

PORT OF BAY CITY AUTHORITY DIVERSION DAM CUT

Client: Port of Bay City Authority



After the redirection of the Colorado River in to West Matagorda Bay in 1992, The Port of Bay City Authority (POBCA), the U.S. Army Corps of Engineers (USACE) and Matagorda County sought a solution to the public access, public safety, water quality and shoreline erosion concerns in regard to West Matagorda Bay, the old

Colorado River Access Channel and the Colorado River Locks on the Gulf Intracoastal Waterway. Several studies and numerical modeling efforts were conducted by the USACE and Coastal Tech, seeking a consensus solution to some or all of these concerns. Ultimately it was the consensus of the state and federal agencies that a cut from the Bypass Channel below the Diversion Dam into West Matagorda Bay was the preferred alternative for addressing the multiple concerns.

Although the Galveston District initiated the preparation of design documents for the Project, the District determined that they did not have the funds necessary to complete the design documents or to construct the Project. Coastal Tech and Matagorda County Coastal Tech provided preliminary



and final design phase services, including preparation of detailed plans and specifications for construction (now completed) and construction oversight (ongoing). A Section 404 application and General Land Office Surface Lease application were filed and processed. The USACE permit application for the project included the preparation of an Environmental Assessment (EA), in collaboration with the POBCA. Through working with the agencies during the permitting process, the Project design was realigned to avoid the loss of .36 acres of wetlands.

Coastal Tech also performed construction administration for the Project including weekly site visits and progress meetings to monitor the Contractor's work for compliance with the USACE permit.

Key Elements

- Data Collection & Assessment
- USACE - Section 404 Permitting
- Monthly Project Status Reports
- Preliminary & Final Design
- Bidding Phase Services
- Construction Phase Services

Date: 2008-2012

Cost: \$3,100,000.

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