



CITY OF SUGAR LAND

Engineering Department

CIP Project Number: DR0705

Title: AMIL Gates Rehabilitation

Project Phase: Construction



Cost for this Phase: \$ 590,500

Funding Sources: Certificate of Obligation

Project Manager: Greg Nichols

Contractor: NBG Constructors, Inc.

Consultant: PATE

Project Description:

Supplemental funding for the rehabilitation of AMIL Gates. These are flood control gates that were recently transferred from LID 2 to the City. The gates are located across the Brooks Lake Channel. The gates facilitate maintaining constant water levels in Oyster Creek and the lakes that tie-into Oyster Creek during normal conditions. During flooding conditions these gates facilitate flow diversion to Ditch H.

Justification: It was determined that these gates needed to be rehabilitated. \$240,000 was appropriated for the rehab work in FY-08. However, Pate Engineers performed an engineering evaluation and determined that additional funding is required to complete the task. The total estimated cost for the rehab work is \$525,000. Supplemental funding requested is to cover this shortfall.

Updates: December 2008-Design is complete. Project to bid for construction in February as scheduled through the budget process.

January 2009: Bid documents are prepared.

February 2009: Bid process put on hold as per management.

March 2009: No status change.

April 2009: No status change.

May 2009: No status change.

June 2009: Given the go ahead, project in legal advertisement.

July 2009- Project bid. NBG Constructors, Inc. was low bidder.

August 2009- Project awarded, construction to begin September 8.

September 2009- 1st Gate has been removed and is being prepared for painting. Concrete structure is being water blasted in preparation for painting.

October 2009-1st Gate has been installed and concrete structure around it has been repainted. The 2nd gate has been removed and sent in.

November 2009- 2nd Gate has been installed and concrete structure around it has been repainted. Preparation for removal of the 3rd gate has begun.

December 2009- 3rd and final Gate has been removed and sent in for painting. Security fencing is being replaced. We meet with representatives from the LID and will be change ordering construction of an access road on the top of the levee to the site. Project is about 75% complete and on schedule.

January 2010-Final gate has been installed, access road and fencing completed. Stop log rehabilitation and area clean up and grass seeding is all that remain to be completed.

February 2010-Construction of project is complete. We are now looking at leakage rates to see if anything can be done to reduce leakage.

March 2010-We are now looking at leakage/discharge rates to see if gates need some ballast weight adjustment.

April 2010- Gathering elevation information in preparation of ballast weight adjustment.

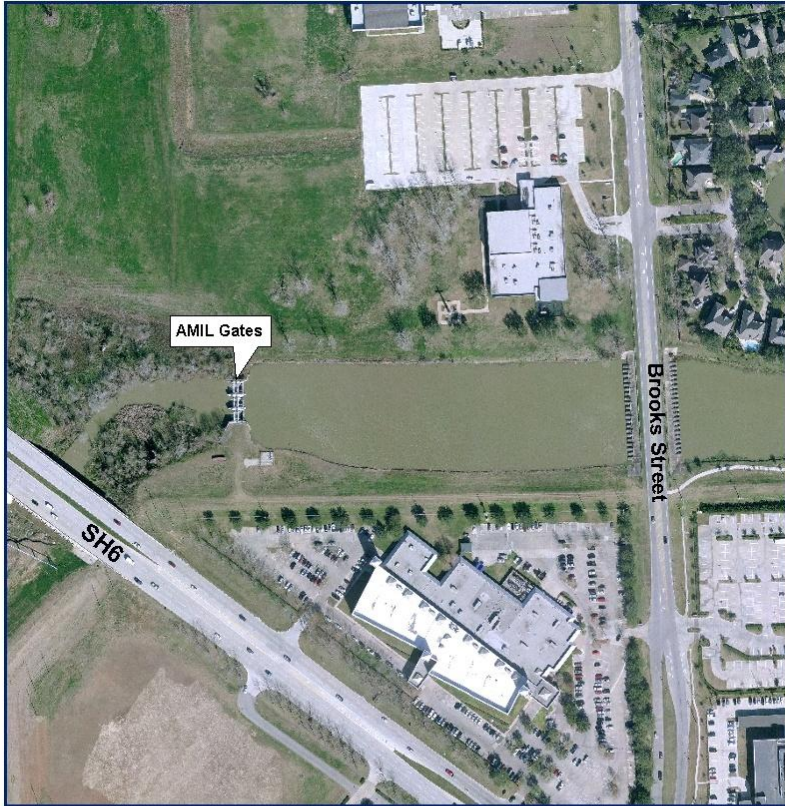
May 2010-Some ballast weight adjustments were made to gates 2 and 3 and grinding of the concrete structure on gate 3 are complete. Leakage rates appear to be reduced. We are currently scheduling a flow test.

June 2010-Flow rate test completed, we will be discussing with management.

July 2010-Management is currently looking into options with the project.

August 2010-Management is currently looking into options with the project.

September 2010- Management is currently looking into options with the project.



City of Sugar Land
Capital Improvement Program

DR0705
Amil Gates Rehab

