



CITY OF SUGAR LAND

Engineering Department

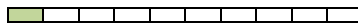
CIP Project Number: DRPE01

Title: Bullhead Bayou Overflow

Project Phase: PER

% of Phase Completion

PER



Cost for this Phase: \$40,000

Funding Sources: General Revenue

Project Manager: Shashi Kumar, P.E.

Contractor: TBD

Consultant: Fort Bend County

Project Description: Previous drainage studies and the recent (draft) Oyster Creek floodplain maps released by FEMA show that overflow from Oyster Creek in the vicinity of Tract 2 would sheet flow across the airport property, ultimately into Bullhead Bayou. This natural overflow path would render a significant portion of the airport property and Tract 2 undevelopable, unless the overflow issue is addressed.

Justification: FB County Drainage District (FBCDD) is evaluating a relief/diversion channel to address this overflow issue. The County is working with property owner (s) to acquire easement for a potential diversion channel to divert flow from Oyster Creek into Bullhead Bayou. FBCDD and the City have agreed to each fund 50% of the Engineering costs to evaluate this alternative.

Updates: October 2009-

December 2009 – This project/study is “on hold”. FBCDD was expected to lead this project. However, they have conveyed to the City Staff that there has been lack of cooperation with a private landowner (Tract 2 property) to initiate this study. Until this issue is resolved, the PER is on “hold”.

March 2010 – This project was reactivated in lieu of the new FEMA/ DFIRM maps that show's a significant portion of the Airport property being impacted by the proposed BFE's. In lieu of the above, the Airport Master Drainage Plan (MDP) is being updated. Also, the project is being re-scoped to evaluate an alternate location for a diversion channel to convey overflow from Oyster Creek to Bullhead Bayou.

June 2010 – The City Council authorized an interlocal agreement with FBCDD to prepare a PER to evaluate a drainage improvement project (s) to address the Oyster Creek overflow to Bullhead Bayou. Subsequent to execution of the interlocal agreement by the commissioners court scheduled for 7/6/2010, a contract would be awarded to Brown & Gay Engineers, Inc. to perform the study.

September 2010 – The PER contract was awarded to the consultant on July 20, 2010. A coordination meeting was held with Airport staff and consultant to share information between this on-going study and the update to the Airport Master Drainage Plan.