

Southern Coastal Channels- Deep and Shallow Draft

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Operation Manager

Navigation Branch

27 October 2011

Galveston District – 2011 Dredging Conference

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US Army Corps of Engineers
BUILDING STRONG®



Southern Coastal Channels, Deep and Shallow Draft



Channel to Harlingen
Channel to Port Mansfield
Brazos Island Harbor
Gulf Intracoastal Waterway (GIWW)
--Matagorda Bay to Port Isabel
Channel to Aransas Pass
Channel to Port Aransas
Port Isabel Side Channels and Sm. Boat Harbor



FY 2012

Projects

Galveston District – 2011 Dredging Conference

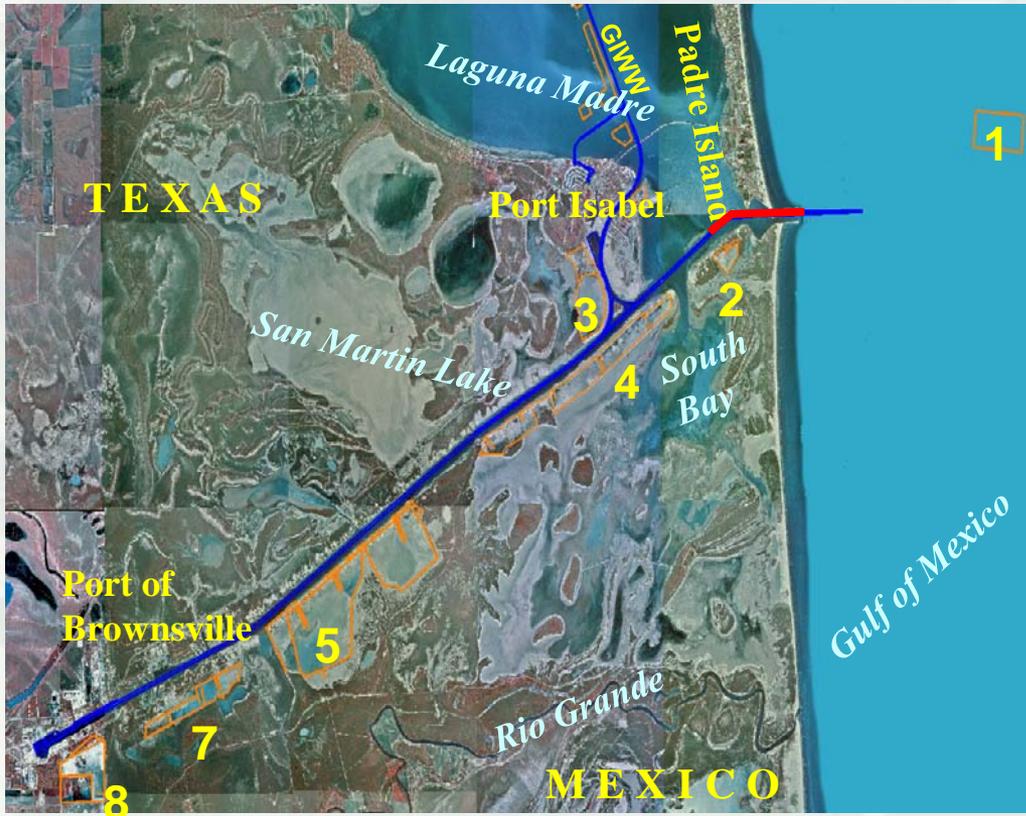
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Brazos Island Harbor

Brownsville Jetty Channel



- **Type of Work:** Maintenance Dredging
- **Depth:** 44 foot
- **Quantity:** 200,000 CYs
- **Dredge Frequency:** 1 year
- **Material Type:** Sand
- **Placement Plan:** Beach / BU
- **Avg. Distance to PA:** 3 miles
- **Equipment Type:** Hopper/Cutter Dredge
- **Small Business Set Aside:** NA
- **Advertised:** 03 Oct 2011



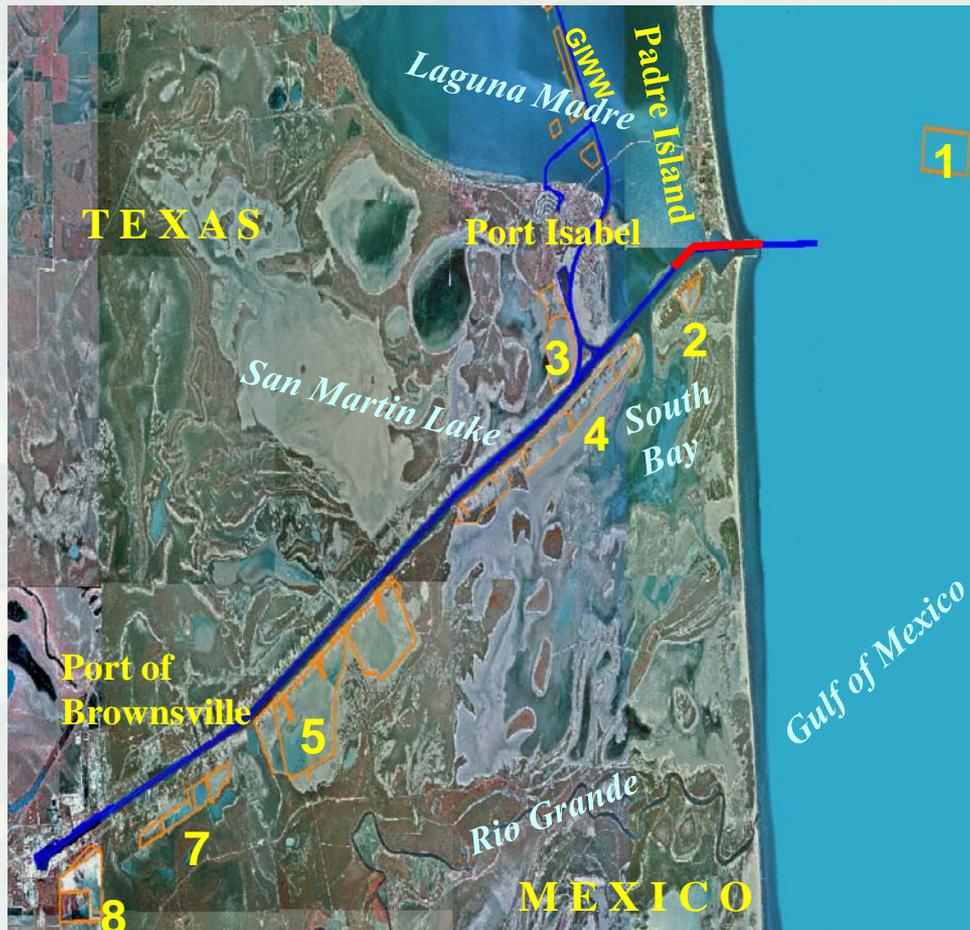
FY 2013

Planned Requirements



Brazos Island Harbor

Brownsville Jetty Channel



- **Type of Work:** Maintenance Dredging
- **Depth:** 44 foot
- **Quantity:** 250,000 CYs
- **Dredge Frequency:** 1 year
- **Material Type:** Sand
- **Placement Plan:** Beach / BU
- **Avg. Distance to PA:** 3 miles
- **Equipment Type:** Hopper/Cutter Dredge
- **Small Business Set Aside:** NA
- **Advertise:** Oct 2012

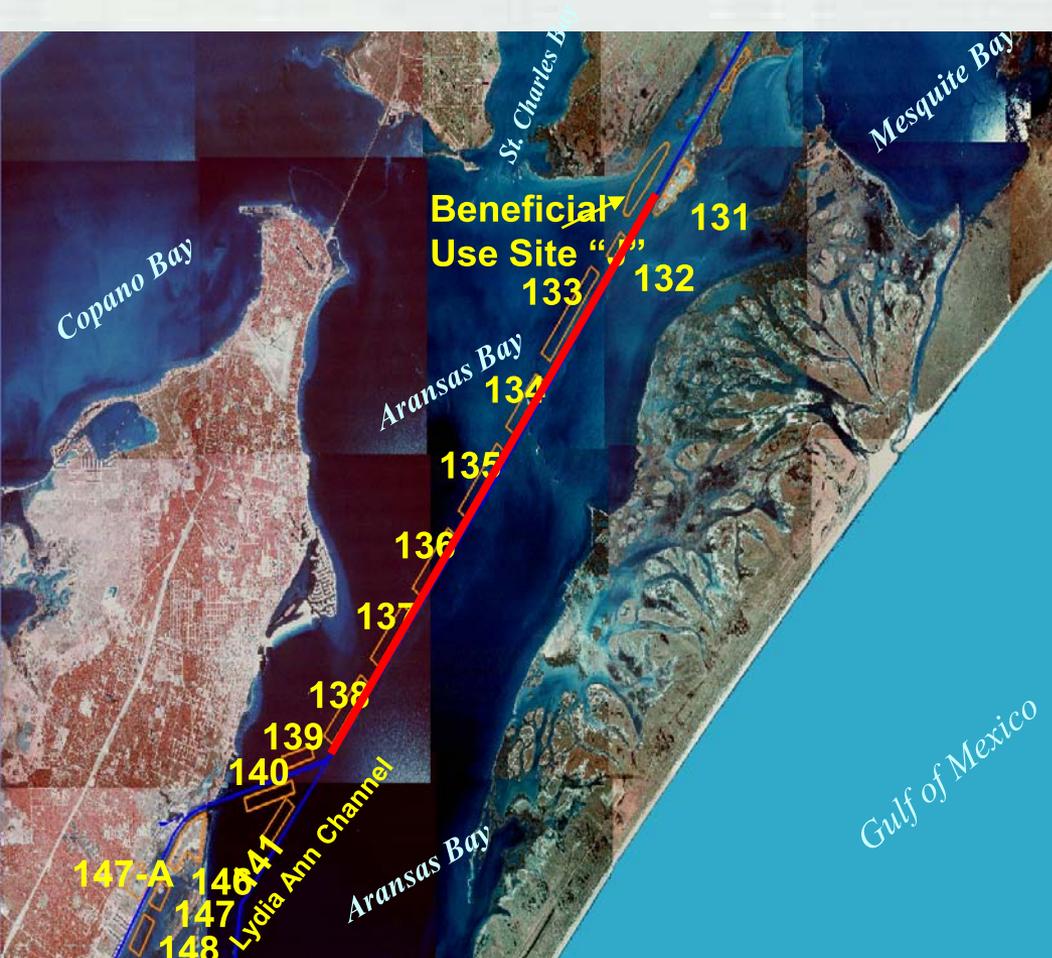
Galveston District – 2011 Dredging Conference

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Gulf Intracoastal Waterway Across Aransas Bay

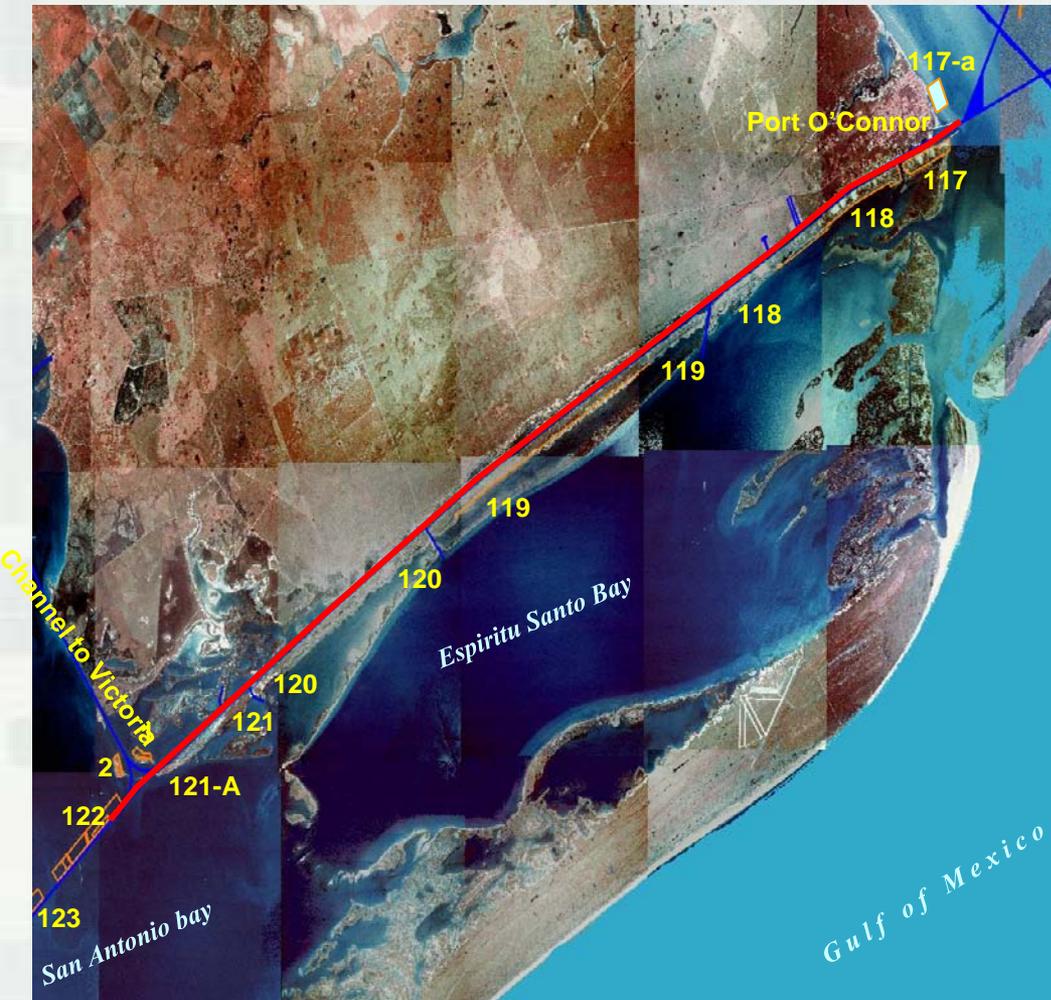


- **Type of Work:** Maintenance dredging
- **Depth:** 12 foot
- **Quantity:** 1,500,000 CYs
- **Dredge Frequency:** 2 years
- **Material Type:** Fine Silt/Sand
- **Placement Plan:** Open / BU sites
- **Avg Distance to PA:** 3 miles
- **Equipment Type:** Pipeline
- **Small Business Set Aside:** N/A
- **Advertise:** Mar 2013



Gulf Intracoastal Waterway

Port O'Connor to San Antonio Bay

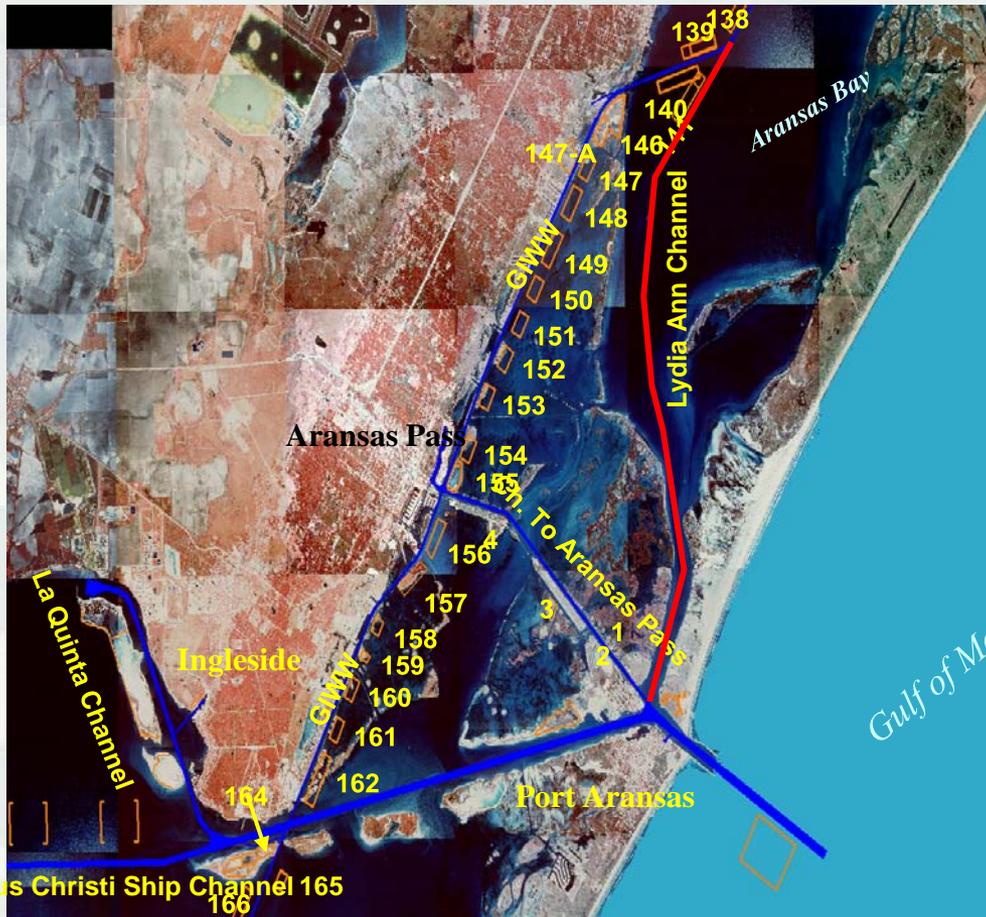


- **Type of Work:** Maintenance dredging
- **Depth:** 12 foot
- **Quantity:** 1,100,000 CYs
- **Dredge Frequency:** 5 years
- **Material Type:** Sand/Silt
- **Placement Plan:** Confined and BU
- **Avg Distance to PA:** 1.0 mile
- **Equipment Type:** Pipeline/Cutterhead
- **Small Business Set Aside:** N/A
- **Advertise:** May 2013



Gulf Intracoastal Waterway

Lydia Ann Channel



- **Type of Work:** Maintenance dredging
- **Depth:** 12 foot
- **Quantity:** 800,000 CYs
- **Dredge Frequency:** 5 years
- **Material Type:** Sands/Silts
- **Placement Plan:** Confined
- **Avg Distance to PA:** Varies
- **Equipment Type:** Pipeline/Cutterhead
- **Small Business Set Aside:** N/A
- **Advertise:** Apr 2013



Beneficial Use Projects

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Channel to Port Mansfield

Beach Nourishment

- 500,000 cubic yards of sand used to construct 3 acres beach
- Nesting habitat for endangered sea turtles



- Above – new beach in foreground
- Left – Hydraulic pipeline in left foreground; jetty to right; bulldozer grading new beach sediment in background



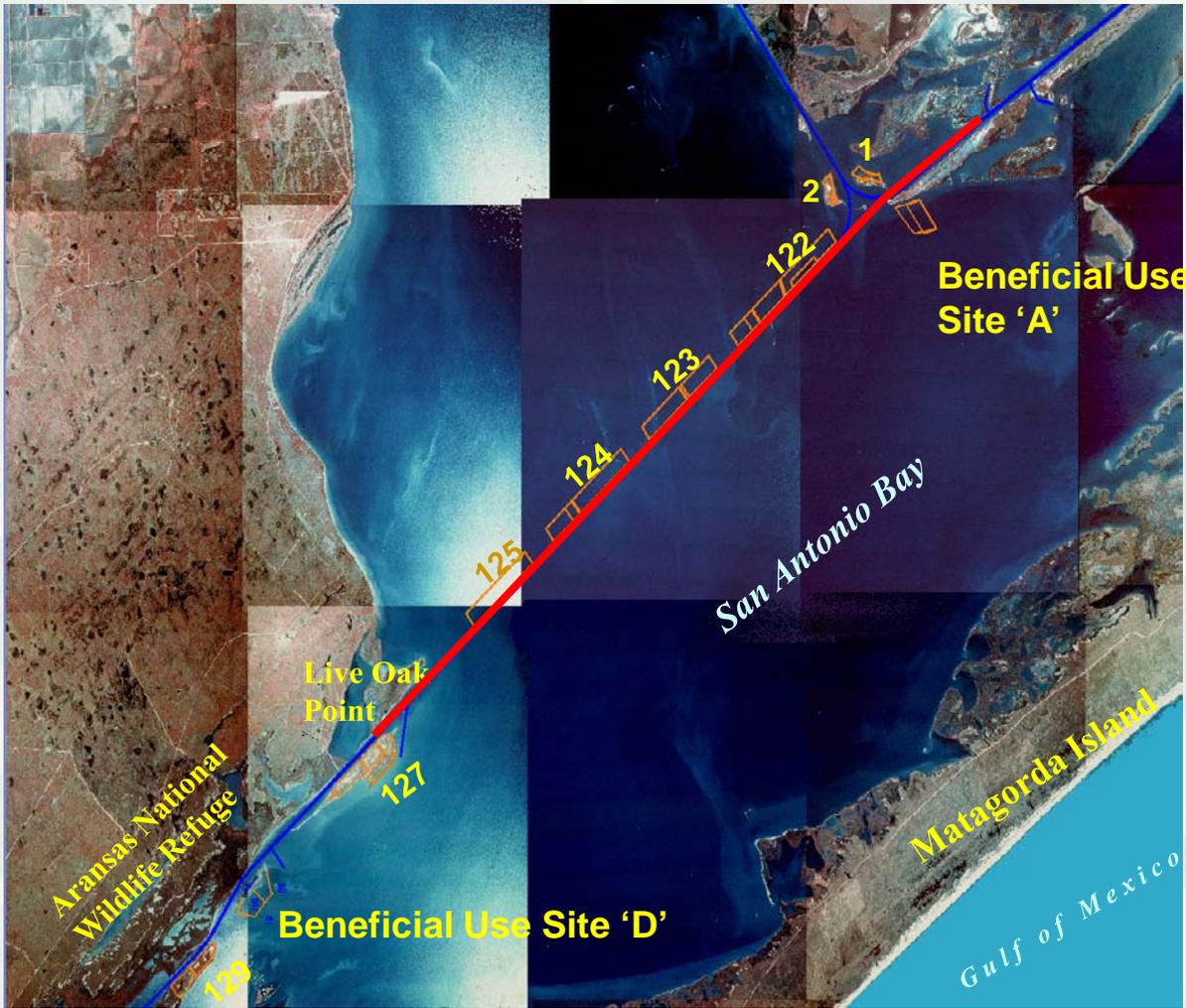
South Padre Island (Brazos Island Harbor)



- Beach
Nourishment
- 3000 feet of beach nourishment
 - City of South Padre in background
 - Hydraulic pipeline at right



GIWW- BU Activities-ANWR



Create new cells at
BUS A, BUS B, & BUS D



Questions Comments?



For more information, contact:

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