

GICA Annual Seminar 2015

USACE Commanders' Panel

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U.S. Army Corps of Engineers



US Army Corps of Engineers
BUILDING STRONG





Vision & Strategy for Texas Coast

Future of the Texas Coast

Shared Visioning for the Texas coast:

- The navigation system (Deep Draft Ports / Shallow Draft Ports / GIWW) is positioned for sustainable **economic growth** and Texas ports continue to drive the regional and national economic engine.
- The Texas Coast environment is protected from coastal erosion & storm surge; **ecologic health** and **community resiliency** are improved;
- USACE has strong **strategic partnerships** within the Texas Coastal Stakeholder community that support Federal and non-Federal investment in the system's infrastructure



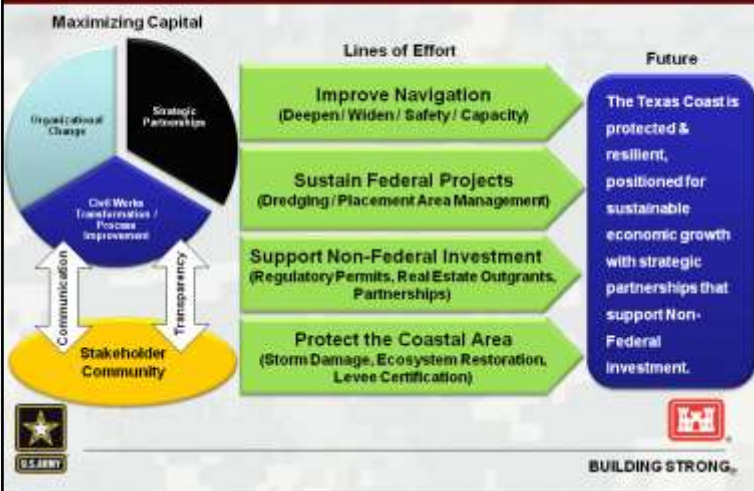
Future

The Texas Coast is protected & resilient, positioned for sustainable economic growth with strategic partnerships that support non-Federal investment.

Working with state & local partners, the Galveston District supports a shared vision for the future of the Texas Coast



Texas Coast Strategy



FY15 Accomplishments

FY16 Planned Work & Initiatives

Fiscal Year 2015

- President's Budget: \$25,503,000
- Allocation: \$26,769,000
- Capability: \$53,925,000
- 4 Dredging Contracts: 6.9MCY
- Deployed 50 Buoys at 3 Basins
- Purchased additional 50 Buoys
- Caney Creek Urgent Dredging
- Improved Hydrographic Survey Capability
- Fleeting Area Coordination
- Hosted Inland Waterway Users Board
- Partnered with TXDOT on Studies

Fiscal Year 2016

- President's Budget: \$23,750,000
- Allocation: TBD
- Total Capability: \$43,021,000
- 3 Dredging Contracts: 3.9MCY
- Placement Area Improvement Contracts
- Construct Beneficial Use Sites
- Deploy New & Maintain existing buoys
- Repair 80 Defective Buoys
- Galveston Causeway Debris (TXDOT)
- Online Hydrographic Surveys
- Update High Water Management Plans
- Continue Partnership with TXDOT



GIWW - Texas

Gulf Intracoastal Waterway - TEXAS

GIWW Facts

- Texas portion 379 miles (1,109 miles total), 12-ft deep, 125ft wide
- Non-federal sponsor; TXDOT
- Commodities transported valued at \$42 billion dollars
- GIWW connects Texas ports and manufacturing facilities to the nation
- Approximately 75% of transported commodities are refined petroleum products

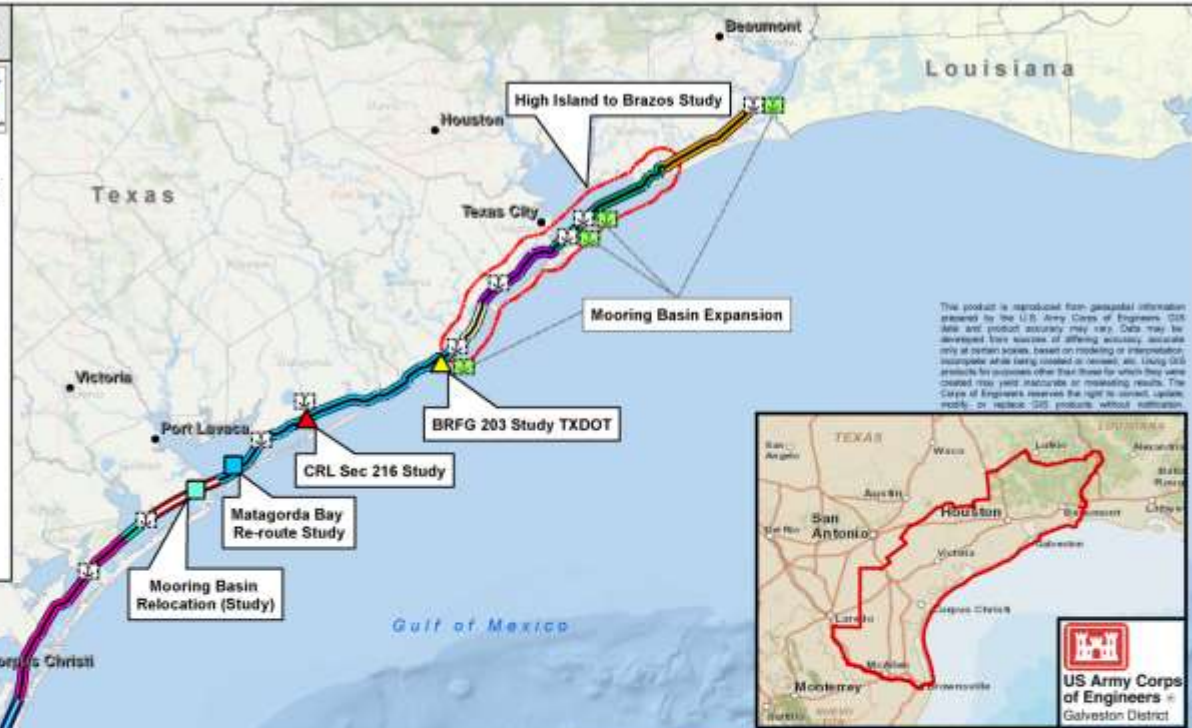


Operations & Maintenance

- 5-7 million cubic yards through maintenance dredging annually
- Approximately 20% of dredged material used beneficially
- Two navigation structures: Operate and Maintain
- Maintain 155 mooring buoys at 10 mooring basin locations
- Mooring Basin Expansion (OM)
- Operate and maintain ~ 250 Dredged Material Placement Areas
- High Island to Brazos River - Dredged Material Management Plan (OM)

Partnership Initiatives

- Brazos River Flood Gates (Section 203 Study)
- Colorado River Locks (Section 216 Study)
- Mooring Basin Relocation (Study)
- Matagorda Bay re-route (Study)
- Galveston Causeway- Debris Removal (OM)
- High Island to Brazos River - Channel Improvement (Design)



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- ▲ Brazos River Flood Gates Reconfiguration Study
- ▲ Colorado River Locks Reconfiguration Study
- Matagorda Bay Re-route Study
- Mooring Basin Relocation Study
- Mooring Basins Expansion
- Active Mooring Basins

Dredging Reaches	Approximate Dredge Frequency	FY15	FY16
Port Arthur to High Island	10+yr	✓	✓
High Island to Causeway	1yr	✓	✓
Causeway to Bastrop	4yr	✓	✓
Bastrop to Freeport	10+yr	✓	✓
Freeport to Matagorda Bay	3yr	✓	✓
Port O Connor to San Antonio Bay	8yr	✓	✓
Turnstake Island to Live Oak Point	2yr	✓	✓
Aransas Bay to Corpus Christi	3yr	✓	✓
Corpus Christi to Port Isabel	2yr	✓	✓

Source: Leigh Clarke, Esq., Secretary, BE&C, NOAA 9502, 448 0849
 Revised: 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025
 Author: m0000000 - (Rev. Date: 2015/06/01)

High Island to Brazos Study

- Channel Improvement Study (Design)
- Dredged Material Management Plan (OM)

Study of Channel Improvement Scope

- Sievers Cove - Channel widening
- Greens Lake - Add mooring basin
- Pelican Island - Widening of mooring basin
- West Bay - Reinforcement of barrier island
- Texas City - Reconfiguration of channel intersection

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