



## CITY OF SUGAR LAND

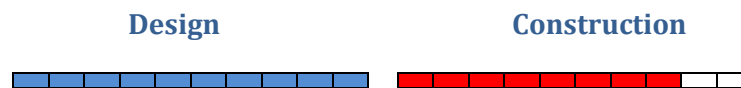
Engineering Department

**CIP Project Number:** AP0803

**Title:** Standby Power Facilities

**Project Phase:** Construction- Pending TXDOT Funds

**% of Phase Completion**



**Cost for this Phase:** \$29,199 (5% sponsor share)

**Funding Sources:** Airport Revenues with 95/5 TxDOT Grant

**Project Manager:** Phil Savko w/ TxDOT

**Contractor:** EAS

**Consultant:** KSA Engineers

**Project Description:** Design and construction of standby power facilities for airfield operations and terminal building operations. The Preliminary Engineering Report was completed within the airport's base budget in 2007. Will be funded by a 90/10 TxDOT Aviation Grant (with the Airport share being 10% of the total project cost).

**Justification:** The Sugar Land Regional Airport is the first non-commercial airport in Texas to be granted this federal funding. Standby power is a critical need of the Airport. The importance of the airport during the evacuation of Galveston and the greater Houston area was proven in 2005 during Hurricane Rita. Project includes power for airfield lighting, nav aids, terminal public areas, fuel farm and Taxiway "H" vault.

**Update: December 2008** - Design drawings are 100% complete by KSA Engineers (under contract with TxDOT Aviation). TxDOT has requested a cost update from KSA Engineers. Grant funding is pending for the construction phase of project.

**January 2009**- Design documents under review by TxDOT Aviation.

**February 2009**- Design documents under review by TxDOT Aviation.

**March 2009** – Funding identified as FAA Discretionary in the amount of \$1.8 million.

**April 2009** – Project has been identified for 95/5 grant funding by TxDOT Aviation. Funding was approved at the April Texas Transportation Commission for funding.

**May 2009** – Awaiting TxDOT Aviation grant. TxDOT will advertise and bid within the next 90 days.

**June 2009** - Resolution will go before City Council June 16, 2009, naming TxDOT Aviation as the City's Agent for grant funding. Project will go before the Texas Transportation Commission in July 2009 for funding approval. Design is 100% complete. Once funding is secured, project will be advertised and bid by TxDOT Aviation (3 month process).

**September 2009**- Project approved. Project was bid in September, with EAS the apparent low bidder. TxDOT is in the process of negotiating the contract with EAS. Airport is in receipt of a grant from FAA Discretionary funding (administered through TxDOT Aviation).

**October 2009** – TxDOT has negotiated a contract with EAS in the amount of \$583,980. Preconstruction Conference held at Airport October 2. Generators on order by contractor.

**November 2009** – Submittals in progress.

**December 2009** – Submittals in progress. Connex trailer was delivered to airport.

**January 2010** – Contractor on site – performing site work, preparing footings, pouring concrete and doing layout work.

**February 2010** – Contractor poured pad at east vault; poured pad in T-Hangar Complex; poured pad at Terminal. Working in electrical room in terminal. Two automatic transfer switches have been installed.

**March 2010** – Concrete pads have been poured. Generators arrived on site March 3. Automatic Transfer Switches (ATS's) have been installed for 4 of 5 generators. Four generators have been connected to the ATS's, and testing is in process.

**April 2010** – T-Hangar Complex generator ATS has been tested. Load bank testing completed for Terminal generator and East Vault generator.

**May 2010** –Load bank and ATS testing completed all generators.

**June 2010** –Screen walls in design.

**July 2010** –Screen walls price received; under review.

**August 2010** -Screen walls pricing too high; looking at landscape screening.

**September 2010** - Screen walls for three of the five generators were priced. The cost was determined to be too high and was rejected. The alternate screening solution of landscaping is under review.

