

Babe Zaharias Golf Course

Status of the project to remove and replace the collapsed
pipes at the golf course

History

- Beginning of July 2018
 - City of Port Arthur Engineering Division of Port Arthur was informed of collapsed pipes at the golf course
 - The Engineering Division developed an estimate to remove and replace the pipes based on existing drawings
 - The Preliminary Estimate was \$205,000
- Existing drawings for the Golf Course were incomplete and a new survey of the golf course was needed
- October 26, 2018
 - A survey of the golf course was completed
 - The survey included the existing ponds
 - Cost of the survey was \$14,640
- November 2018
 - Engineering Staff determined that the Division is not equipped to provide the engineering services necessary for this project
 - Proposed bids were solicited
 - Proposed Construction Bid is \$535,300

Present Time

- The City of Port Arthur has advertised for Requests for Qualifications to prequalify civil engineering companies to design projects
 - The Collapsed Pipes at the Golf Course qualifies as a drainage project
 - The list of Engineering Firms are due January 3, 2019
 - Award the most qualified drainage engineering firm to design the pipes at the golf course on the January 8, 2019 Council Meeting.
- The Contracted Engineering Firm
 - The firm will have 30 to 40 calendar days to design the removal and replacement of the collapsed pipes at the golf course. Pipes will be designed to accommodate the golf course area and some of the storm waters from Jimmy Johnson and 9th Avenue. Finished Design will be due February 18, 2019.
- The Drainage Department
 - Depending on the complexity of the design, Engineering will determine if this project can be completed in-house. If this project becomes an in-house project, the City will supplement the drainage crew with temporary workers to maintain routine maintenance.
 - It is estimated that this project will take 120 calendar days for construction and closeout date of June 17, 2019.
 - It is important to note that playing golf will still continue while construction is in progress
 - The construction crew will coordinate with the golf staff to provide as little disruption as possible.

Details

- The drainage system at the golf course is not working because of the collapsed pipes.
- The result is flooding of the golf course area where there were no flooding issues before.
- Another effect of the collapsed pipes is the erosion by the banks and near cart paths where it becomes a public health and wellness concern when golfers ride with a golf cart or walk by the cart path that is near collapsing.
- The collapsed pipes are affecting the business of the golf course. There is less and less golfers playing the golf course because of the safety concerns.
- Time is of the essence for this project and after engineering review. The best and most economic course to accomplish this project is by contracting a firm to design the removal and replacement of the collapsed pipes and for in-house crew to remove and replace the pipes.

Timeline

- Award of Design Contract is Jan. 8, 2019
 - Estimated 30-40 Calendar Days
- Drainage In-House Projected Start date Feb. 18, 2019
 - Estimated 120 Calendar Days
 - Tentative Closeout date June 17, 2019

Questions?



PR 20620

5800 LF of Ditch Clearing for MUD
Ditches #1 and #2

This will help the Stonegate area.
Specifically, the area of Brazos Ave.

The area in question is 241.7 Acres
and from the map. They are areas
9, 10B, 11, 18, 20, 22 and 23

