



CITY OF SUGAR LAND

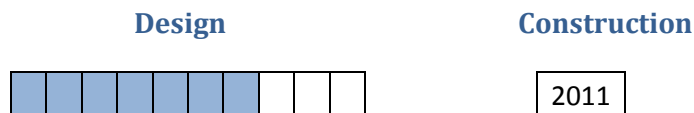
Engineering Department

CIP Project Number: WW0904

Title: East & West Interceptor Rehabilitation - Phase II

Project Phase: Design

% of Phase Completion



Cost for this Phase: \$ 225,000

Funding Sources: Revenue Bonds

Project Manager: Pete Polito

Contractor: TBD

Consultant: HDR/Claunch & Miller

Project Description:

Design of Phase II of the rehabilitation of the East and West Interceptor mains. The project is recommended for a multi-year phased rehabilitation of the North Collection system's two major interceptor lines approximately 29,000 l.f. constructed in 1974 & 1985 and ranging in size from 30" to 48" pipe.

Justification: Continuation of a citywide program for rehabilitating deteriorated collection system. The East & West Interceptor mains are critical infrastructure components, conveying approximately 6.0 MGD WW Flow. An evaluation of the East & West Interceptors identified approximately \$5.5M in repair or replacement needs over a 5-year period.

Updates: December 2008 -HDR/Claunch & Miller selected for this project. Proposal will be requested and contract brought to City Council in 2nd quarter.

March 2009 – Request for design proposal on-hold until heavy cleaning and TV inspection portion of Interceptor Rehabilitation Phase I has been completed, to better define limits and scope of Phase II rehabilitation.

June 2009: Contract award is pending final scope definition. Interceptor heavy cleaning and TV inspection to be done as part of phase I needs to be completed, before final project scope is determined. This work is being performed now.

July 2009- No Action, still awaiting phase one inspection to determine project scope

August 2009- No Action, still awaiting phase one inspection to determine project scope

September 2009- No Action, still awaiting phase one inspection to determine project scope, contractor is scheduled to start inspection in October.

October 2009 – Interceptor rehabilitation contractor completed cleaning and TV inspection of balance of West Interceptor. HDR|CMI currently evaluating inspection report to determine scope of phase two.

November 2009 – Requested proposal from HDR for final design of phase II. Interceptor Rehabilitation Phase II scope to include the balance of the West Interceptor, not rehabilitated in Phase I. Anticipate design fee will be under \$50K, since HDR already has all necessary data to complete design.

December 2009 – No change, still awaiting fee proposal for project design.

January 2010 – Submittal of design proposal for Phase II delayed until Phase I project completion, scheduled for late February 2010.

February 2010 – Design proposal for Phase II delayed until March 2010.

March 2010 (2nd Quarter) – Consultant submitted a proposal for design/bid phase services for balance of West Interceptor rehabilitation (approximately 6,100 LF of 36” gravity flow sewer main, estimated construction cost \$2,100,000). Worked with HDR to finalize scope of services and design fee. Engineering contract, in the amount of \$96,000, should be ready for April/May City Council authorization.

April 2010 - Received executed contract from HDR, in the amount of \$97,950. City Council authorization of evaluation, engineering final design and bid phase services contract for project currently scheduled for May 18th.

May 2010 - City Council authorization of evaluation, engineering final design and bid phase services contract, in the amount of \$97,950 rescheduled for June 1, 2010.

June 2010 (3rd Quarter) – City council authorized a contract with HDR, in the amount of \$97,950 for evaluation, final design and bid phase services on June 1, 2010. Design kick-off meeting was held on June 29, 2010. Project design currently underway.

August 2010 – Manhole inspection and field survey of project alignment was completed in July. Project design is at 50% complete and should be ready for December bid date.

September 2010 (4th Quarter) – Design is at 75% completed. 100% design submittal is scheduled for November 15, 2010 delivery. Project scope to include rehabilitation of the balance of West Interceptor, (all line segments and manholes north of Hall Lake), intermittent line segments on the East Interceptor and manholes and manhole ring & cover replacement for manholes located in SH6 paving. Tentative project schedule is as follows:

Legal Advertisement	December 1, 2010 & December 8, 2010
Pre-bid Meeting	December 9, 2010
Bid Opening	December 16, 2010
Council Authorization	January 18, 2011
Construction	300 Calendar Days (February 2011 – November 2011)