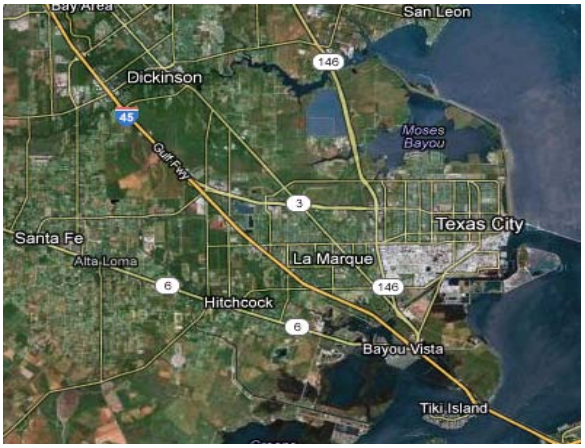
Texas City Hurricane Flood Protection, TX

U.S. ARMY CORPS OF ENGINEERS **BUILDING STRONG®**

FACT SHEET as of February 6, 2012



AUTHORIZATION: Section 216 of the Flood Control Act of 1970 (P.L. 91-611)

TYPE OF PROJECT: Flood Risk Management

PROJECT PHASE: Reconnaissance

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

NON-FEDERAL SPONSOR: Galveston County

BACKGROUND: Texas City Hurricane Flood Protection is located Galveston County, Texas about 30 miles southeast of Houston and 9 miles northwest of Galveston. The existing Hurricane-Flood Protection System protects 36 square miles of the greater Texas City - La Marque –Hitchcock area from a 15-foot, National Geodetic Vertical Datum (NGVD) hurricane storm surge with accompanying waves. The project was authorized by the Flood Control Act of July 3, 1958, Public Law 85-500, substantially in accordance with recommendations of the Chief of Engineers in the House Document No. 347, 85th Congress, 2nd Session. Construction began in 1962 and was completed in April 1987. This study will determine the Federal interest in conducting a Feasibility study to determine if the existing levee system is sufficient to adequately protect the area from storm inundation and prevent damages.

The tidal surge of Hurricane Ike came within 2 feet of overtopping this 21-foot-high levee in September 2008. New Flood Insurance Risk Maps are expected to show that tidal storm surges could reach 25-feet along this portion of Galveston Bay. Significant tidal surge overtopping the levee could endanger the lives of approximately 45,000 people, $4 billion dollars worth of commercial, residential, and public property in the Texas City and La Marque area, and cause damage and disruption to the $20 billion-dollar, strategically-important petrochemical industry, with potentially catastrophic, nationally significant economic impacts.

Through the Planning Assistance to States Authority, an Initial Assessment of the Hurricane Flood Protection System was completed in 2010. The assessment discovered Federal interest exists. The recent initial assessment found a preliminary project Benefit-to-Cost Ratio of 2 to 1.

STATUS: The study has never been initiated.

ISSUES: Analysis is needed to determine Federal interest in pursuing Feasibility studies to address potential catastrophic damages which could result from overtopping of hurricane flood protection levees.

FINANCIAL SUMMARY ($):	**RECON**
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

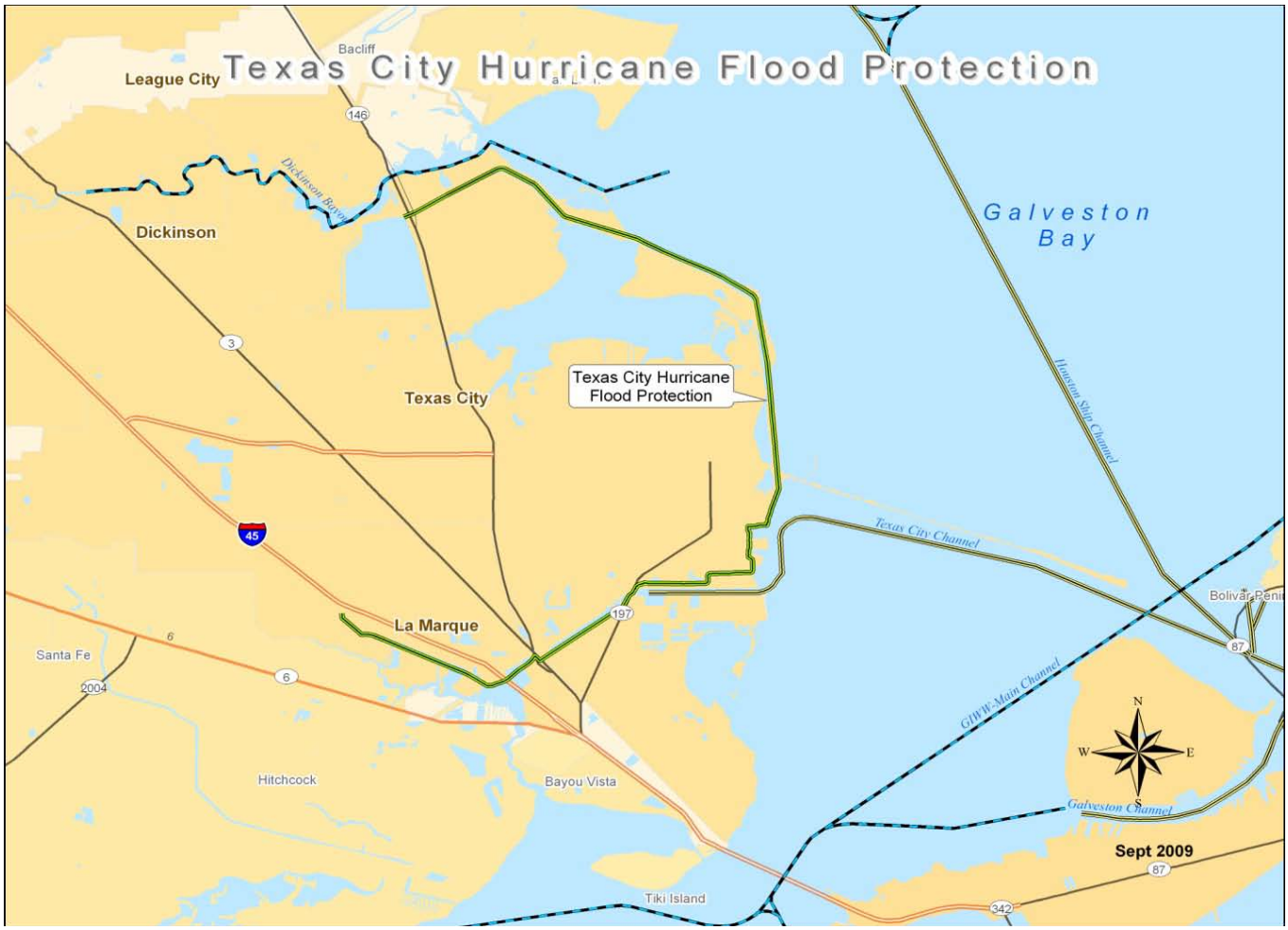
SCHEDULE:

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 study.

For more information regarding the Texas City Hurricane Flood Protection, TX 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.


Texas City Hurricane Flood Protection
Bacliff
League City
146
Dickinson Bayou
Dickinson
Galveston Bay
3
Texas City
Texas City Hurricane Flood Protection
Houston Ship Channel
Texas City Channel
45
197
La Marque
Bolivar Peninsula
87
Santa Fe
6
2004
GIWW-Main Channel
N
W
E
S
Hitchcock
Bayou Vista
Galveston Channel
Sept 2009
87
Tiki Island
342