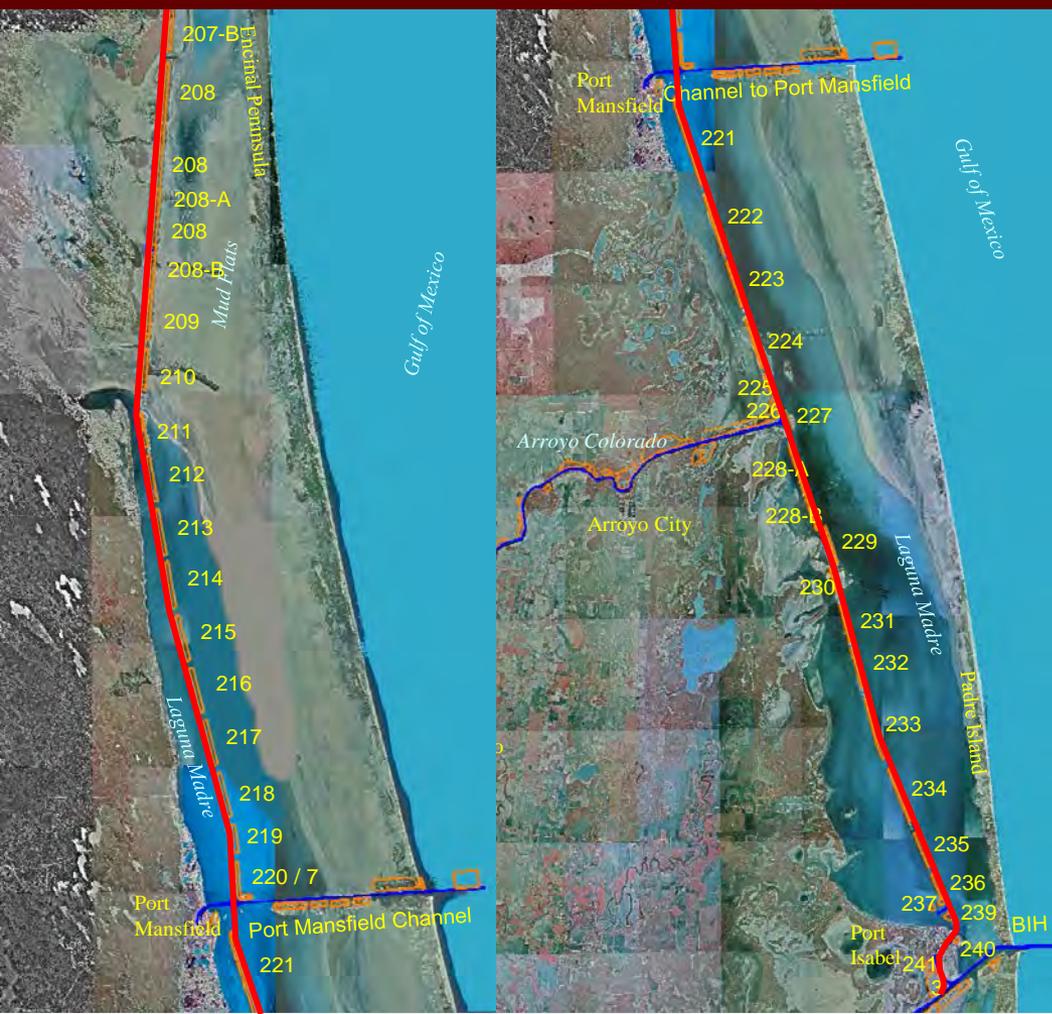


Project:	Gulf Intracoastal Waterway Corpus Christi to Port Isabel
Dredging Depth:	14 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	1,500,000 cubic yards
Material Type:	Fine Silt/Sand
Placement Area:	Open/BU Sites
Distance to Placement Area:	3 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	1 Nov. - 28 Feb.
Reason for Window:	Seagrass
Est. Start Date:	November 6, 2015
Est. Completion Date:	February 29, 2016





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:	1,500,000 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:	November 6, 2015
Est. Completion Date:	February 29, 2016





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:	November 15, 2015
Est. Completion Date:	May 31, 2016

Galveston District – Dredging Meeting - Custodians of the Texas Coast



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GULF INTRACOASTAL WATERWAY GALVESTON CAUSEWAY DEBRIS REMOVAL



Project:	Galveston Causeway Debris and Structure Removal
Type of Work:	Mechanical Dredging, Underwater Demolition, Structure and Debris Removal
Dredging Width:	Varies
Dredging Length:	Varies
Dredging Quantity:	
Material Type:	Silt, Clay, timber, concrete steel, etc
Placement Area:	C&D Landfill
Distance to Place Area:	Varies
Type of Equipment:	Mechanical Dredge, Scows, screening barges
Est. Start Date	March 9, 2016
Est. Completion Date	August 9, 2016

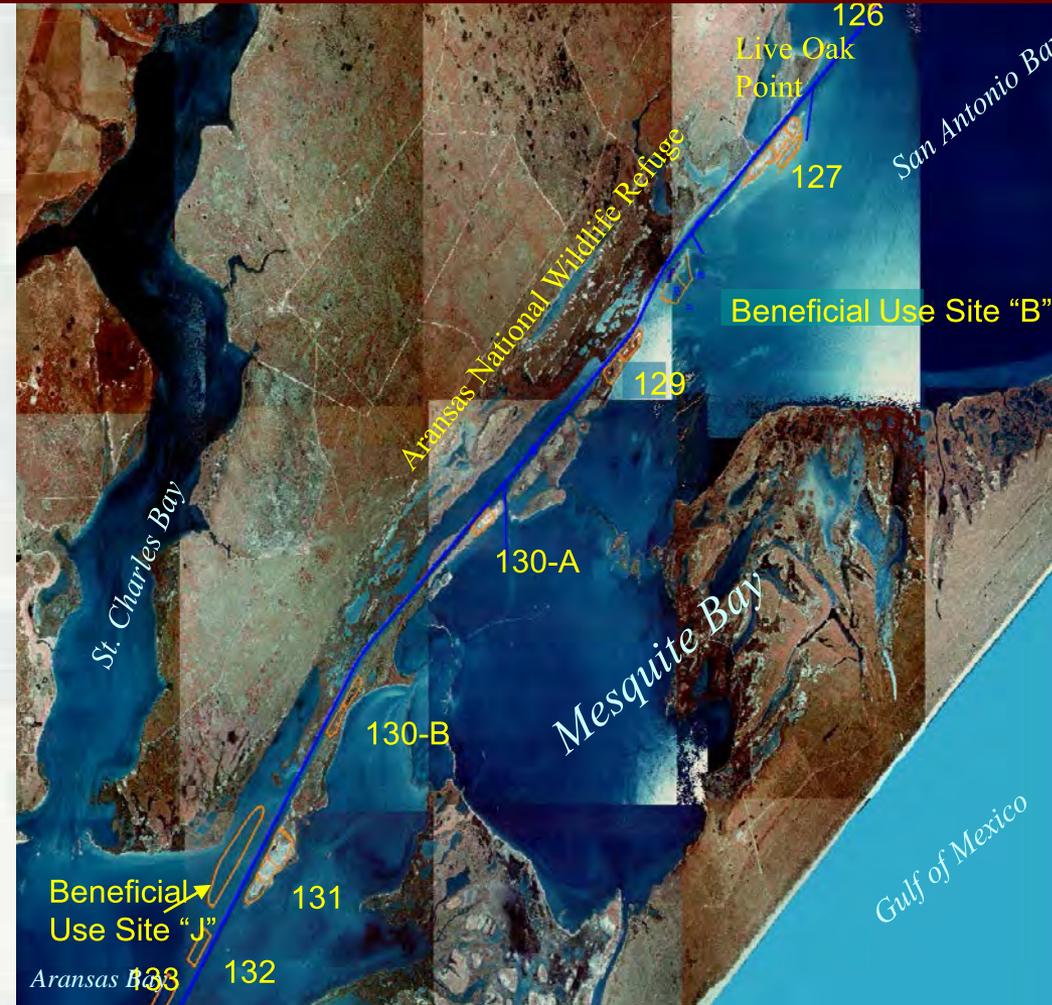
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GULF INTRACOASTAL WATERWAY BENEFICIAL USE SITE B



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:	Rock Placement
Placement Area:	NA
Distance to Place Area:	NA
Type of Equipment:	Marine Construction
Env. Window:	April 15 – Oct 15 (Open)
Reason for Window:	Whooping Cranes
Est. Start Date:	April 13, 2016
Est. Completion Date:	September 15, 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:	NA
Placement Area:	PA 93 & 112-B
Distance to Place Area:	NA
Type of Equipment:	Marine Construction Earthmoving Equipment
Est. Start Date:	August 11, 2016
Est. Completion Date:	February 7, 2017

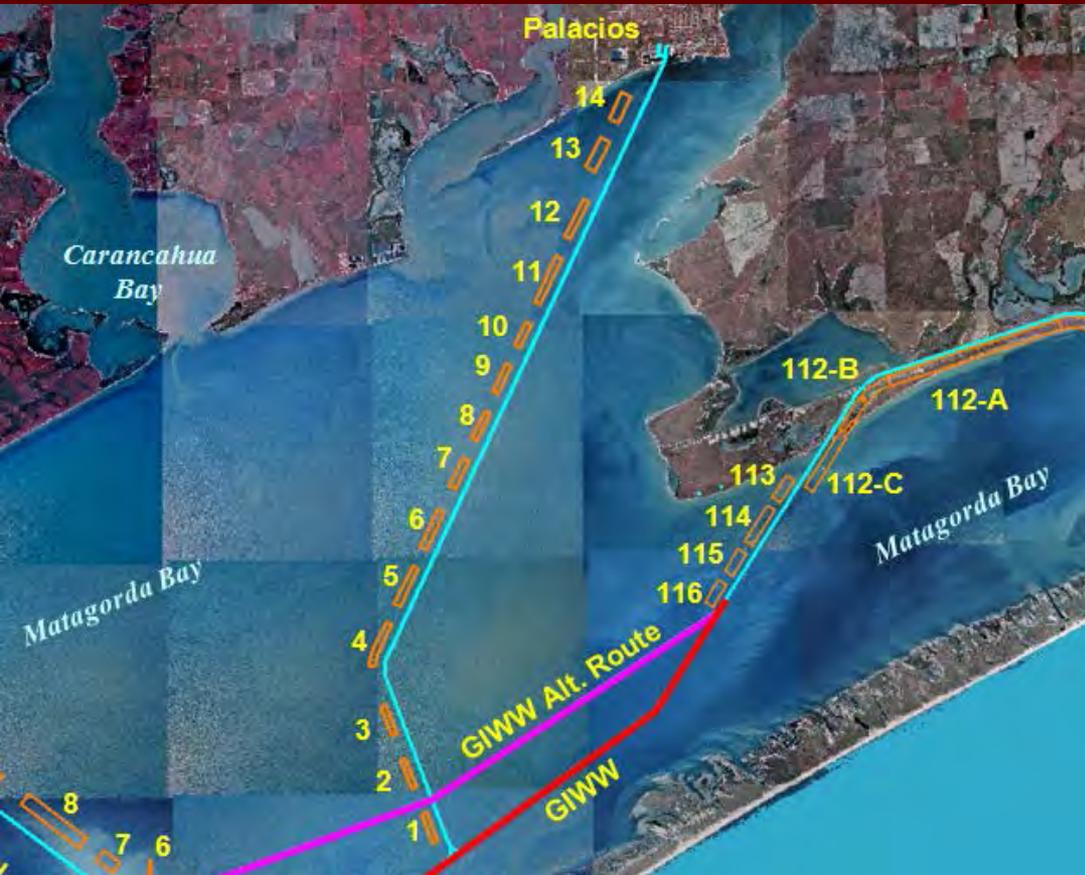




GULF INTRACOASTAL WATERWAY SHORELINE STABILIZATION AND LEVEE RAISE – PA 93 AND PA 112-B

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:	NA
Placement Area:	PA 93 & 112-B
Distance to Place Area:	NA
Type of Equipment:	Marine Construction Earthmoving Equipment
Est. Start Date:	August 11, 2016
Est. Completion Date:	February 7, 2017





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:	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 27, 2016
Est. Completion Date:	January 25, 2017

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SHALLOW DRAFT FY17 PLANNED CONTRACT SCHEDULES

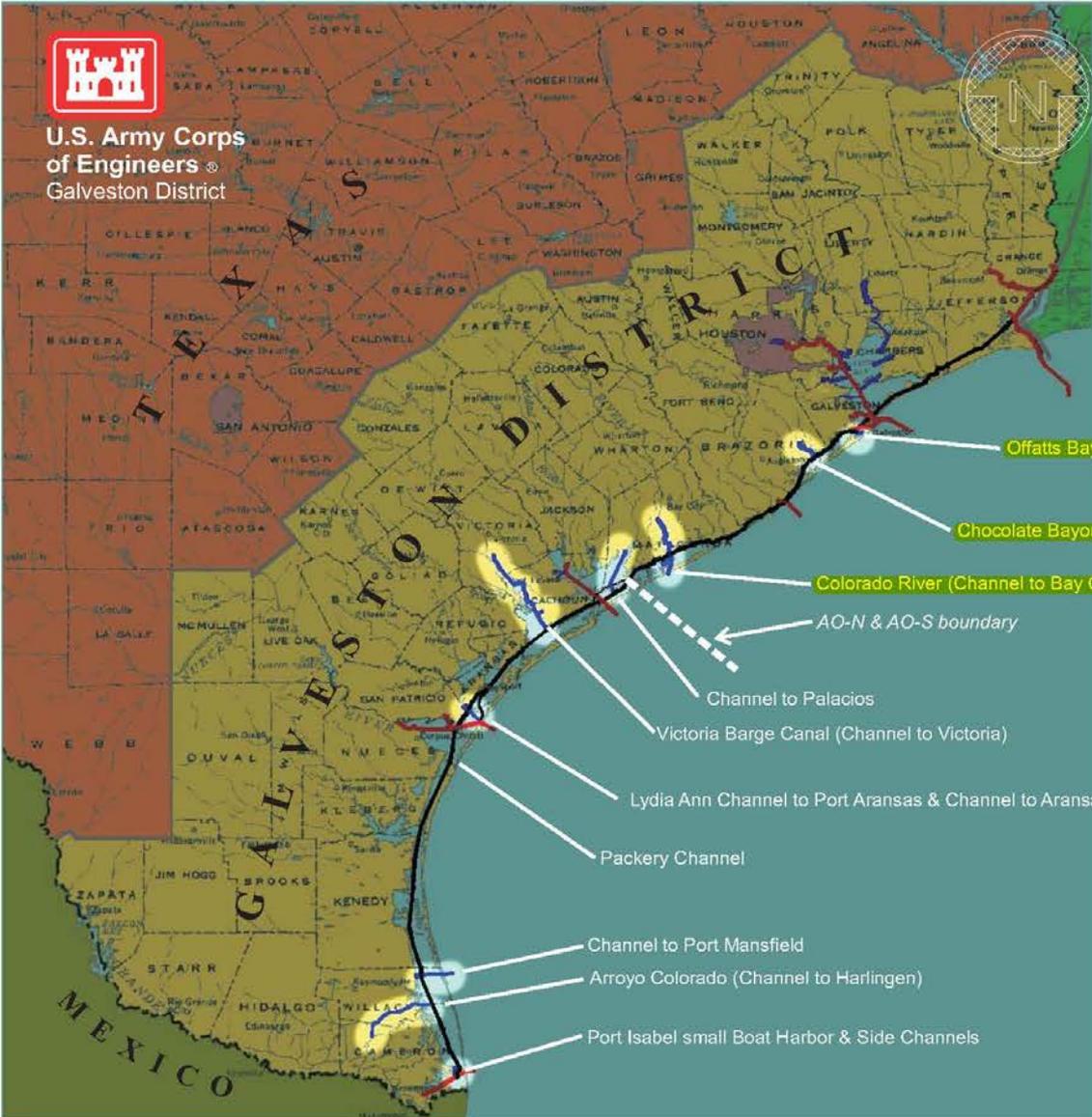


U.S. Army Corps
of Engineers
Galveston District



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

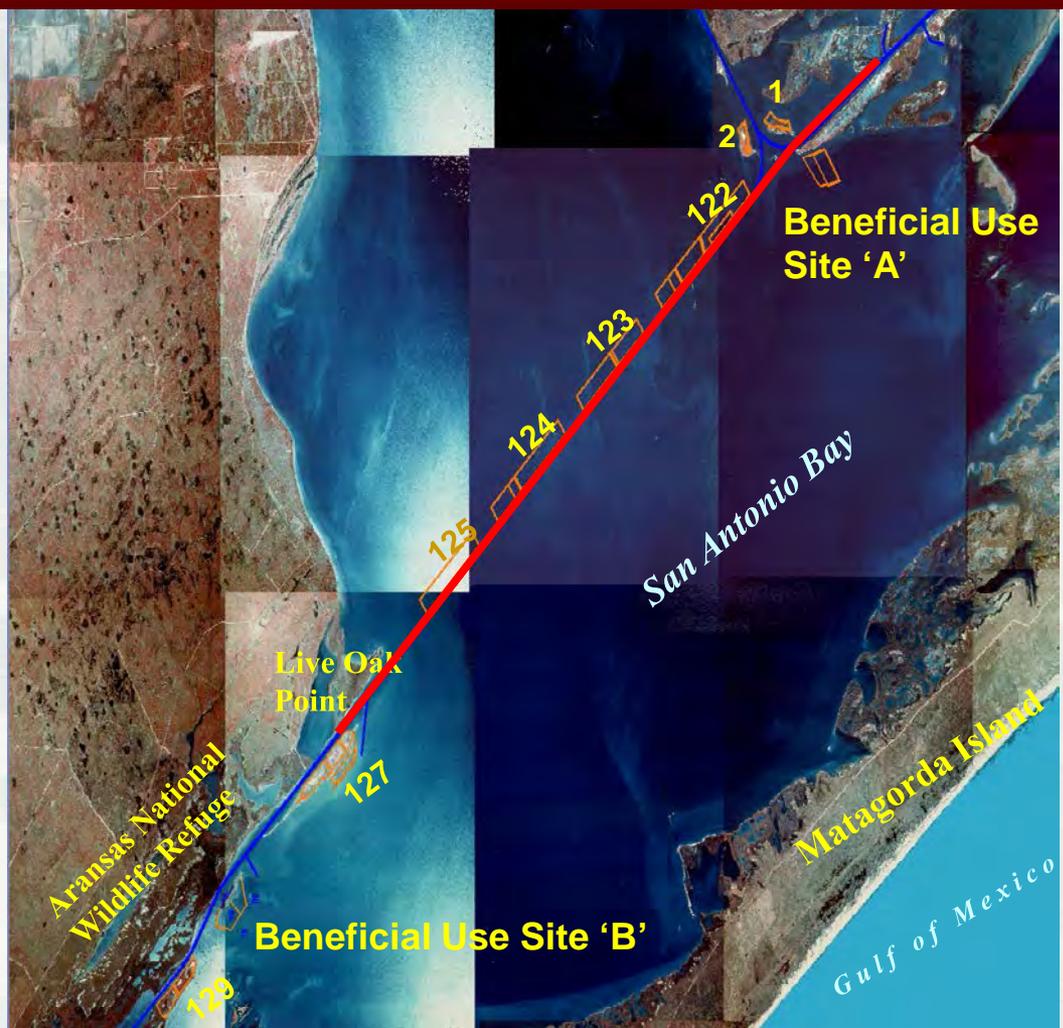
Arroyo Colorado (Channel to Harlingen)

Port Isabel small Boat Harbor & Side Channels

GULF OF MEXICO



GULF INTRACOASTAL WATERWAY TURNSTAKE TO LIVE OAK



Project:	Gulf Intracoastal Waterway Turnstake to Live Oak
Dredging Depth:	16 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	600,000 cubic yards
Material Type:	Fine Silt/Sand
Placement Area:	Open/BU Sites
Distance to Placement Area:	1 Mile Avg.
Type of Equipment:	Pipeline
Env. Window:	Apr 15 – Oct 15 (Open)
Reason for Window:	Whooping Cranes
Award:	May 4, 2017

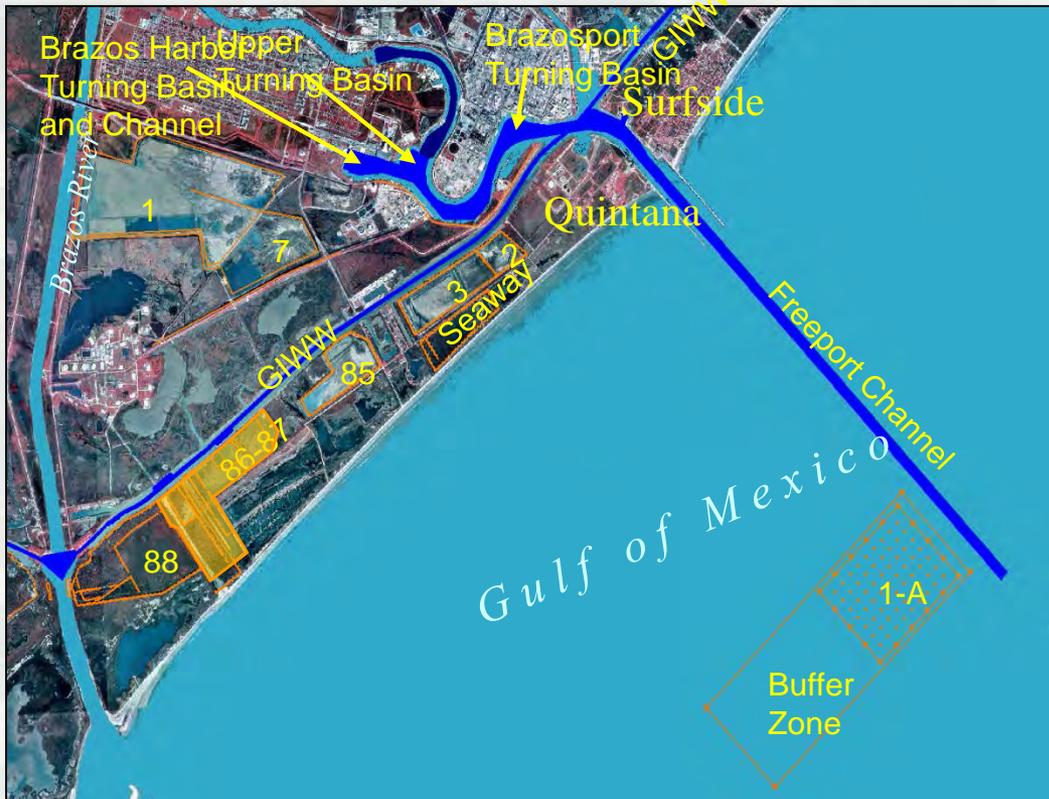
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GULF INTRACOASTAL WATERWAY PA 86 & 87 CONTAINMENT DIKE RAISE



Project:	Gulf Intracoastal Waterway PA 86 & 87 Containment Dike Raise
Type of Work:	Levee Raising
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Silt/Clay
Placement Area:	PA 86 & 87
Distance to Place Area:	NA
Type of Equipment:	Dragline
Env. Window:	NA
Reason for Window:	NA
Award:	June 20, 2017





GULF INTRACOASTAL WATERWAY HIGH ISLAND TO ROLLOVER PASS & BOLIVAR FLARE



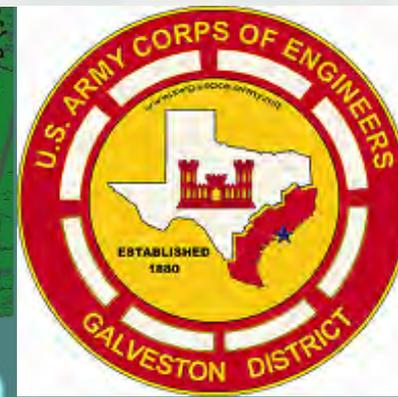
Project:	Gulf Intracoastal Waterway High Island to Rollover & Bolivar Flare
Dredging Depth:	16 ft. Required Depth
Dredging Width:	125 ft.
Dredging Length:	Varies
Dredging Quantity:	800, 000 cubic yards
Material Type:	Fine Silt/Sand
Placement Area:	Upland, Semi-Confined & Beneficial-Use
Distance to Placement Area:	2 Miles Avg.
Type of Equipment:	Pipeline
Env. Window:	N/A
Reason for Window:	N/A
Award:	September 14, 2017

Galveston District – Dredging Meeting - Custodians of the Texas Coast



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Questions Comments?



For more information, contact:

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Seth.w.jones@usace.army.mil

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Brazos River Floodgates, Colorado River Locks & Mooring Buoy Maintenance

Eric Russek, P.E.

Operations Manager

Project Operations Br, Galveston

03 December 2015

Galveston District – Dredging Meeting

Custodians of the Texas Coast



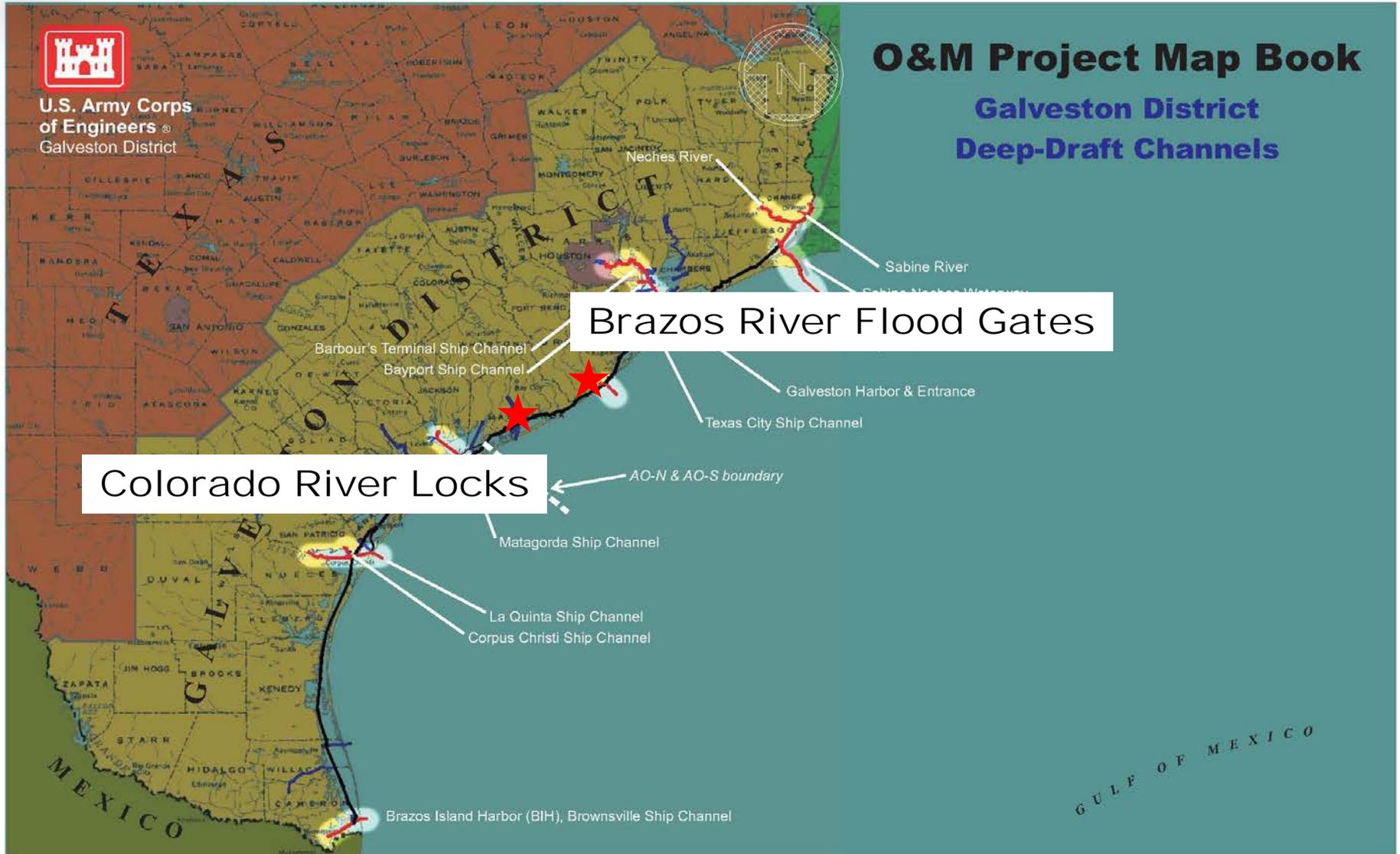
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Navigation Project Facilities





Navigation Project Facilities



- Minimize shoaling at river crossings
- Safety



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Brazos River Flood Gates Freeport, Texas



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Colorado River Locks Matagorda, Texas



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FY 2016 Contract Brazos River Floodgates And Colorado River Locks

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GULF INTRACOASTAL WATERWAY BRFG & CRL Electrical Repairs



Brazos River Floodgates and Colorado River Locks	Electrical 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
Est. Start Date:	June 8, 2016
Est. Completion Date:	January 4, 2017

Galveston District – Dredging Meeting - Custodians of the Texas Coast



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FY 2017 Contract Brazos River Floodgates And Colorado River Locks

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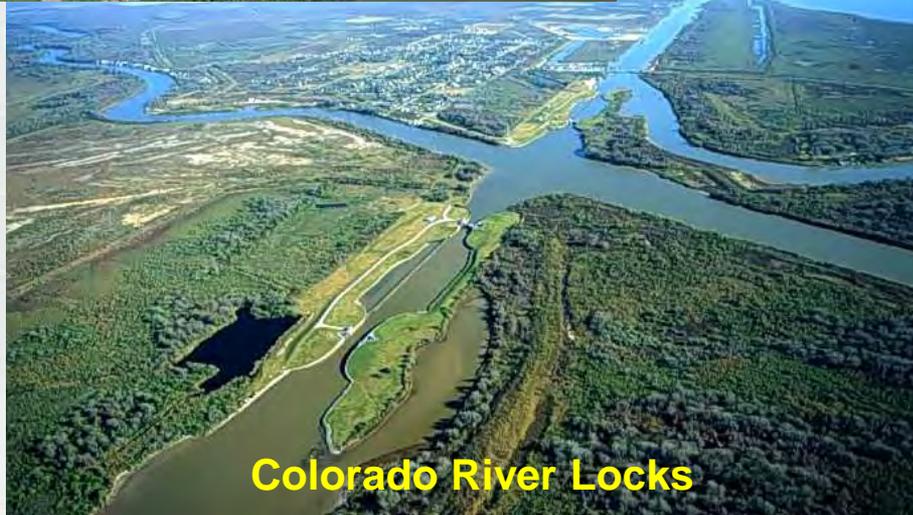
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GULF INTRACOASTAL WATERWAY SCOUR HOLE REPAIRS



Brazos River Floodgates

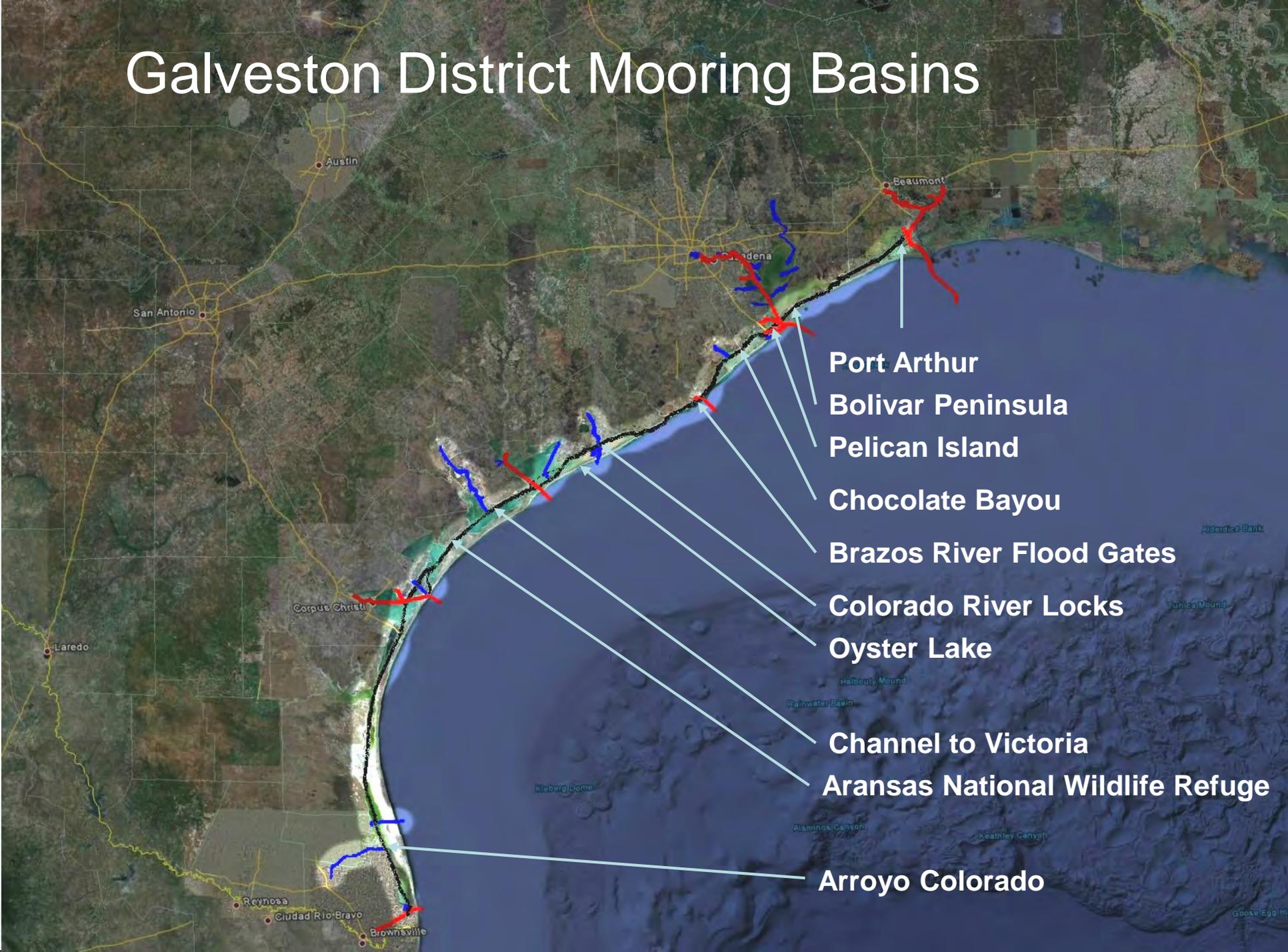


Colorado River Locks

Project:	Gulf Intracoastal Waterway Scour Hole Repairs BRFG&CRL
Dredging Depth:	NA
Dredging Width:	NA
Dredging Length:	Varies
Dredging Quantity:	NA
Material Type:	Rock
Placement Area:	Within Channel
Distance to Placement Area:	NA
Type of Equipment:	Crane Barge
Env. Window:	N/A
Reason for Window:	N/A
Award:	September 15, 2017



Galveston District Mooring Basins



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



'Can' Buoy



'Anvil' Buoy



Damaged 'Can' Buoy



Buoy Yard at Brazos River Flood Gates



Questions Comments?



For more information, contact:

Eric Russek
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Galveston District – Dredging Meeting - Custodians of the Texas Coast



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Channel to Victoria

CPT Robert Burnham
Operations Manager
Navigation Branch
03 December 2015

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Custodians of the Texas Coast



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SHALLOW DRAFT FY16 CONTRACT SCHEDULES

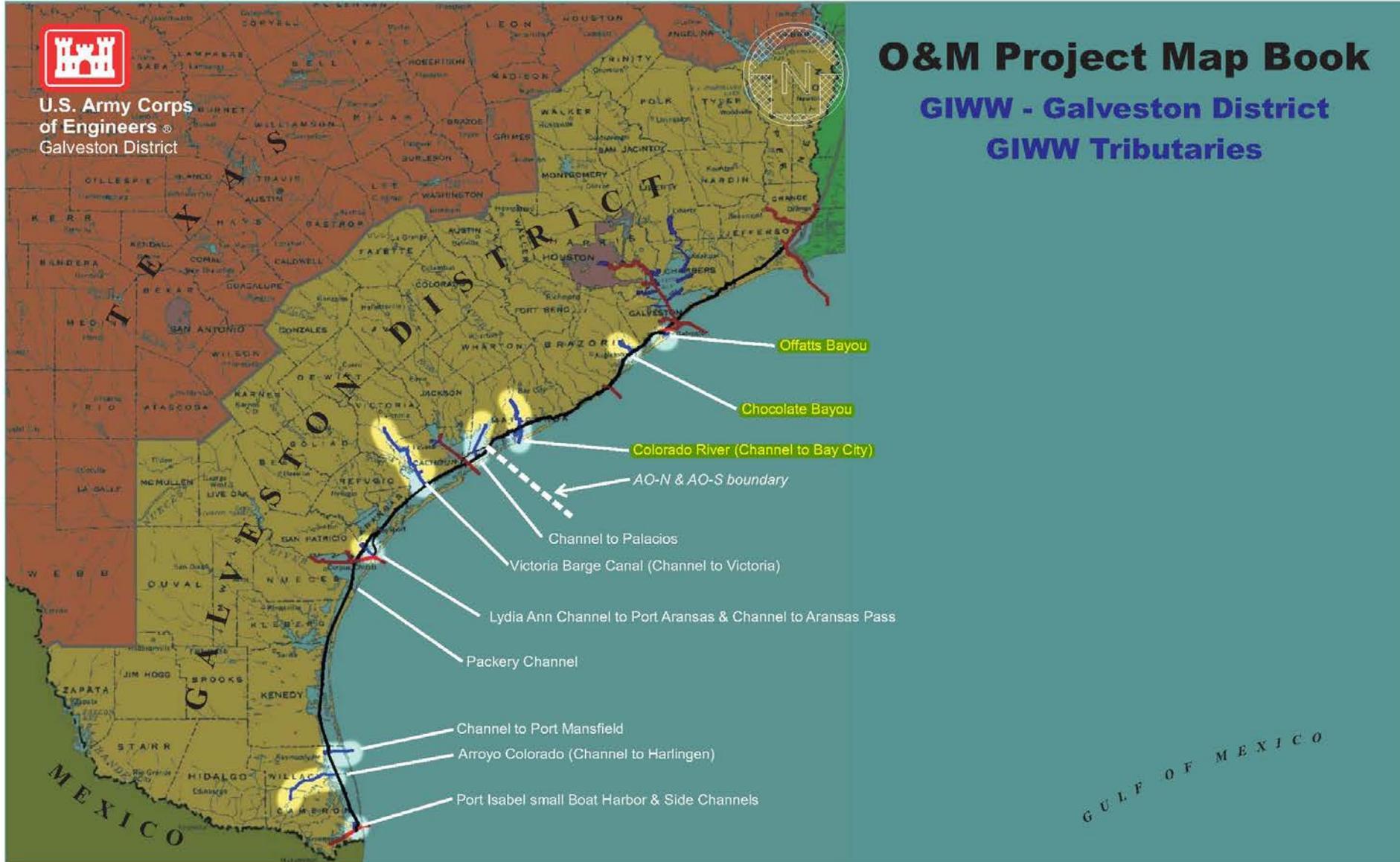


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Galveston District



O&M Project Map Book

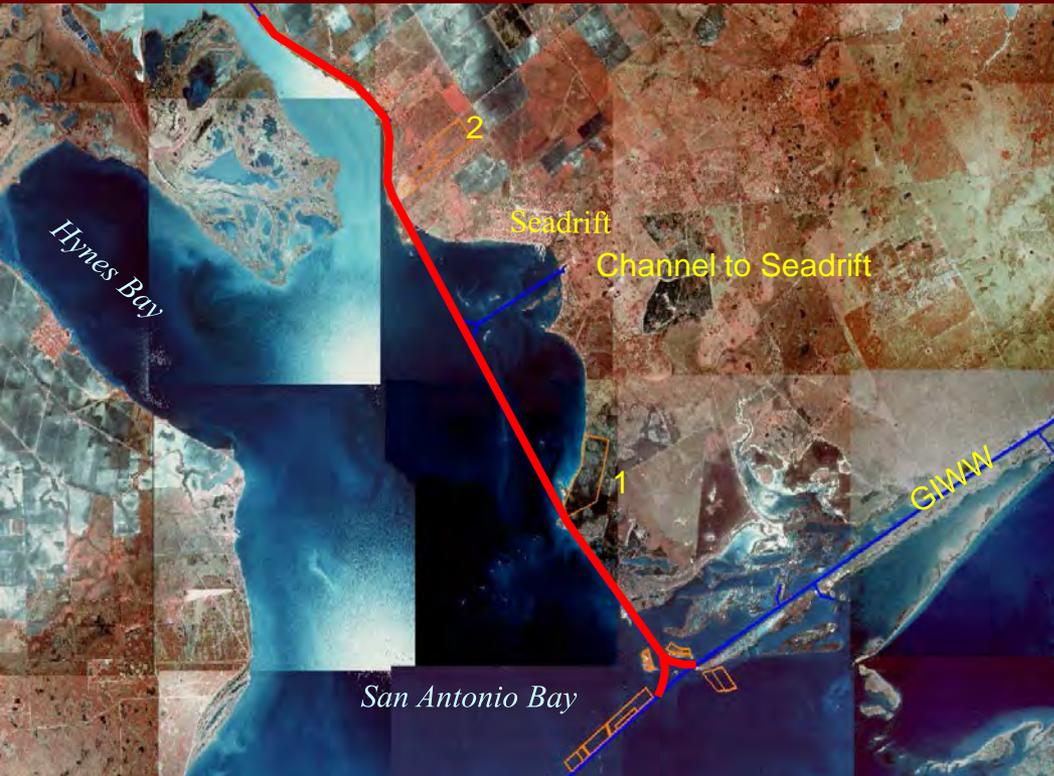
GIWW - Galveston District GIWW Tributaries



GULF OF MEXICO



CHANNEL TO VICTORIA



Project:	GIWW, Ch to Victoria Lower & Middle Reach
Dredging Depth:	14-foot (Req. 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 3, 2016
Est. Completion Date:	November 2, 2016





CHANNEL TO VICTORIA

Cont. Sheet 2



Project:	GIWW, Ch to Victoria Lower & Middle Reach
Dredging Depth:	14-foot (Req. 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 3, 2016
Est. Completion Date:	November 2, 2016



SHALLOW DRAFT FY17 PLANNED CONTRACT SCHEDULES

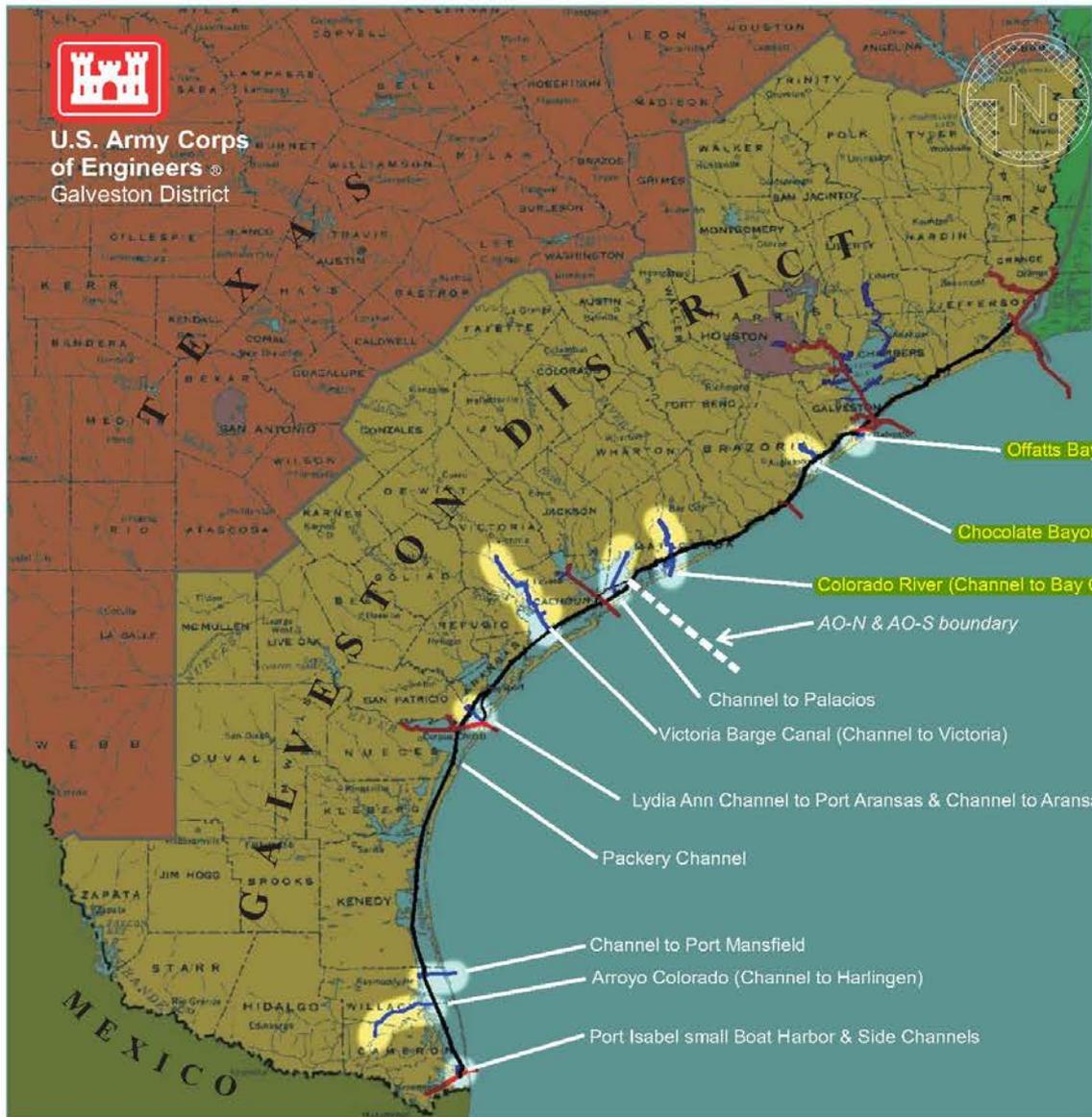


U.S. Army Corps
of Engineers
Galveston District



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



CHANNEL TO VICTORIA MIDDLE REACH PA IMPROVEMENTS



Project:	Channel to Victoria Middle Reach PA Improvements
Type of Work:	Improvements
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Silt/Clay
Placement Area:	NA
Distance to Place Area:	NA
Type of Equipment:	Drag-line/Earthmoving Equipment
Env. Window:	NA
Reason for Window:	NA
Award:	November 16, 2016

Galveston District – Dredging Meeting - Custodians of the Texas Coast



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Questions Comments?



For more information, contact:

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