



# Brazoria County Shore Protection, Tx

U.S. ARMY CORPS OF ENGINEERS

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FACT SHEET as of February 6, 2012

**AUTHORIZATION:** Resolution of the Committee on Transportation and Infrastructure of the U.S. House of Representatives, November 10, 1999

**TYPE OF PROJECT:** Flood Risk Management

**PROJECT PHASE:** Reconnaissance



**CONGRESSIONAL INTEREST:** Senators Hutchison and Cornyn (TX); Representatives Olson (TX-22) and Paul (TX-14)

**NON-FEDERAL SPONSOR:** The State of Texas, General Land Office

**BACKGROUND:** The study includes the Gulf Coast of Texas beginning at San Luis Pass (western end of Galveston Island), and extends approximately 50 miles west through Brazoria County. The proposal is to determine the Federal interest in shoreline erosion control, storm damage reduction, environmental restoration and protection, and related improvements to Brazoria County, Texas. Texas Coast Hurricane Study dated March 1979 and studies completed in the mid-1980s demonstrated that an economically feasible project could be developed. The plan of improvement recommended was beach nourishment. Severe shoreline erosion in Brazoria County has impacted commercial, residential and public lands (including wetlands) at a rate of 18 feet per year along some reaches of the shoreline. This erosion, if left to continue, will result in damages and lost benefits to multiple residences, multi-owner condominium complexes, and a state park. It is estimated that personal and commercial property valued at \$50,000,000 to \$60,000,000 are at risk. Two important environmental areas are potentially threatened by erosion from the Gulf. The Christmas Bay complex and Cedar Lakes areas are important feeding and nursery areas for fisheries and wildlife that contribute to the aquatic ecosystem. Both areas are adjacent to the Gulf shoreline, and a breach caused by continued erosion would scour the shallow water areas, erode the wetlands, and eliminate the productivity value of these areas.

**STATUS:** The study has never been initiated.

**ISSUES:** Severe shoreline erosion in Brazoria County has impacted commercial, residential and public lands (including wetlands) at a rate of 18 feet per year along some reaches of the shoreline.

<b><u>FINANCIAL SUMMARY (\$):</u></b>	<b><u>RECON</u></b>
Federal Cost Estimate	\$100,000
Non-Federal Cost Estimate	0
Total Project Cost	\$100,000
Allocation thru FY 2010	\$ 0
ARRA Funding	0
Allocation for FY 2011	0
Allocation for FY 2012	0
President Budget FY 2013	0
Capability for FY 2013	100,000
Balance to Complete	\$100,000

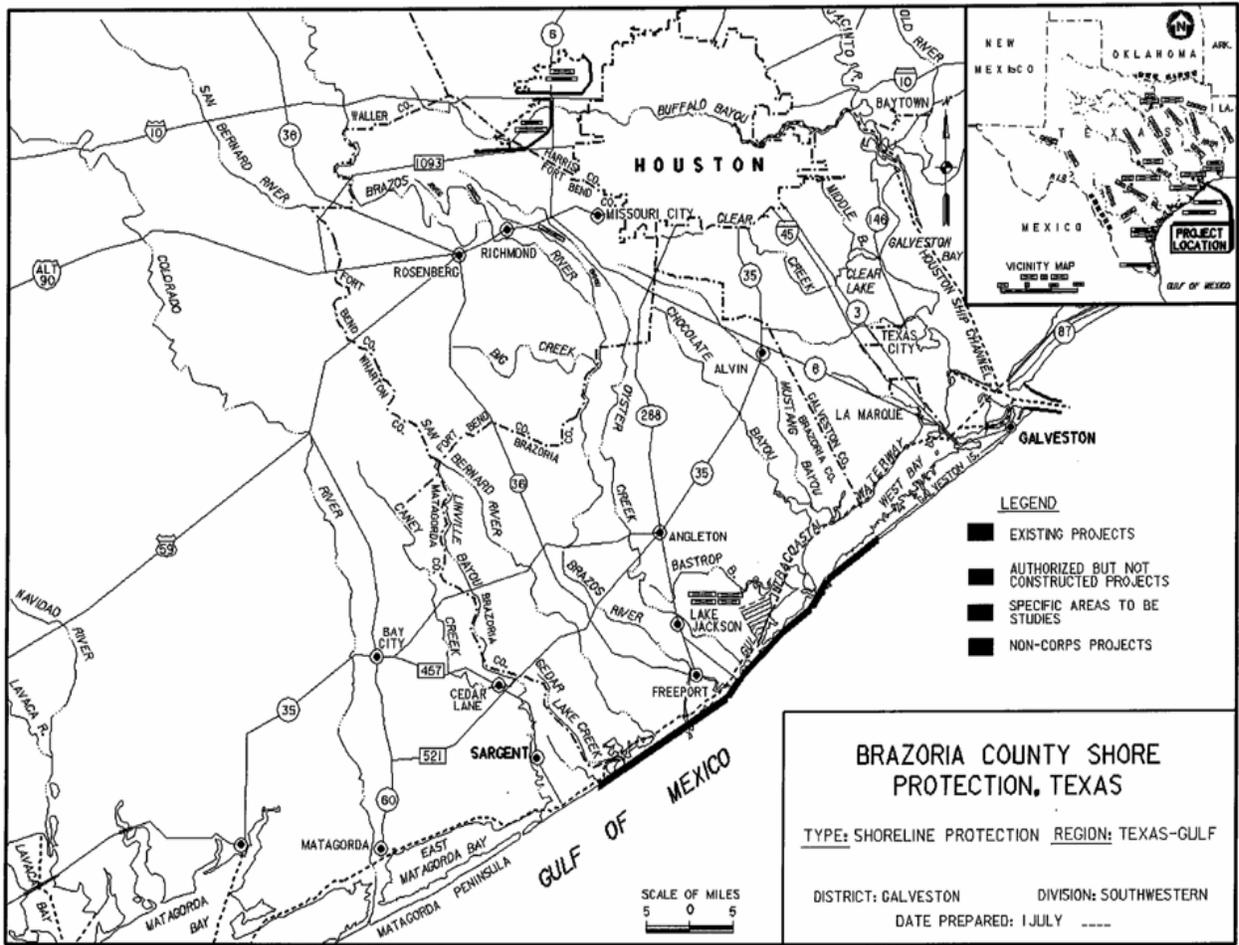
**SCHEDULE:**

**FY 2012 Scheduled Work:** Not in the President's FY2012 budget.

**FY 2013 Budget:** The study is not in the President's FY2013 budget. If funding is received it would be used to complete a Reconnaissance Study (905b), prepare a Project Management Plan, and execute a Feasibility Cost Sharing Agreement (\$100,000).

**COMPLETION:** With optimum funding, the study completion date is March 2014, which is 12 months after initiation of the Reconnaissance phase.

**For more information** regarding the Brazoria County Shore Protection study, contact Mr. Pete Perez, P.E. Deputy District Engineer, Chief Programs and Project Management Division at 409-766-3018 or [Pete.G.Perez@usace.army.mil](mailto:Pete.G.Perez@usace.army.mil).



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