

Texas General Land Office Coastal Resources Program



Jerry Patterson
Land Commissioner

Update of the
Texas Coastal Erosion Planning
& Response Act (CEPRA)
Program

2010 USACE Galveston District
Dredging Conference
October 28, 2010
Ray Newby – GLO



Texas General Land Office
Coastal Resources
Project Planning, Permitting
and Technical Services Division



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Coastal Erosion Planning and Response Act (CEPRA)

- Enacted by Texas Legislature in 1999
- Currently in 6th 2-year Funding Cycle
- Cycle 6 Extends Through 8-31-2011



CEPRA Goals

- Protect the Natural Resources and Economic Future of the Texas Gulf Coast
- Partner with Local, State, and Federal Entities to Leverage Resources
- Protect and Restore Valuable Habitat
- Protect Property and Infrastructure

CEPRA Cost-Sharing

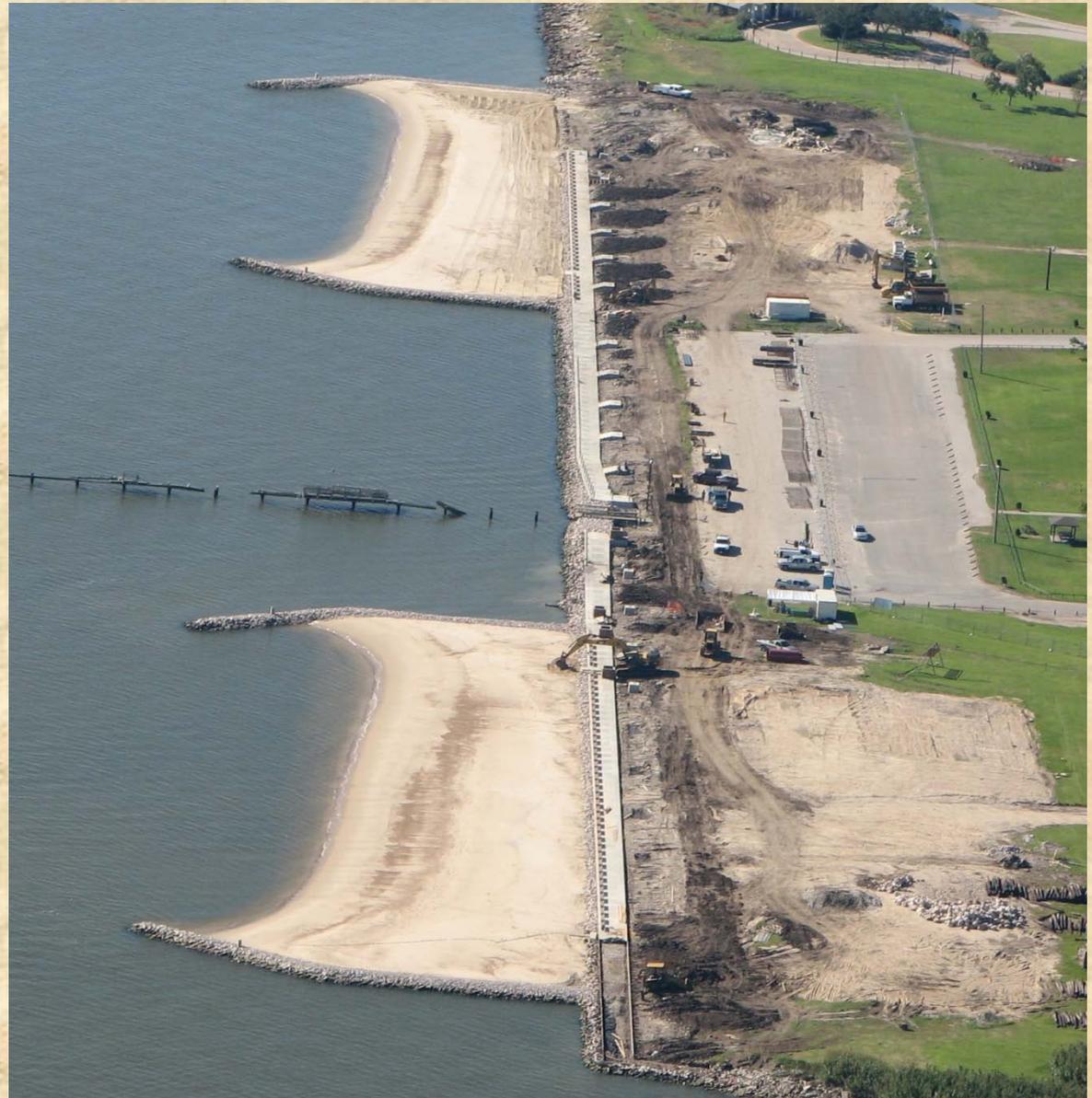
- Beach Nourishment and Dune Restoration:
CEPRA Maximum Cost Share of **75%** and
Project Partner Minimum Match of **25%**
- Habitat Restoration and Shore Protection:
CEPRA Maximum Cost Share of **60%** and
Project Partner Minimum Match of **40%**

Types of CEPRA Projects:

- Beach and Dune Restoration
- Marsh Restoration
- Shoreline Protection
- Beneficial Use of Dredged Material
- Structure Relocations
- Debris Removal
- Sand Source Investigations
- Shoreline Change Analyses

Beach Nourishment

Sylvan Beach
LaPorte, TX



Dune Restoration



McFaddin NWR Dune Restoration

Marsh Restoration



Moses Lake-Texas Coastal Prairie Preserve

Shoreline Protection



Beach Drive Revetment – Surfside Beach

Structure Relocation



Beach Drive – Village of Surfside Beach

Beneficial Use of Dredged Material (BUDM)

South Padre
Island Beach
Nourishment
2010





Before

South Padre Island BUDM

After



CEPRA Projects Using Dredged Materials

- South Padre Island
- GIWW Rollover Pass
- Texas Point NWR
- Packery Channel
- McGee Beach
- Quintana Beach
- Jumbile Cove
- Delehide Cove
- Starvation Cove
- Causeway Bird Island
- Nueces Bay Bird Island
- West Bay Bird Island



Cycle 6 CEPRA Projects Using Dredged Materials

- West Galveston Island
- South Padre Island BU
- Surfside Beach
- GIWW Rollover Pass
- McAllis Point Estuarine Restoration
- WGI Estuarine Habitat Restoration



Other Topics:

- Sand Source Investigations and Sediment Geo-Database Development to Continue with Coastal Impact Assistance Program and CEPRA Support.
- Working with USACE to Inventory Bolivar DMPAs for Possible Bolivar Beach Nourishment Project.
- Proceeding with Permitting and Engineering to Close Rollover Pass and Construct Fishing Amenities.
- Coordinating with USACE and other Gulf States to Develop Regional Sediment Management Plans.

Regional Sediment Management

- RSM is a “systems-based approach” to manage coastal and riverine sediments to achieve solutions to sediment-related needs across entire watersheds.
- RSM recognizes that sediment is a valuable resource for economic and environmental sustainability.
- RSM involves many stakeholders to make local and regional project decisions regarding sediment placement within natural environmental processes.
- RSM realizes that sediment management actions have potential long-term implications beyond a single navigation project.

RSM Strategies

- Develop regional sediment budgets to identify sediment sources, sinks, transport pathways, and existing sediment management activities, such as dredging, within the entire watershed system.
- Accommodate navigation channel dredging while striving to keep sediment in the natural system.
- Link sediment availability with regional restoration needs based on quantity, quality, and timing.
- Coordinate navigation channel maintenance with restoration projects to efficiently share resources.
- Bring navigation districts/port authorities into RSM discussions with local and regional stakeholders.

Bid Related Information

- Electronic State Business Daily (ESBD)
- <http://esbd.cpa.state.tx.us/>
- Centralized Master Bidders List (CMBL)
- <http://www.window.state.tx.us/procurement/>
- Historically Underutilized Business (HUB) Info:
- Helen Ringer (GLO) 512/463-5246

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