



## CITY OF SUGAR LAND

Engineering Department

**CIP Project Number:** ST0901

**Title:** University Boulevard North Bridge

**Project Phase:** Design

**% of Phase Completion**



**Cost for this Phase:** \$ 500,000

**Funding Sources:** Certificate of Obligation

**Project Manager:** Shashi Kumar

**Contractor:** TBD

**Consultant:** Trans Systems

### **Project Description:**

Design and construct University Boulevard between the current terminus south of Ditch "H" near Wal-Mart to U.S. 90A. This section of University Boulevard will be four lanes with a median and will include a bridge over Ditch "H".

**Justification:** This project is consistent with the Thoroughfare Plan and will help relieve congestion at the intersection of SH 6 and US 90A and promote better traffic movement through an expanding development corridor.

**Updates:** TransSystems Corporation has submitted an acceptable proposal that will be presented to City Council in January.

**March 2009:** An Advance Funding Agreement (AFA) with TxDOT for local government's share of funding was approved by City Council in January 2009. Award of design contract is scheduled for March 17, 2009.

**April 2009:** Engineering design contract was awarded to TranSystems Corp. Design work is underway. Coordination meetings have been held with TxDOT, FB County Drainage District, and other entities to facilitate data collection and input. Provision is being made to incorporate a hike and bike trail as part of the proposed bridge crossing over Ditch H.

**June 2009:** Trans Systems design contract has been awarded by City Council. Survey and geotech is underway as part of the 30% design phase.

**July 2009:**

**August 2009-** The project is about 30% complete. A progress meeting was held at TxDOT office to set the road profile based on the design 100-year elevation in Ditch H. TxDOT has concurred with the profile and coordination of the project is underway with affected stakeholders.

**September 2009-**Traffic study/ counts are underway to justify City's request for dual turn lanes at the US 90A intersection as required by TxDOT.

**December 2009-** Based on the warrants from the Traffic Study, TxDOT has authorized to move forward with design to include dual left turn-lanes from US 90A south to University North. However, TxDOT did not authorize the requested right turn lane from 90A north to University, as this would involve costly relocation of existing storm drain system. 30% plans are expected to be ready soon.

**March 2010-** The project design is about 50% complete. 30% design plans were reviewed and commented by TxDOT and City of Sugar Land. Median opening and turn lane issues on University South requested by the 90A Commercial property developer were evaluated. Consultant recommends not providing median opening based on sight distance/operations constraints.

**June 2010-** 60% design plans were submitted for agencies review and comment. Consultant had requested a design change order to accommodate "mow path" and other minor design elements requested by FBCDD, LID 2 and other entities having jurisdiction over the underlying Ditch H right-of-way. This request is being evaluated by TxDOT for approval.

**September 2010-** 60% design plans were reviewed and commented. A change order to amend the existing design contract to accommodate design features referenced above was approved on 9/7/2010. Anticipated start of construction due to these design related changes is now estimated to be May 2011.



City of Sugar Land  
Capital Improvement Program

**ST0901**  
**University North**

