



Dallas Floodway, Dallas, Tx

U.S. ARMY CORPS OF ENGINEERS

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FACT SHEET as of February 21, 2012

AUTHORIZATION: WRDA 2007, PL 110-114,
Section 5141

TYPE OF PROJECT: Flood Risk Management

PROJECT PHASE: Feasibility



CONGRESSIONAL INTEREST: Senators **Hutchison** (TX) and **Cornyn** (TX); Representatives **Johnson** (TX-30), Sessions (TX-32)

NON-FEDERAL SPONSOR: City of Dallas

BACKGROUND: The study area is located in metropolitan Dallas, Texas. The Dallas Floodway study is located adjacent to the Stemmons business corridor and the central business district, and consists of investigating alternatives for flood risk management, ecosystem restoration and recreation.

The original Dallas Floodway levees and interior drainage improvements were completed between 1928 and 1931 by the City of Dallas and the Dallas County Levee Improvement District. The Trinity River channel was rerouted within the leveed floodway, and the original channel was either filled or used for sump storage. In the mid-1940's, major floods overflowed the floodway system and resulted in severe flooding. Subsequently, the Corps of Engineers was authorized in 1945 and 1950 to improve the levees and interior drainage systems; and improvements were completed in 1959. These improvements included reinforcing and raising the levees to provide conveyance of the Standard Project Flood (SPF) within the floodway, plus four feet of freeboard. To improve interior drainage, additional pump stations were constructed and the channel within the floodway was further excavated to increase the design capacity. The existing Dallas Floodway project removed approximately 10,500 acres from the floodplain, most of which is now highly developed industrial property.

In March 2009, a Periodic Inspection Report was released by the Fort Worth District which rated the existing Dallas Floodway levees as unacceptable. In addition, the District informed the Federal Emergency Management Agency (FEMA) that it could no longer support a previous letter used by FEMA to accredit the levees for the 100-year flood event, under the National Flood Insurance Program.

The Fort Worth District and the City of Dallas continues to work collaboratively with other stakeholders to develop an Action Plan which includes a comprehensive, system-wide assessment of the City of

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Dallas' proposed plan to determine the technical and environmental feasibility for implementing elements of the Trinity River Corridor Project, while ensuring the integrity of the Dallas Floodway levee system. Given that the Dallas Central Business District alone would incur damages of over \$7 billion if an overtopping event were to occur, this level of risk is considered too great to be accepted by the sponsor, the City of Dallas.

STATUS: Current activities include completion of the levee Risk Assessment and integration of the results into the on-going feasibility study; completion of reviews for the City's 100-year levee plan and Baker Pump Station; and, initiation of reviews of Able Pump Station, and IH-30/IH-35 Bridges. Other activities include continuing preparation of the feasibility report and integrated Environmental Impact Statement to evaluate all proposed activities within the existing Dallas Floodway, and close coordination with the City of Dallas on their proposed levee remediation plan to re-certify the levees for the National Flood Insurance Program, managed by FEMA. Trinity Parkway alternatives are being evaluated by FHWA in concurrent EIS. Extensive interagency coordination ongoing to ensure key interdependent scheduled milestones are being met.

ISSUES: SWF working with Planning CoP and Risk Management Center (RMC) to determine the best way to incorporate the data and products received from the Risk Assessment into the overall existing feasibility study. The City of Dallas is working to complete repairs of operation and maintenance deficiencies identified in Periodic Inspection #9. Assessment of impacts of encroachments and penetrations of existing levees are being considered as part of the Dallas Floodway Feasibility Study. The City of Dallas requested, and will continue to request, temporary extension of eligibility for the Rehabilitation and Inspection Program under Public Law (PL) 84-99 while Dallas Floodway, Dallas, Texas repairs are being completed and assessments are being conducted. Insufficient Federal funding will impact the ability to complete the study and associated Section 408 reviews according to schedule. City has approved advanced cash contributions in the amount of \$4.75 million to maintain study schedule, of which approximately \$0.85 million has been spent to date.

<u>FINANCIAL SUMMARY (\$):</u>	<u>FEASIBILITY</u>
Federal Cost Estimate	\$19,300,000
Non-Federal Cost Estimate	19,300,000
Total Project Cost	\$38,600,000
Allocation thru FY 2010	\$1,345,000
ARRA Funding	0
Allocation for FY 2011	\$4,489,863
Allocation for FY 2012	2,520,000
President Budget FY 2013	\$700,000
Amount That Could Be Used For FY 2013	\$6,900,000
Balance to Complete	\$10,245,137

SCHEDULE:

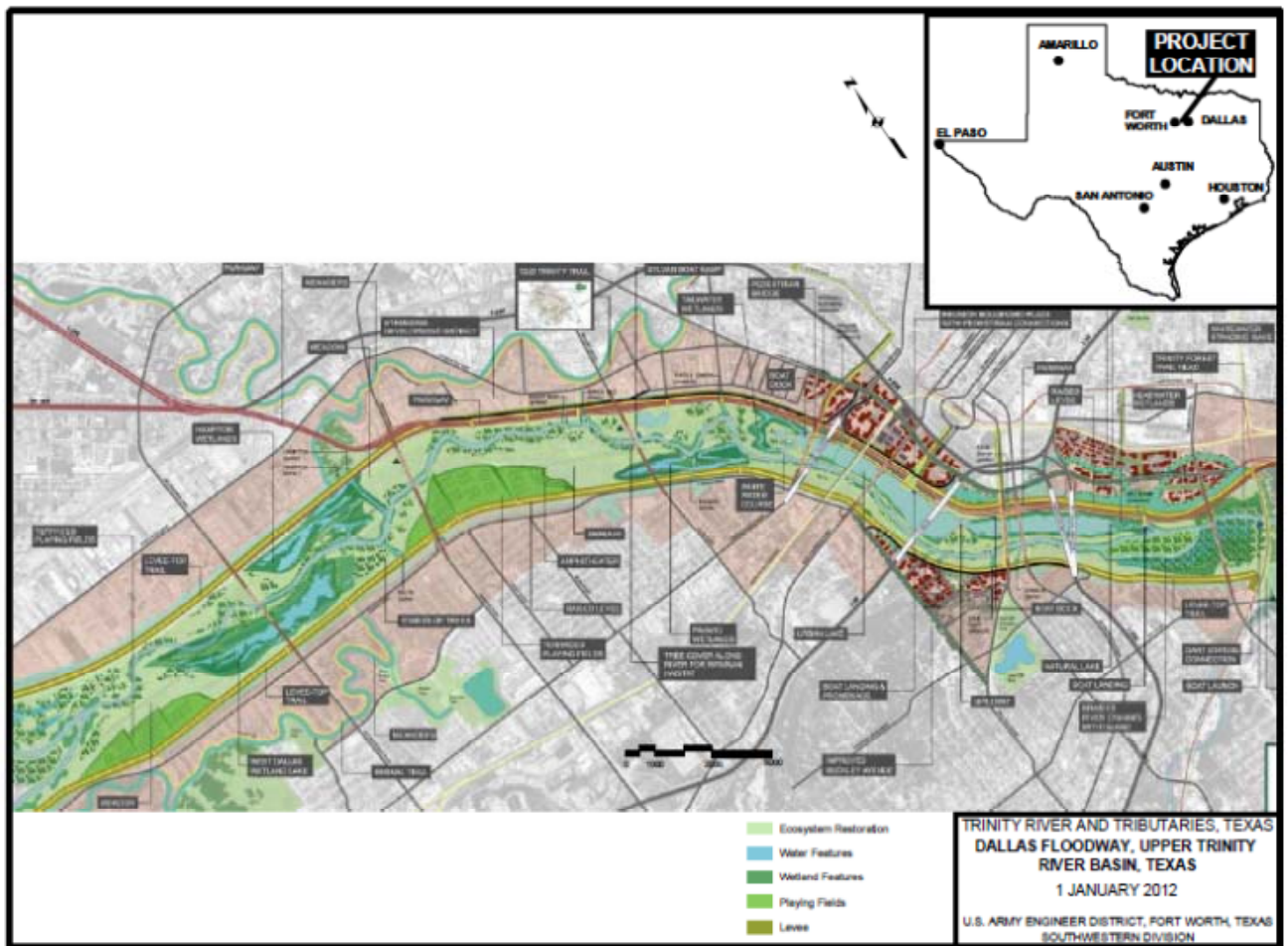
FY 2012 Scheduled Work: Fiscal Year 2012 and carry-in funds are being used to complete a levee Risk Assessment, conduct a Feasibility Scoping Meeting, complete Section 408 reviews of the City's 100-year plan and Baker Pump Station, and initiate Section 408 reviews of the Able Pump Station and IH-30/IH-35 bridges.

FY 2013 Budget: The President Budget amount of \$700,000 could be used to initiate technical review and conduct review conference for comprehensive analysis. Additional funds in the amount of \$6,200,000 could be used to complete technical reviews and conduct review conference for comprehensive analysis (\$400,000), initiate feasibility design of selected plan (\$1,000,000), initiate preparation of the draft Feasibility Report and Environmental Impact Statement (\$1,000,000), conduct and complete Alternative Formulation Briefing (\$400,000), complete draft Feasibility Report and Environmental Impact Statement (\$900,000), Independent External Peer Review (IEPR) (\$500,000), and to continue Section 408 Reviews for Able Pump Station, IH30/IH-35 bridges, Jefferson bridge, and any additional reviews (\$2,000,000).

COMPLETION: With optimum funding, the project completion date is May 2015.

For more information regarding the Dallas Floodway, TX feasibility study, contact Jon Loxley, Project Manager at (214-671-9384) or Jon.K.Loxley@usace.army.mil.

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