

GALVESTON DISTRICT Dredging Schedules

Tricia C. Campbell, P.E.
Operations Manager
Navigation Branch - Galveston District
November 15, 2016

Galveston District – Dredging Meeting

Custodians of the Texas Coast



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US Army Corps of Engineers
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GALVESTON NAVIGATION OM FUNDING

FY-16 Execution

President's Budget \$110,404,000

FY-16 Allocation \$151,869,000

Carry-in \$ 21,837,000

Available to Obligate \$173,706,000

Obligated ~\$161,000,000

Percent Execution ~93%

FY-17 Funding Outlook

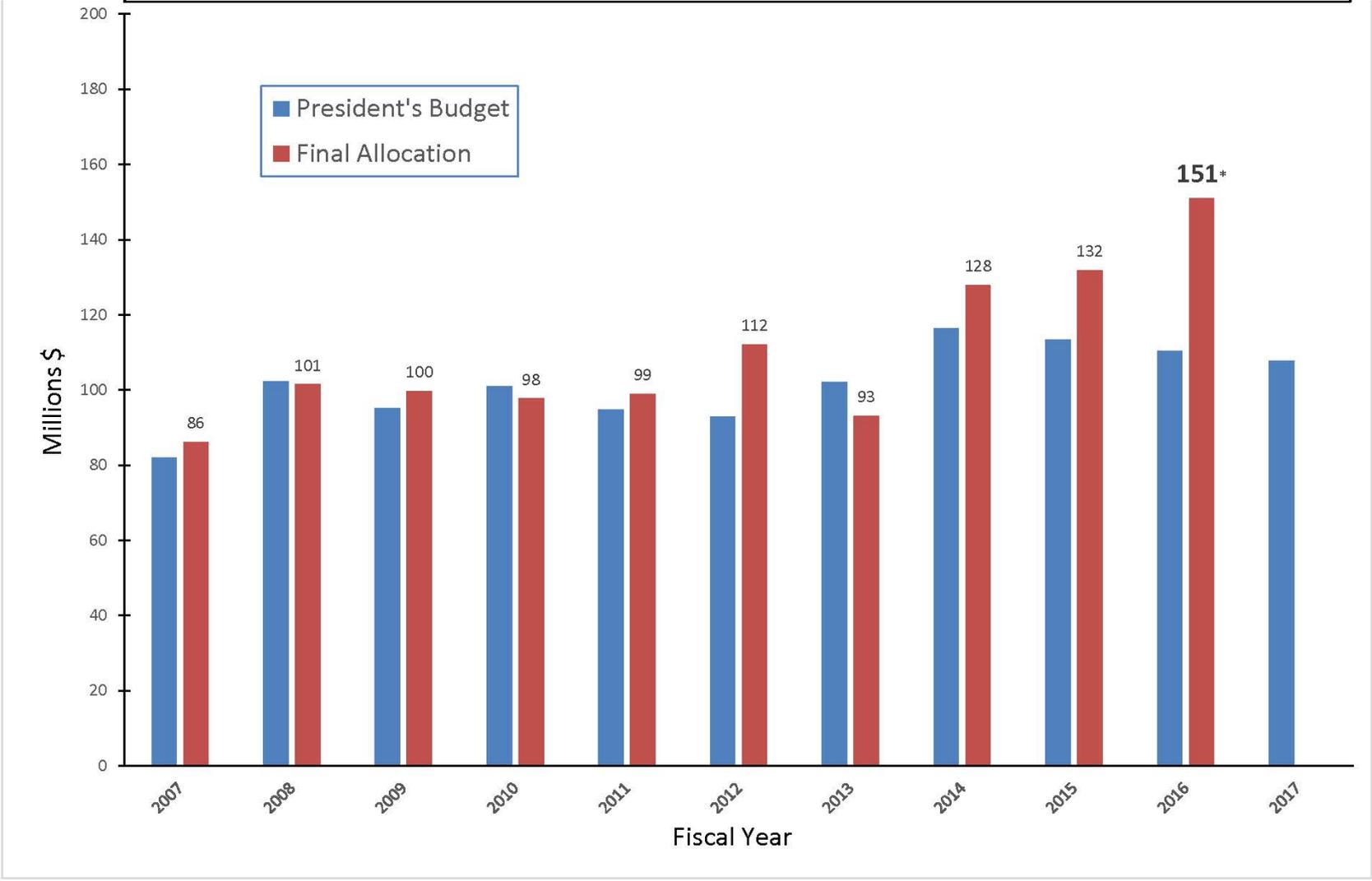
President's Budget \$107,815,000

Carry-in \$ 13,727,000

Total Anticipated \$121,542,000

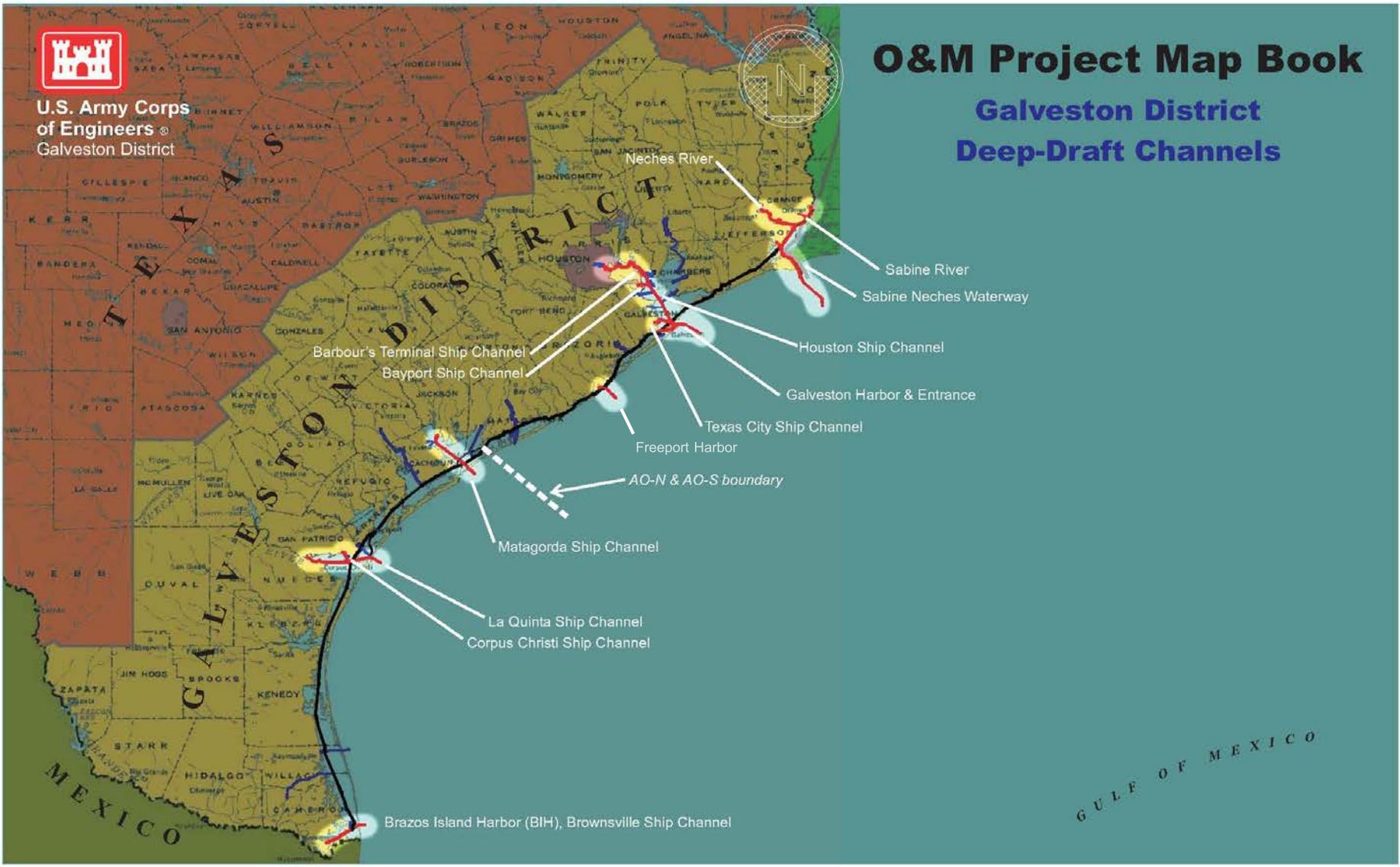


GALVESTON NAVIGATION OM FUNDING





FY17 CONTRACT SCHEDULES SABINE-NECHES WATERWAY





SABINE-NECHES WATERWAY NECHES RIVER



Project:	Sabine-Neches Waterway Neches River
Dredging Depth:	42 ft. Required Depth
Dredging Width:	~200 ft
Dredging Length:	Varies
Dredging Quantity:	600,000 cubic yards
Material Type:	Silt
Placement Area:	Various Upland PAs
Distance to Placement Area:	1-2 Miles
Type of Equipment:	Pipeline
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	April 2017
Est. Completion Date:	August 2017

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SABINE-NECHES WATERWAY PA-11 SHORELINE STABILIZATION



Project:	Sabine-Neches Waterway PA-11 Shoreline Stabilization
Dredging Depth:	NA
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Silt
Placement Area:	PA-11
Distance to Placement Area:	NA
Type of Equipment:	Dragline/Earthmoving equipment
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	September 2017
Est. Completion Date:	March 2018

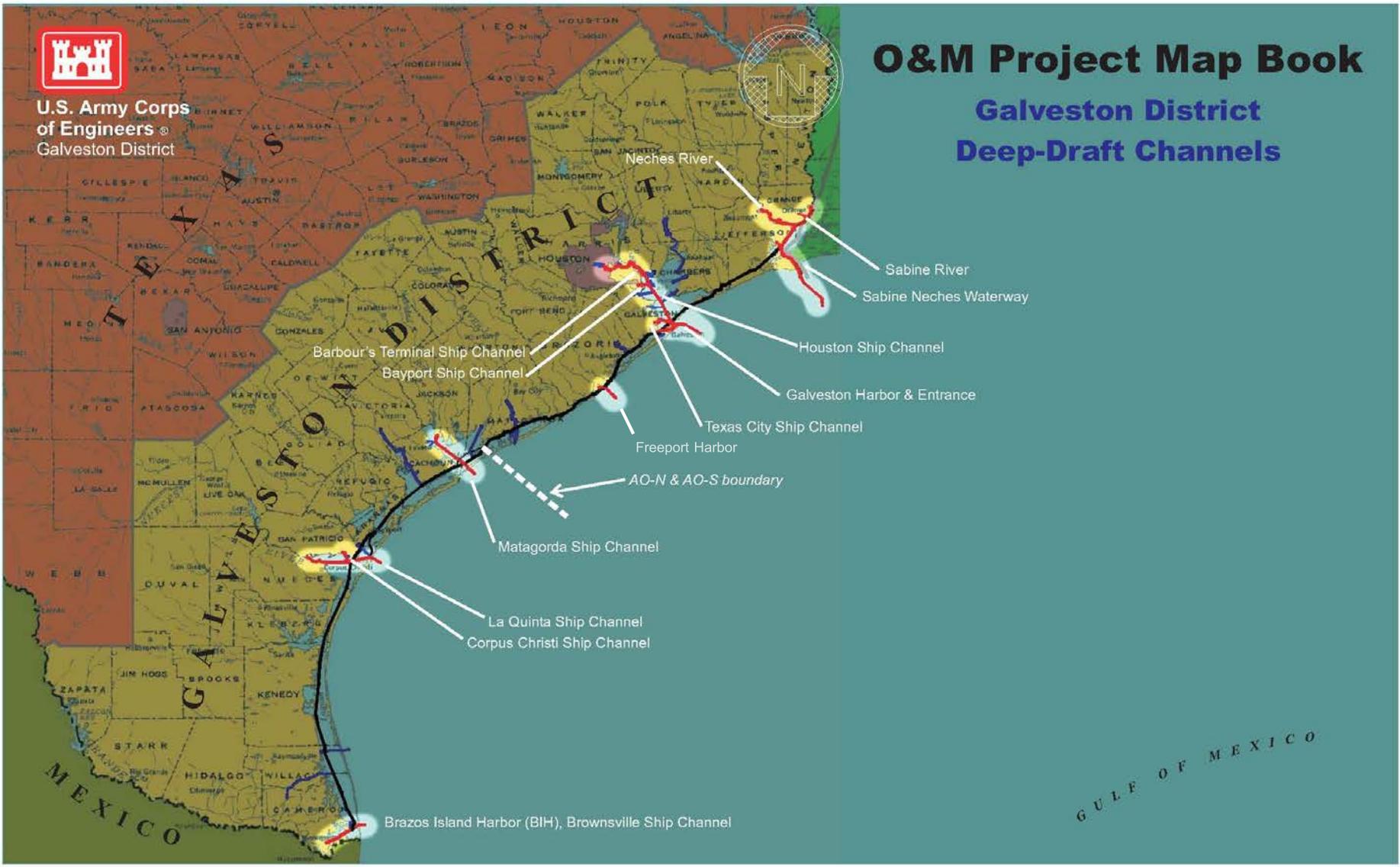
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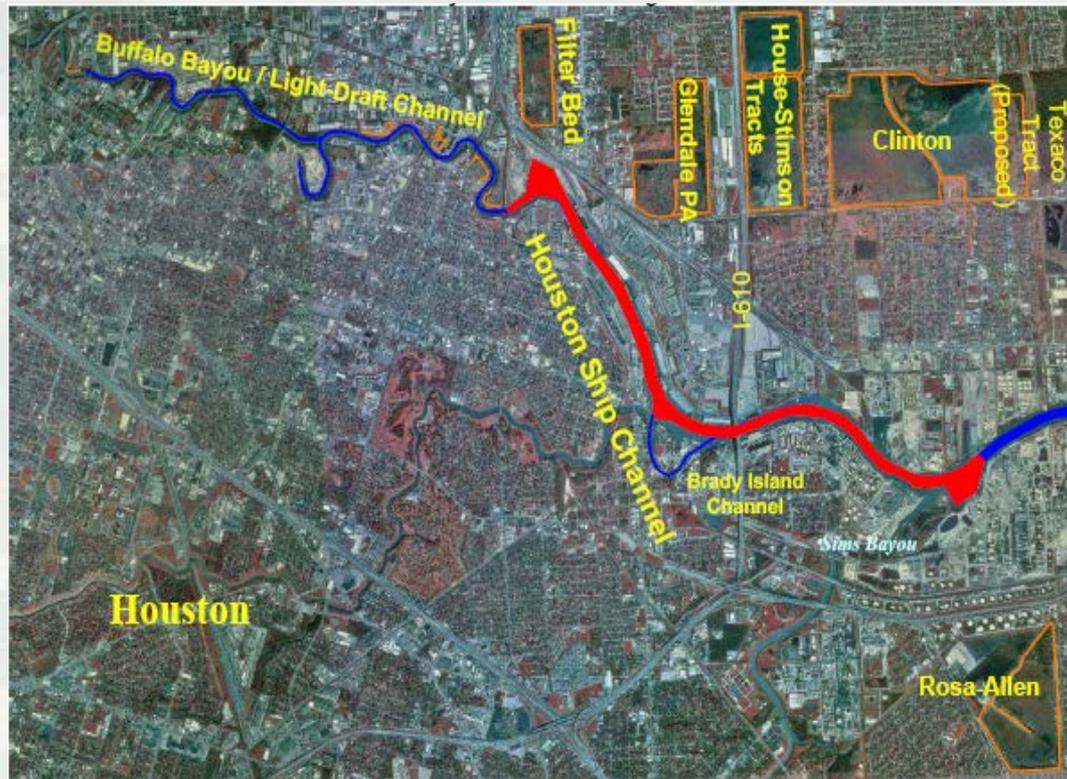


FY17 CONTRACT SCHEDULES GALVESTON-TEXAS CITY-HOUSTON





HOUSTON SHIP CHANNEL SIMS BAYOU TO TURNING BASIN



Project:	Houston Ship Channel Sims Bayou to Turning Basin
Dredging Depth:	39.5 ft. Required Depth
Dredging Width:	250 - 300 ft.
Dredging Length:	3 miles
Dredging Quantity:	500,000 cubic yards
Material Type:	Silt
Placement Area:	West Clinton
Distance to Place Area:	3 – 5 Miles
Type of Equipment:	Pipeline Dredge
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	February 2017
Est. Completion Date:	November 2017





TEXAS CITY CHANNEL MAIN CHANNEL AND TURNING BASIN

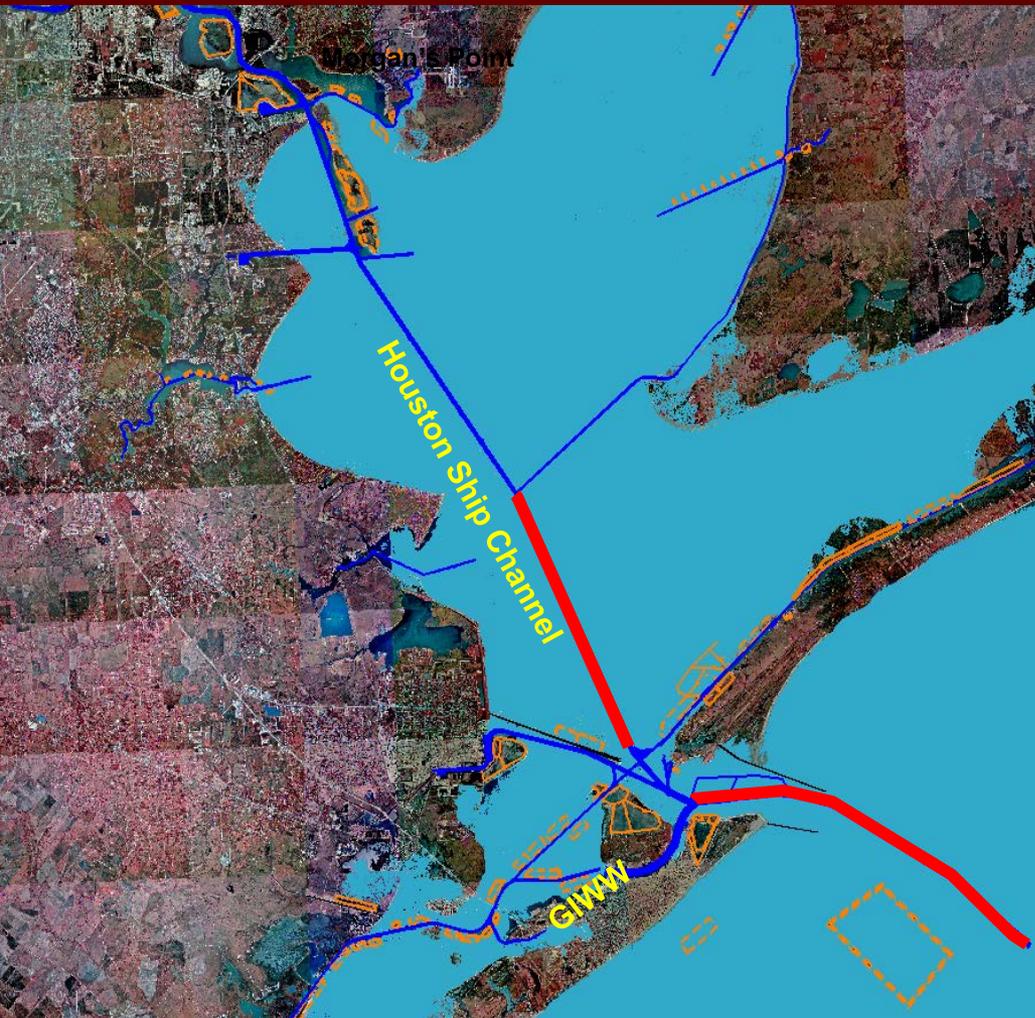


Project:	Texas City Channel Main Channel and Turning Basin
Dredging Depth:	48 ft. Required Depth
Dredging Width:	400 - 1200 ft.
Dredging Length:	6 Miles
Dredging Quantity:	1,400,000 cubic yards
Material Type:	Silt/Sand
Placement Areas:	SPPA 3, 4, 5
Distance to Place Area:	3 Mile Average
Type of Equipment:	Pipeline
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	March 2017
Est. Completion Date:	September 2017





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:	48-50 ft. Required Depth
Dredging Width:	530 – 1,000 ft.
Dredging Length:	17 miles
Dredging Quantity:	2,500,000 cubic yards
Material Type:	Sand / Silt
Placement Area:	Offshore
Distance to Place Area:	1 - 15 Mile
Type of Equipment:	Hopper
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	March 2017
Est. Completion Date:	September 2017

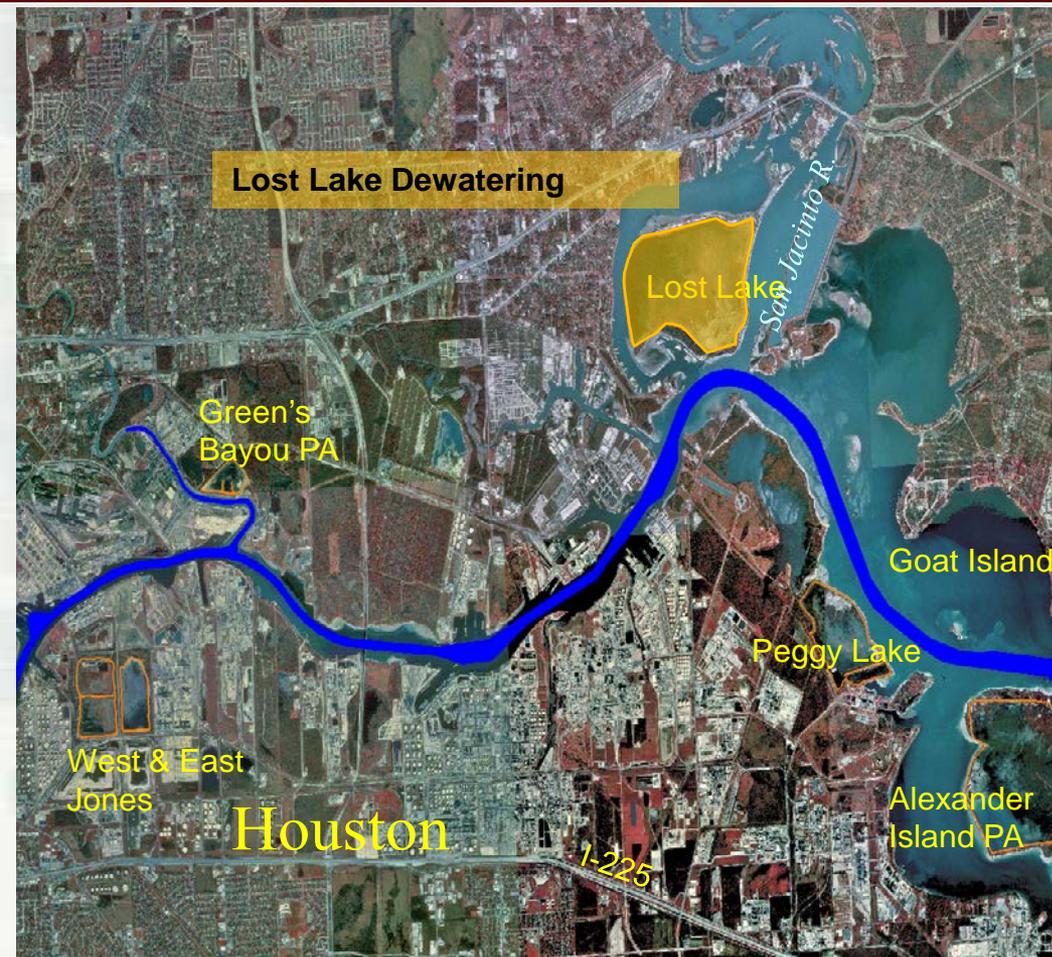
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HOUSTON SHIP CHANNEL LOST LAKE PA DEWATERING



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
Est Start Date:	April 2017
Est. Completion Date:	December 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
Est. Start Date:	June 2017
Est. Completion Date:	October 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
Est. Start:	November 2017
Est. Completion:	July 2018





HOUSTON SHIP CHANNEL – SPILMAN ISLAND PA CONTAINMENT DIKE RAISE

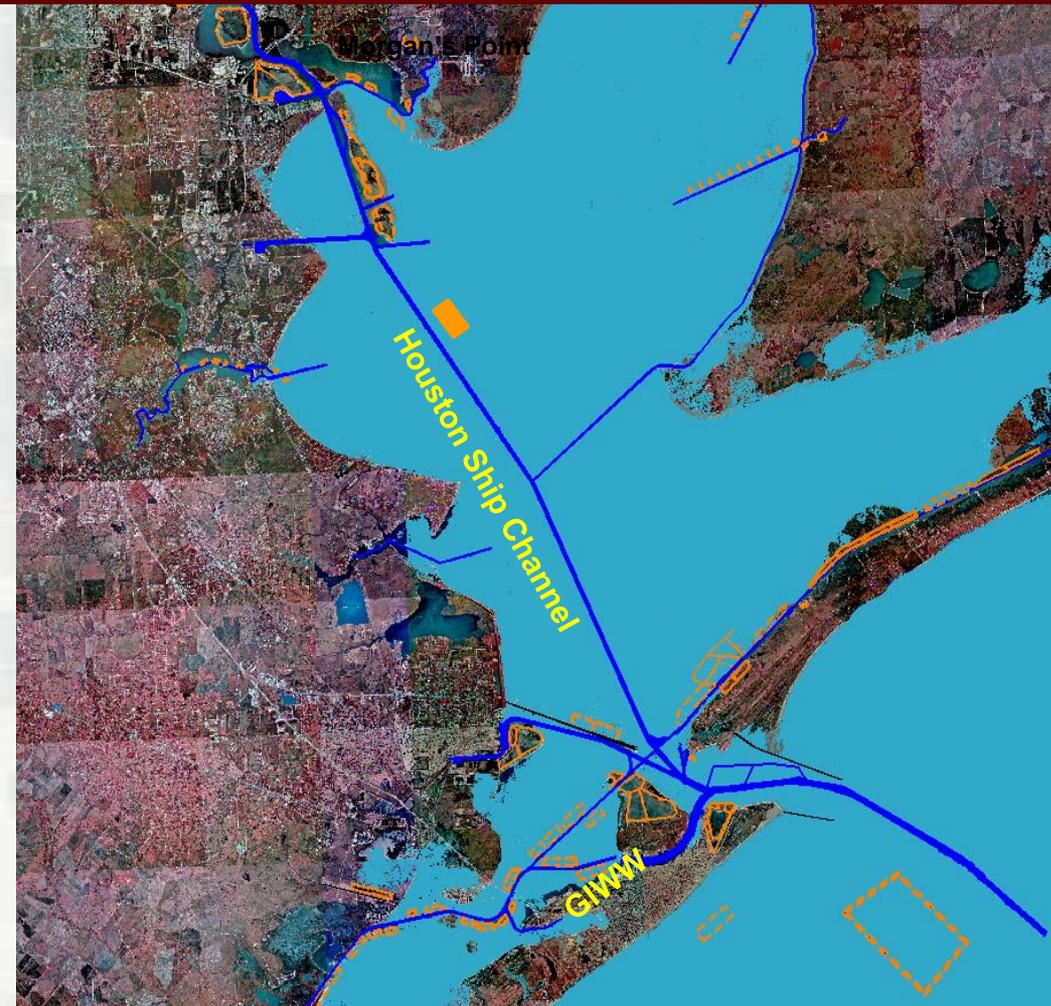


Project:	Houston Ship Channel Spilman Island PA Containment Dike Raise
Type of Work:	Dike Raising
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Silt/Clay
Placement Area:	Spilman Island
Distance to Place Area:	NA
Type of Equipment:	Dragline/Earthmoving equipment
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	September 2017
Est. Completion Date:	September 2018





HOUSTON SHIP CHANNEL MID BAY PLACEMENT AREA 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/Clay
Placement Area:	Mid Bay
Distance to Place Area:	NA
Type of Equipment:	Marsh Buggy/ Excavation Equipment
Env. Window:	August 31-March 1 (open)
Reason for Window:	Migratory Birds
Est. Start Date:	September 2017
Est. Completion Date:	March 2018

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



Project:	Houston Ship Channel House Tract & Clinton Containment Dike Raise
Type of Work:	Dike 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
Estimated Start Date:	October 2017
Est. Completion Date:	October 2018

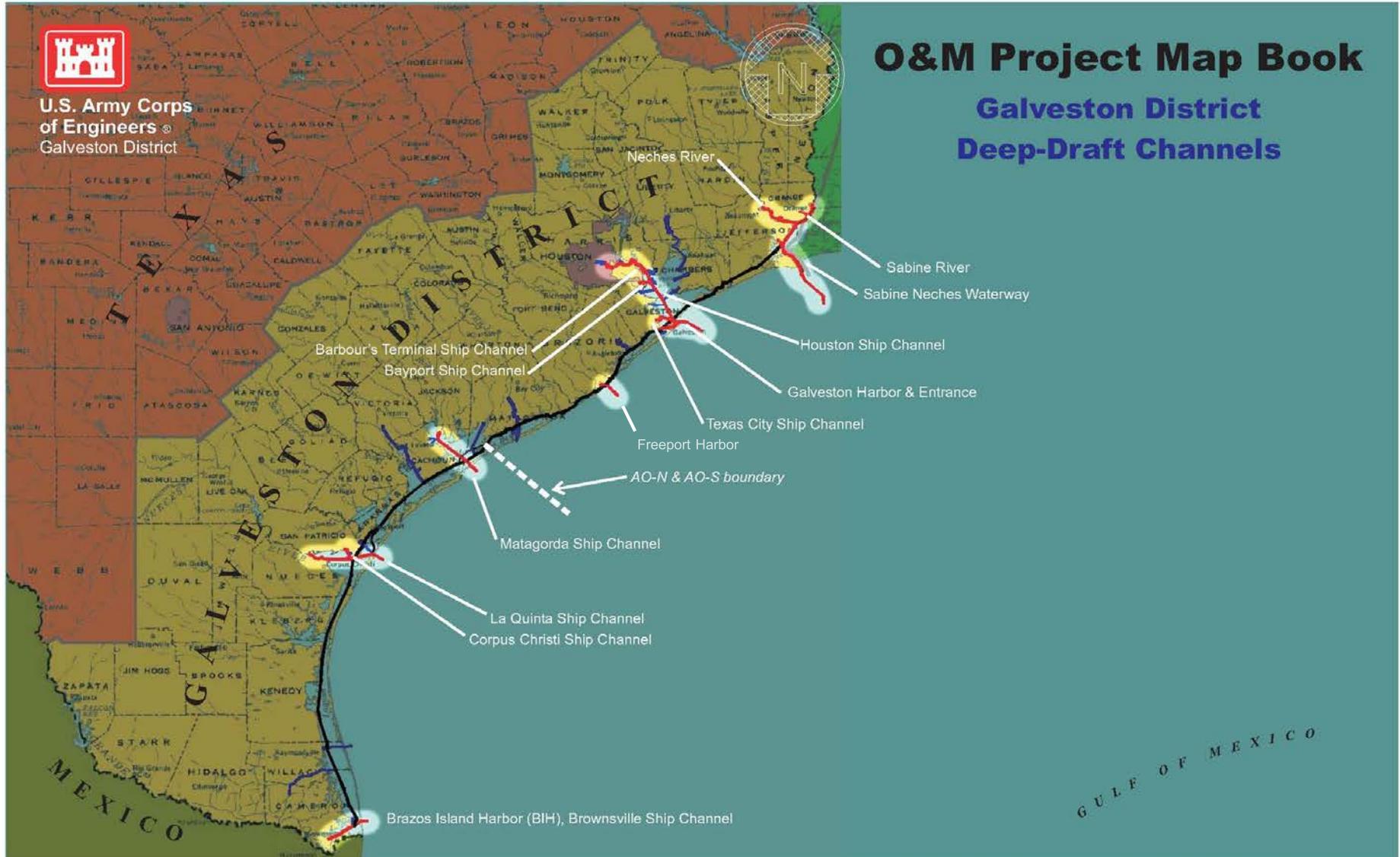


FY17 CONTRACT SCHEDULES FREEPORT HARBOR



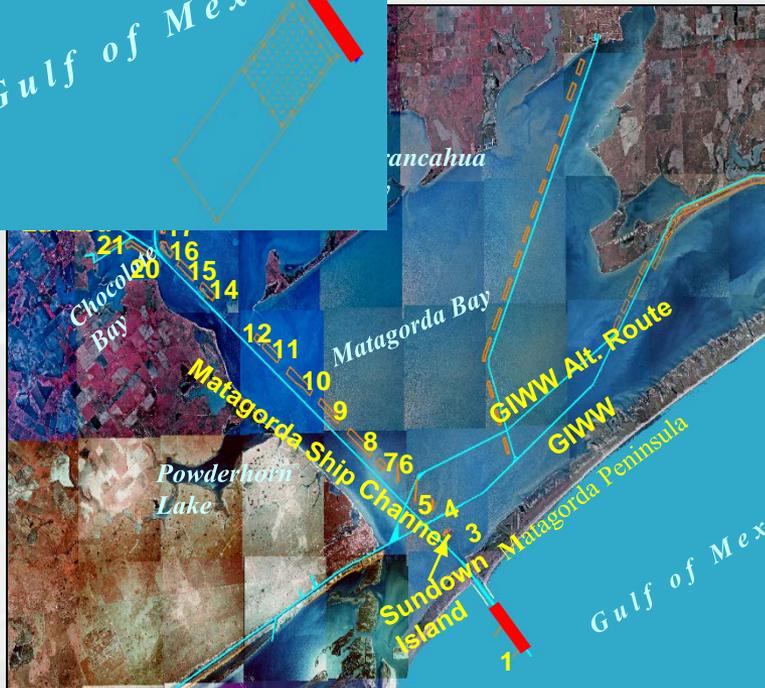
U.S. Army Corps
of Engineers
Galveston District

O&M Project Map Book Galveston District Deep-Draft Channels





FREERPORT HARBOR & MATAGORDA ENTRANCE CHANNELS



Project:	Freeport Harbor & Matagorda Entrance Channels
Dredging Depth:	48 & 42 ft. Required Depth
Dredging Width:	Varies
Dredging Length:	Varies
Dredging Quantity:	3,000,000 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:	July 2017
Est. Completion Date:	December 2017

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FREEPORT HARBOR PA-1 CONTAINMENT DIKE RAISE



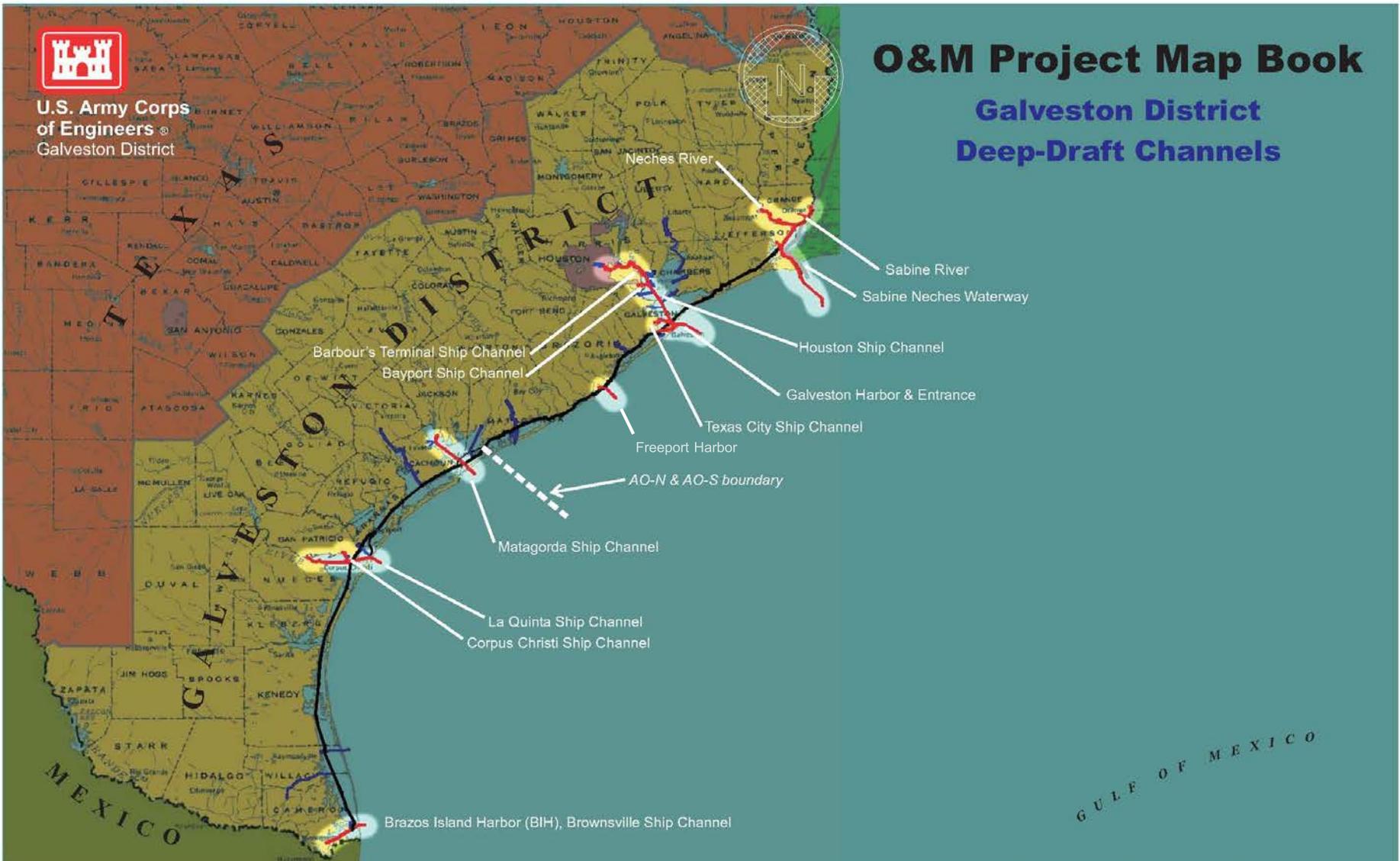
Project:	Freeport Harbor PA-1 Containment Dike Raise
Dredging Depth:	NA
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	Sand/Silt
Placement Area:	PA-1
Distance to Place Area:	NA
Dragline/Earthmoving equipment	Dragline/Earthmoving equipment
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	January 2017
Est. Completion Date:	July 2017

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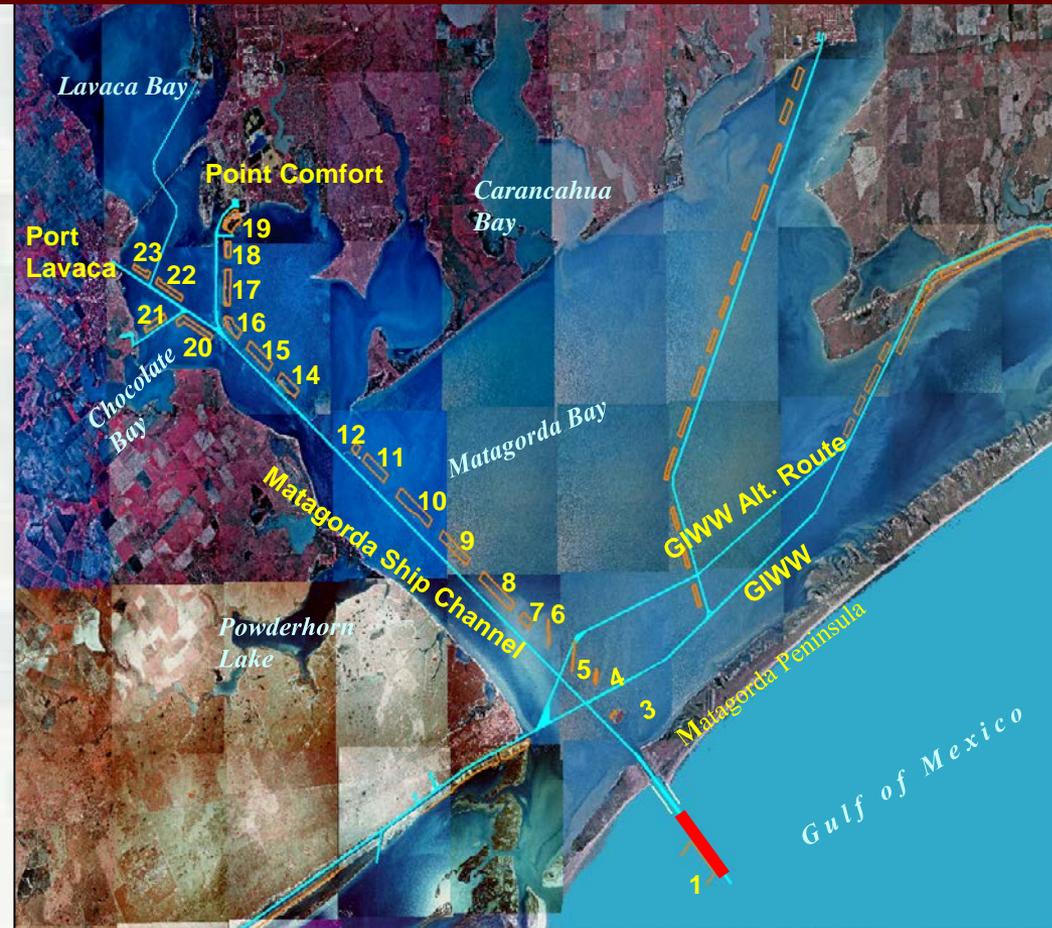
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FY17 CONTRACT SCHEDULES MATAGORDA SHIP CHANNEL





RAPID RESPONSE MATAGORDA ENTRANCE CHANNEL



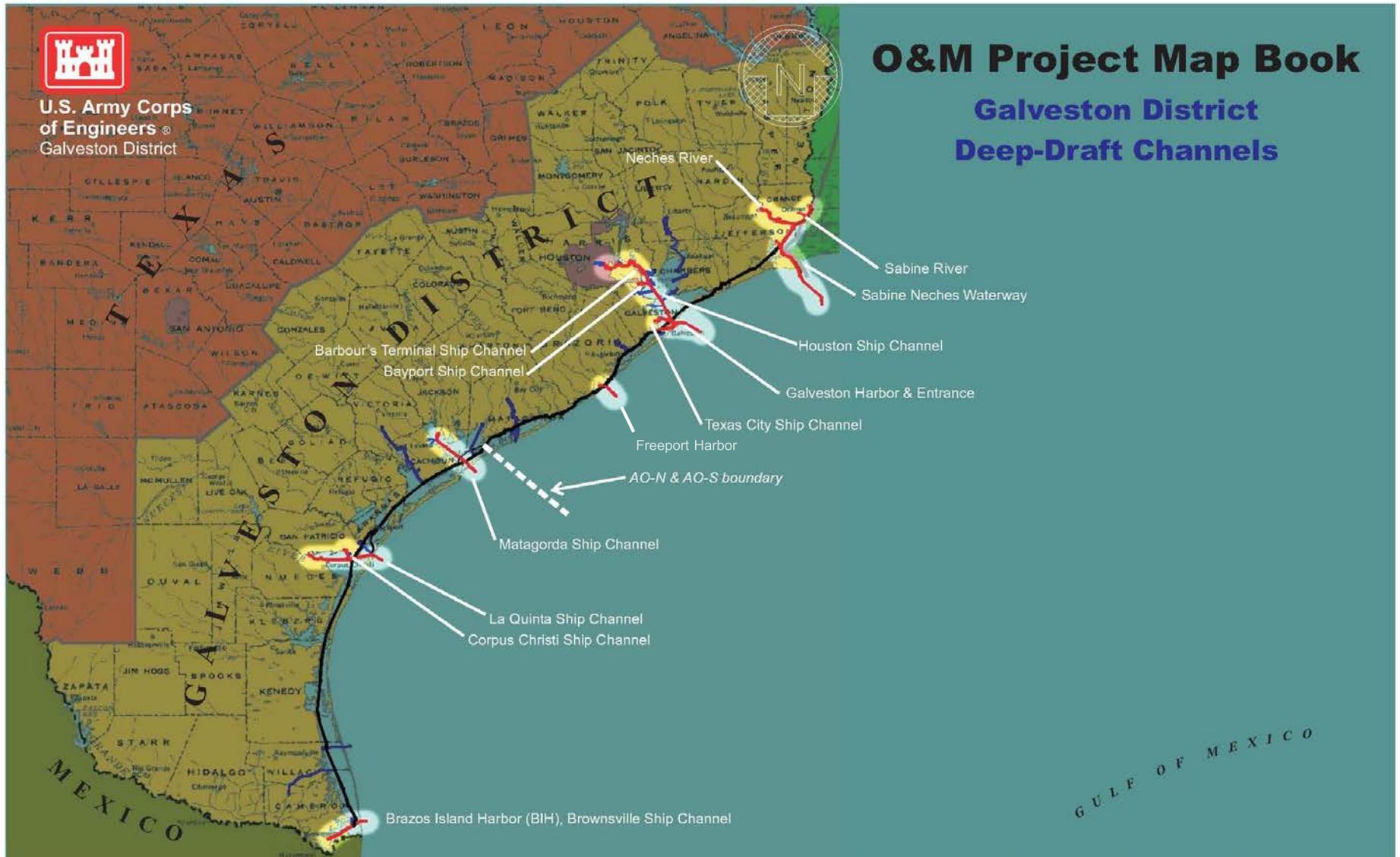
Project:	Rapid Response Matagorda Entrance Channel
Dredging Depth:	42 ft. Required Depth
Dredging Width:	Varies
Dredging Length:	Varies
Dredging Quantity:	300,000 cubic yards
Material Type:	Sand/Silt
Placement Area:	Offshore
Distance to Place Area:	2 Mile Avg.
Type of Equipment:	Hopper
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	December 2016
Est. Completion Date:	December 2016

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FY17 CONTRACT SCHEDULES CORPUS CHRISTI SHIP CHANNEL





CORPUS CHRISTI SHIP CHANNEL PA 13 CONTAINMENT DIKE RAISE



Project:	Corpus Christi Ship Channel PA 13 Containment Dike Raise
Type of Work:	Dike 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
Est. Start Date:	June 2017
Est. Completion Date:	June 2018

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CORPUS CHRISTI SHIP CHANNEL PA 10 & 3 CONTAINMENT DIKE RAISE



Project:	Corpus Christi Ship Channel PA 10 & 3 Containment Dike Raise
Type of Work:	Dike Raising
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	NA
Placement Area:	PA 3 & PA10
Distance to Placement Area:	NA
Type of Equipment:	Dragline/Earthmoving Equipment
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	September 2017
Est. Completion Date:	March 2018

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FY17 CONTRACT SCHEDULES

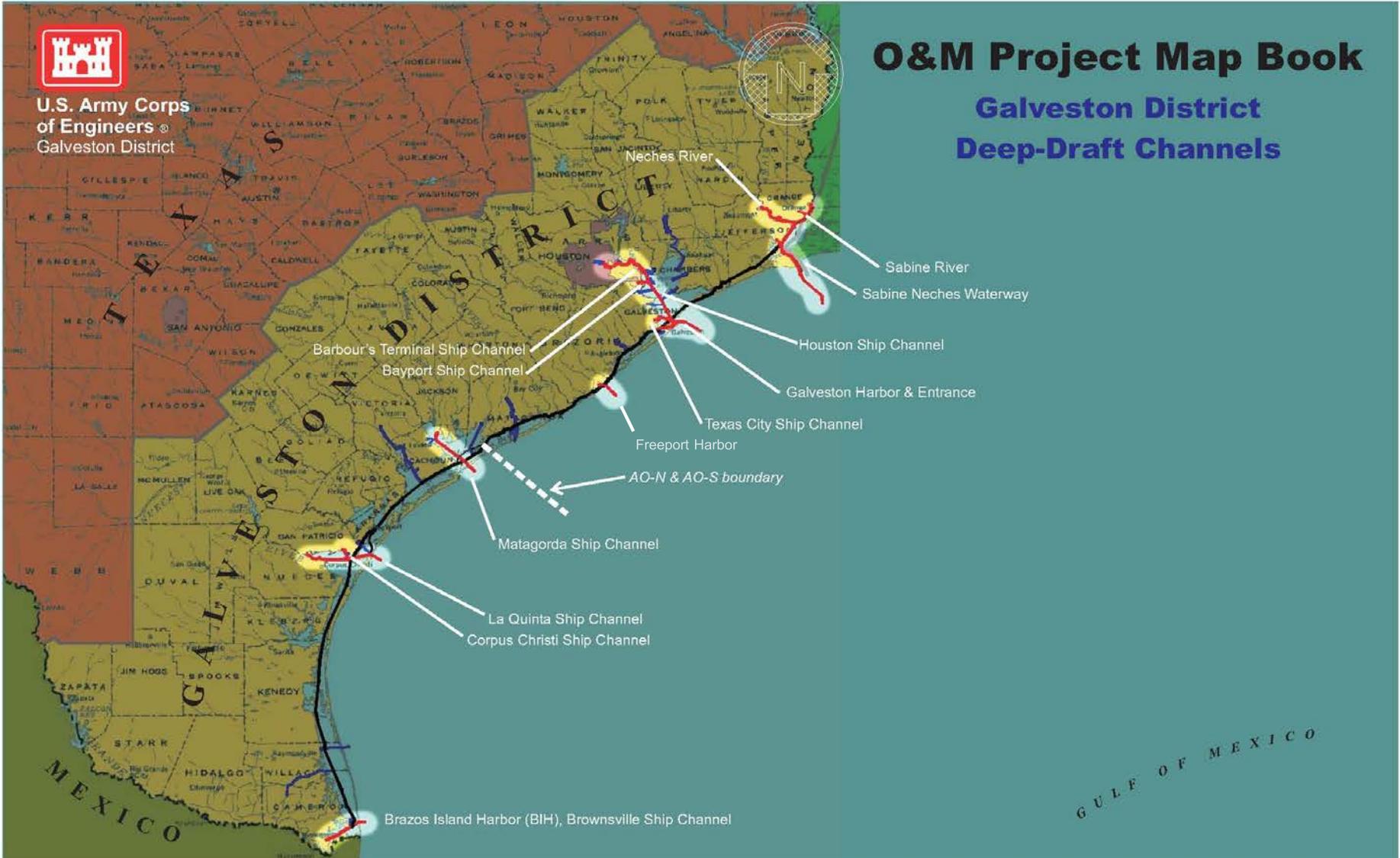
BRAZOS ISLAND HARBOR



U.S. Army Corps
of Engineers
Galveston District

O&M Project Map Book

Galveston District Deep-Draft Channels





BRAZOS ISLAND HARBOR JETTY CHANNEL

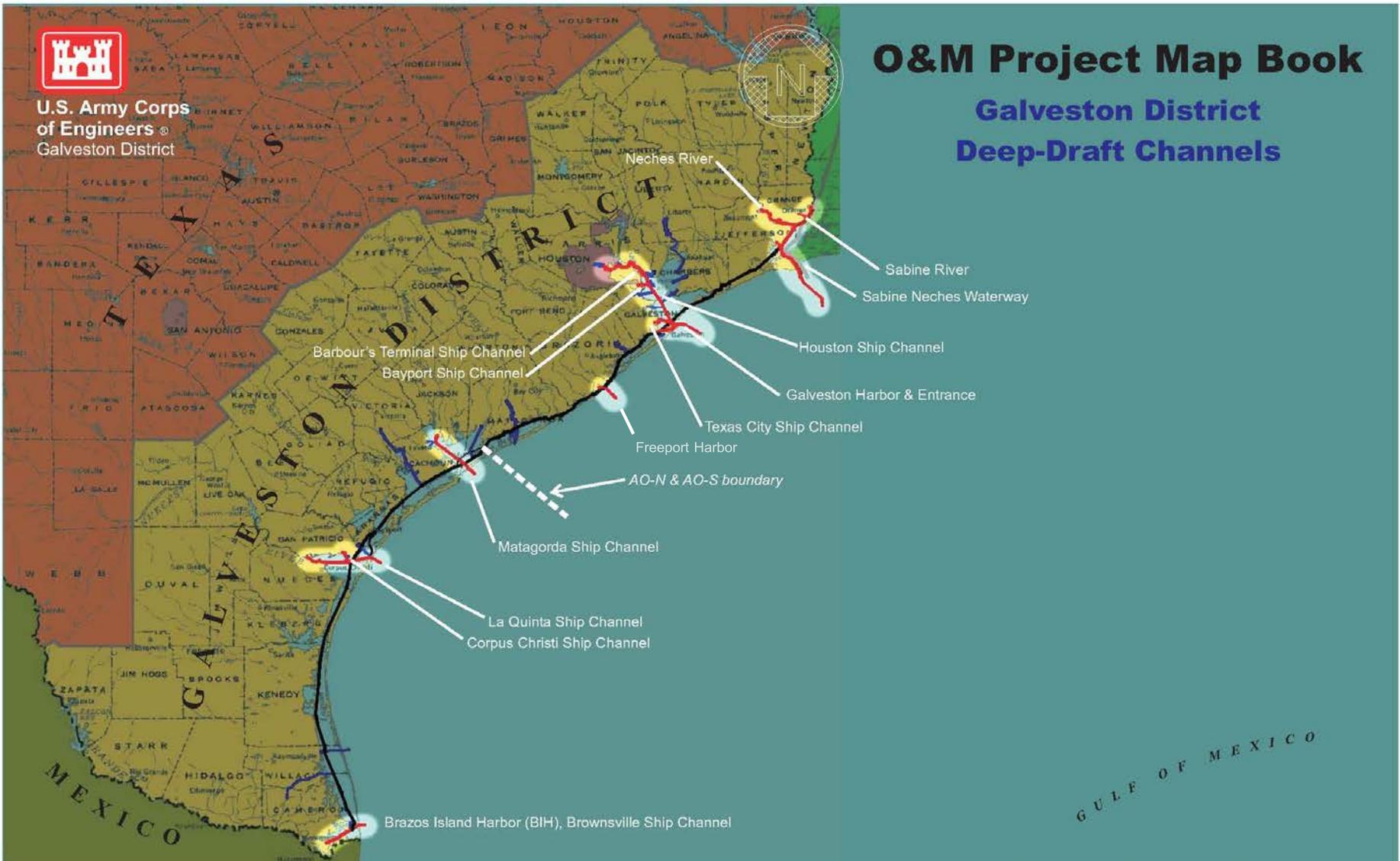


Project:	Brazos Island Harbor Brownsville Jetty Channel
Dredging Depth:	44 ft. Required Depth
Dredging Width:	300 - 400 ft.
Dredging Length:	Varies
Dredging Quantity:	500,000 cubic yards
Material Type:	Sand
Placement Area:	Beach / BU
Distance to Place Area:	1-5 Miles Avg.
Type of Equipment:	Hopper / Pipeline
Env. Window:	1 Oct - 14 Mar (open)
Reason for Window:	Turtle Nesting / Tourism
Est. Start Date:	October 2017
Est. Completion Date:	January 2018



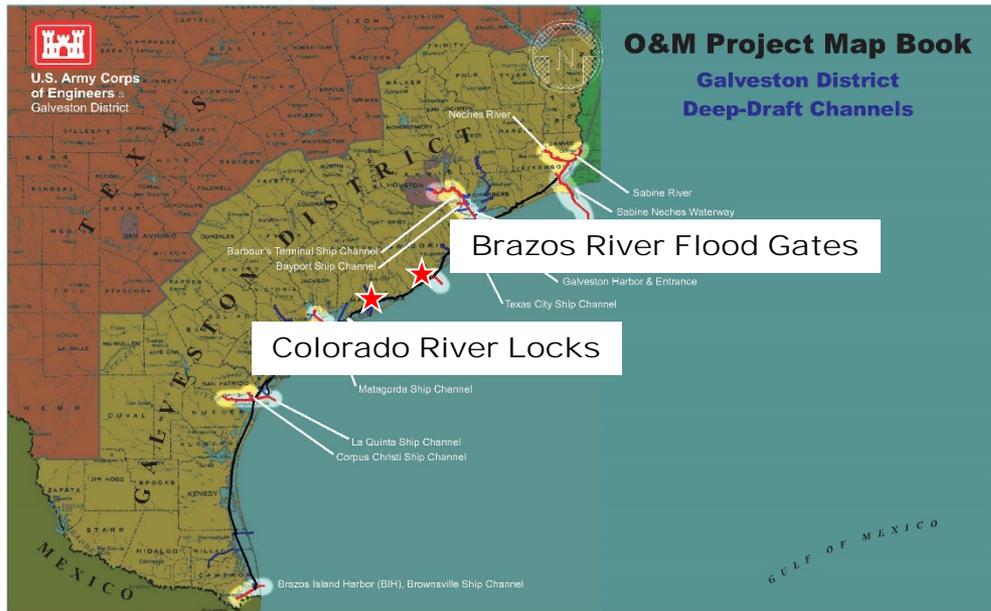
FY17 CONTRACT SCHEDULES

GULF INTRACOASTAL WATERWAY





GULF INTRACOASTAL WATERWAY FACILITY ELECTRICAL REPAIRS

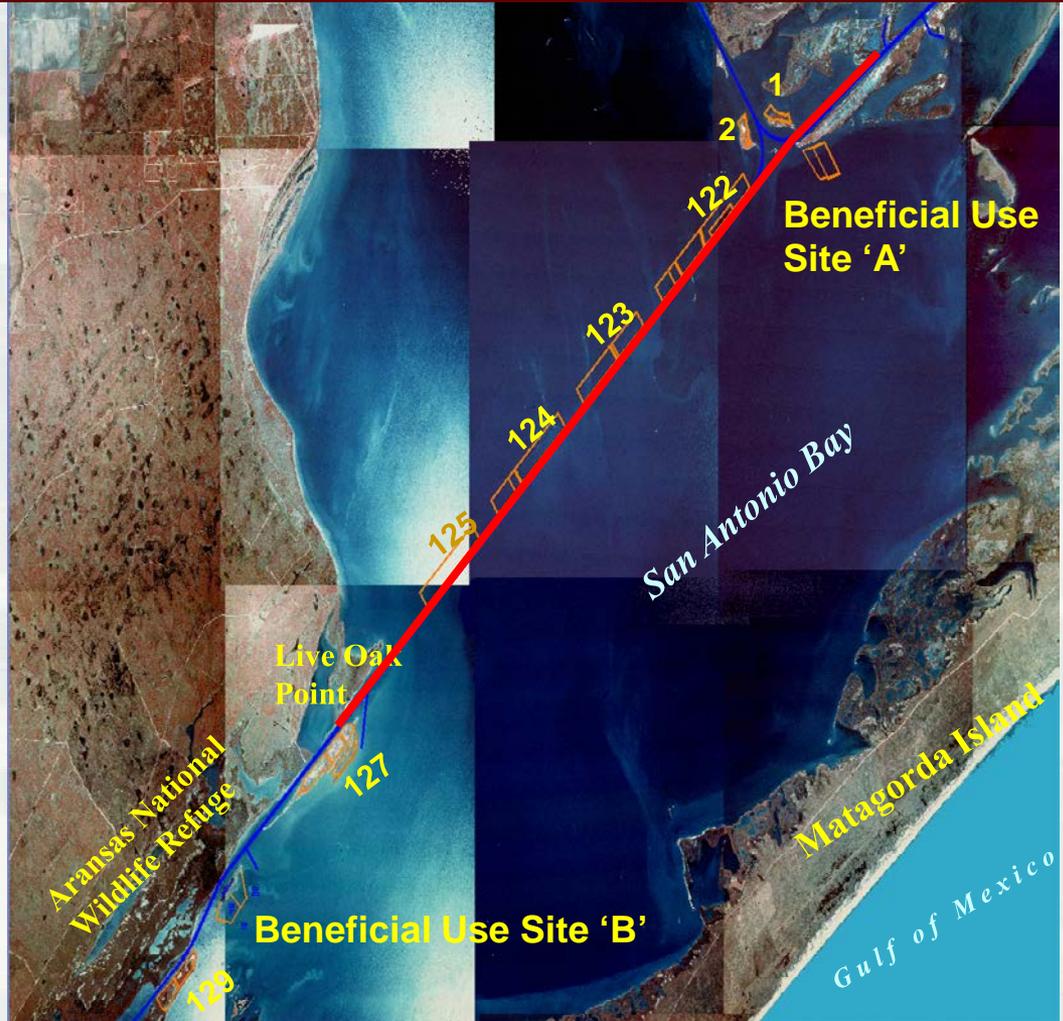


Project:	Gulf Intracoastal Waterway CRL and BRFG Electrical Repairs
Dredging Depth:	NA
Dredging Width:	NA
Dredging Length:	NA
Dredging Quantity:	NA
Material Type:	NA
Placement Area:	NA
Distance to Placement Area:	NA
Type of Equipment:	Electrical
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	March 2017
Est. Completion Date:	September 2017





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
Est. Start Date:	June 2017
Est. Completion Date:	October 2017

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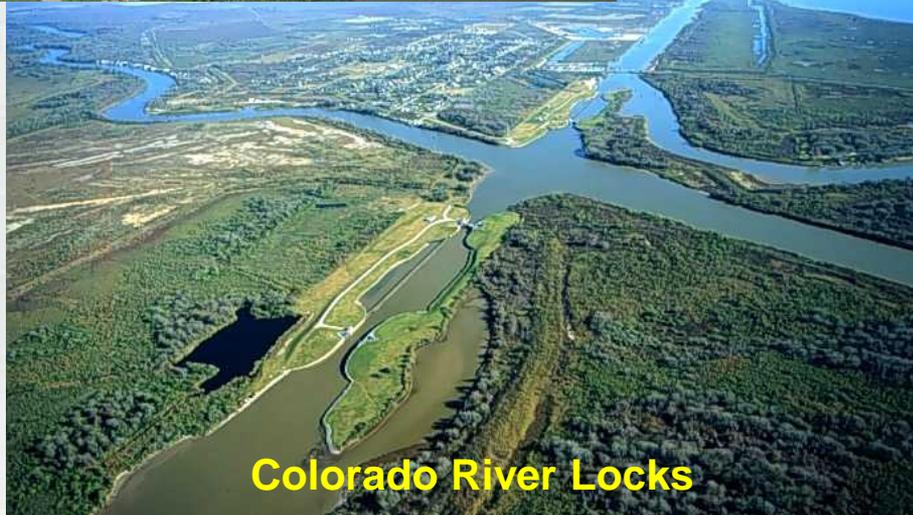
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GULF INTRACOASTAL WATERWAY SCOUR HOLE REPAIRS



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
Est. Start Date:	June 2017
Est. Completion Date:	November 2017

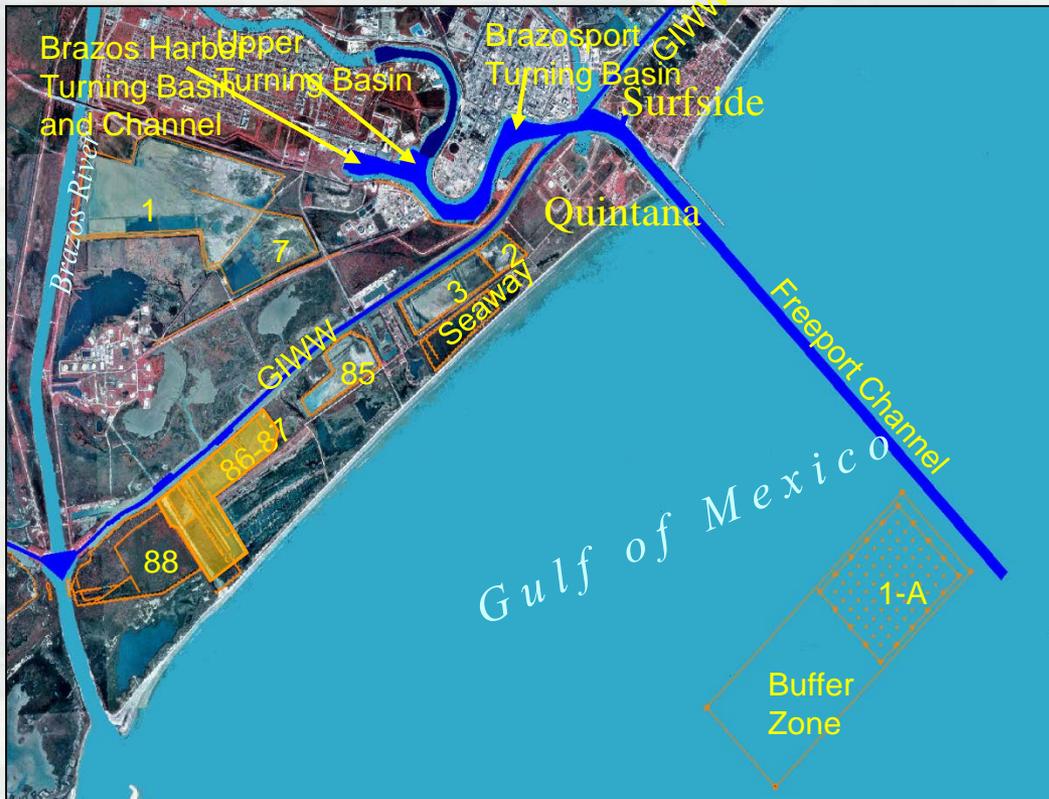
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GULF INTRACOASTAL WATERWAY PA 86 & 87 CONTAINMENT DIKE RAISE



Project:	Gulf Intracoastal Waterway PA 86 & 87 Containment Dike Raise
Type of Work:	Dike 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
Est. Start Date:	July 2017
Est. Completion Date:	February 2018

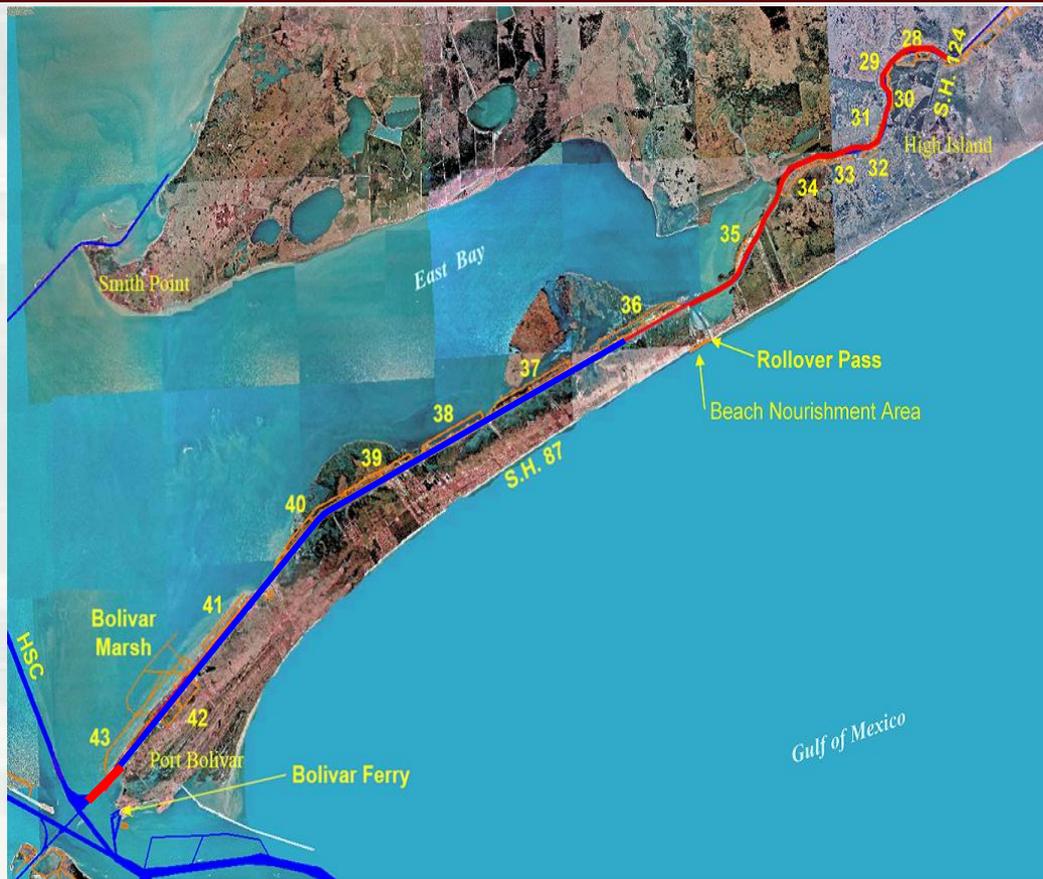
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GULF INTRACOASTAL WATERWAY HIGH ISLAND TO ROLLOVER PASS & BOLIVAR FLARE



Project:	Gulf Intracoastal Waterway High Island to Rollover & Bolivar Flare
Dredging Depth:	15 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
Est. Start Date:	October 2017
Est. Completion Date:	February 2018

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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:	Earthwork Equipment
Env. Window:	NA
Reason for Window:	NA
Est. Start Date:	July 2017
Est. Completion Date:	January 2018

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CHANNEL TO HARLINGEN



Project:	Channel to Harlingen
Dredging Depth:	13 ft. Required Depth
Dredging Width:	Varies
Dredging Length:	Varies
Dredging Quantity:	600,000
Material Type:	Fine Silt/Sand
Placement Area:	PA 2-3, 8, 23
Distance to Placement Area:	2 Miles Avg.
Type of Equipment:	Pipeline Dredge
Env. Window:	N/A
Reason for Window:	N/A
Est. Start Date:	October 2017
Est. Completion Date:	January 2018

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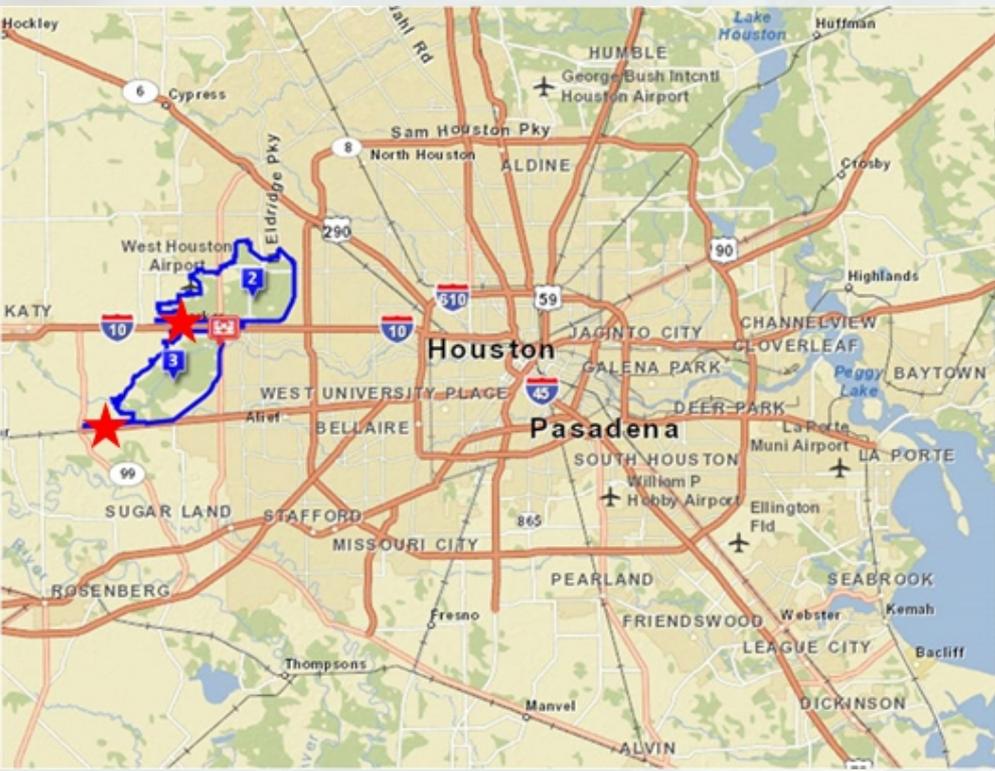


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BUFFALO BAYOU

Roller Compacted Concrete Spillway Repairs



Project:	Buffalo Bayou-Addicks and Barker Dam, Roller Compacted Concrete Spillway Repairs
Dredging Depth:	N/A
Dredging Width:	N/A
Dredging Length:	N/A
Dredging Quantity:	N/A
Material Type:	N/A
Placement Area:	N/A
Distance to Placement Area:	N/A
Type of Equipment:	Concrete Repair
Env. Window:	N/A
Reason for Window:	N/A
Est. Start Date:	August 2017
Est. Completion Date:	February 2018

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GALVESTON DISTRICT NAVIGATION

Questions/Comments?

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

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