



Buffalo Bayou and Tributaries, White Oak Bayou, Tx

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FACT SHEET as of February 6, 2012

Detention Basin in Jersey Village at W. Sam Houston Toll way.

AUTHORIZATION: Water Resources Development Act (WRDA) of 1986 and Section 211(f) of WRDA 96

TYPE OF PROJECT: Flood Risk Management

PROJECT PHASE: Construction



CONGRESSIONAL INTEREST: Senators Hutchison and Cornyn (TX); Representatives Culberson (TX-7) McCaul (TX-10), **Jackson-Lee (TX-18)** and Green, G. (TX-29)

NON-FEDERAL SPONSOR: Harris County Flood Control District (HCFCD)

BACKGROUND: White Oak Bayou is a tributary of Buffalo Bayou. Its watershed is located in central Harris County. White Oak bayou originates northwest of FM 1960 and flows generally toward the southeast. The bayou drains areas in northwest portions of Harris County, City of Jersey Village and portions of the City of Houston. White Oak Bayou joins Buffalo Bayou near downtown Houston. The watershed covers about 110 square miles and includes three primary streams: White Oak Bayou, Little White Oak Bayou and Cole Creek. Vogel Creek and Brickhouse Gully are among the major tributaries in the watershed. There are about 151 miles of open streams in the White Oak Bayou watershed, including the primary and tributary channels. The estimated population within the watershed is just over 416,000 and is located within the city limits of Houston, Texas. The stream extends approximately 26 miles to a terminus near State Highway 290. Section 211(f) of WRDA 96 authorizes non-Federal interests to plan, design, and construct, and be reimbursed for flood control projects up to the Federal share of costs for the work accomplished. The Sponsor, Harris County Flood Control District (HCFCD) is preparing the General Reevaluation Report (GRR). The National Economic Development (NED) plan will be built and comprises of 15.4 miles of earthen channel modification from Cole Creek to FM1960 and four detention basins providing approximately 3,386 acre-feet storm water storage along the bayou. The proposed project reduces the extent of the 10 percent and 1 percent flood plain areas so that 1,285 and 1,511 structures, respectively, would now be located outside of the two reduced flood plain areas, leaving 48 and 4,563 structures, respectively within the two reduced flood plain areas. The plan reduces average annual damages from \$58.6 million to approximately \$22.0 million providing an annual benefit of approximately \$36.6 million, and has a benefit/cost ratio of approximately 3.1 to 1 at 4.375%. The feasibility study is about 85% complete. The anticipated approval of the study is August 2013.

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STATUS: FY11 activities include continue post-Alternative Formulation Briefing, Agency Technical Review; and complete Preliminary Opinion of Compensability Report for the GRR.

ISSUES: Frequent out-of-bank flooding is adversely impacting over 416,000 lives and causing significant economic damage to residential, public and commercial properties along the White Oak Bayou and tributaries. Without additional funding, the Federal coordination, oversight and reimbursement of work performed by the Non-Federal Sponsor, Harris County Flood Control District (HCFCD), will be delayed; consequently, the project completion will be delayed and materialization of flood relief will be slow for residents in the watershed.

<u>FINANCIAL SUMMARY (\$):</u>	<u>CONSTRUCTION</u>
Federal Cost Estimate	\$157,729,000
Non-Federal Cost Estimate	79,450,000
Total Project Cost	\$237,179,000
Allocation thru FY 2010	\$0
ARRA Funding	0
Allocation for FY 2011	0
Allocation for FY 2012	0
President Budget FY 2013	0
Amount that could be used in FY 2013	3,500,000
Balance to Complete	\$212,942,000

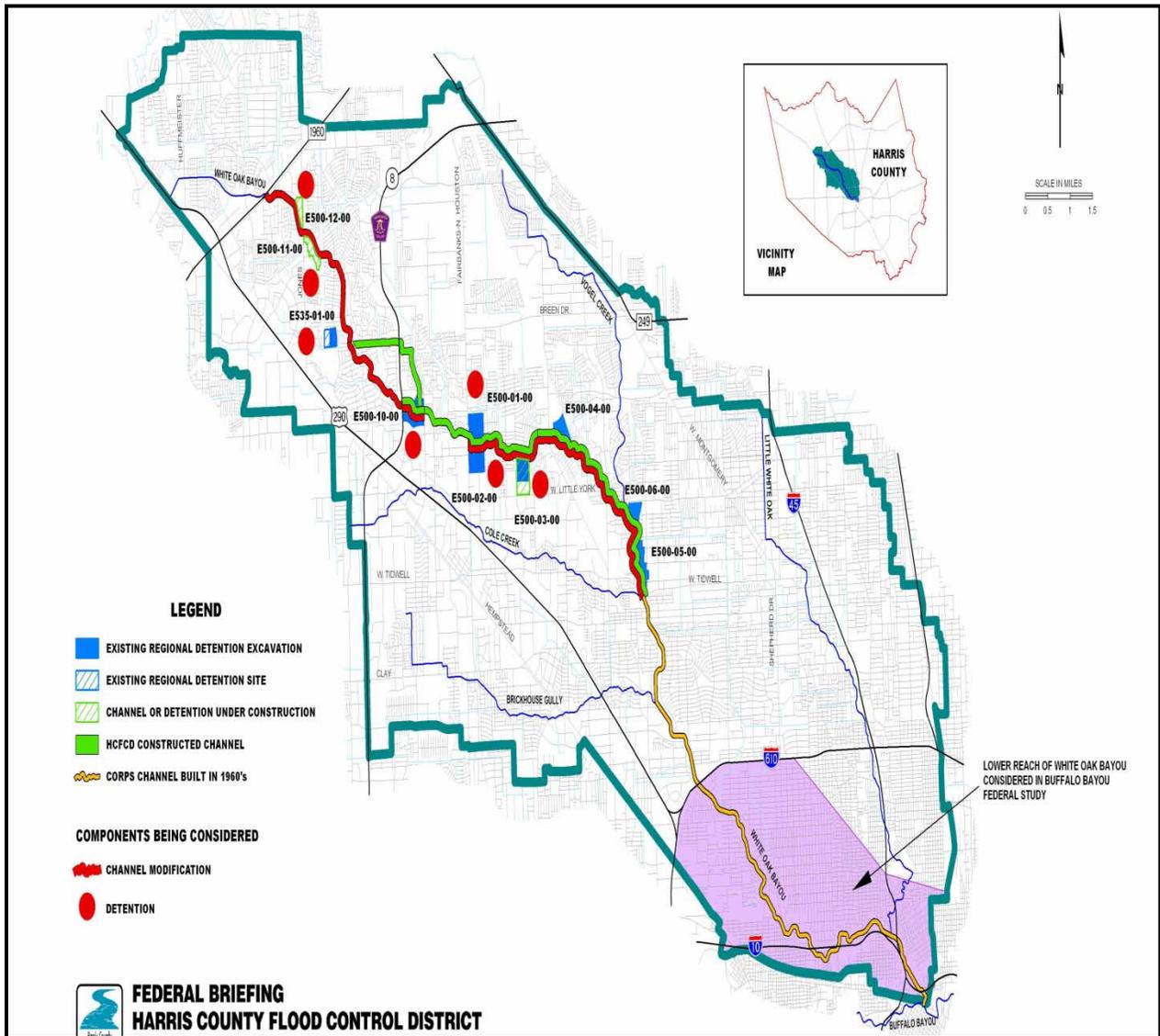
SCHEDULE:

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 for reimbursement to the Sponsor for the Federal share of the GRR cost.

COMPLETION: With optimum funding, the Construction completion date is October 2020.

For more information regarding the Buffalo Bayou and Tributaries, White Oak Bayou, TX project, 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.



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