



TO: Mayor Chuck Barney
Members of the City Council

FROM: Dan Jonasson, Director of Public Works

DATE: January 23, 2018

SUBJECT: DESIGN & CONSTRUCTION ENGINEERING P3135.2D SWIF REPAIR OF DEFICIENT CULVERTS

I. RECOMMENDED ACTION

1. Recommend approval of the construction engineering contract with Houston Engineering
2. Authorize the Mayor to sign the agreement on behalf of the city

II. DEPARTMENT CONTACT PERSONS

Dan Jonasson, Director of Public Works	857-4140
Jason Sorenson, Asst. Director of Public Works	857-4140

III. DESCRIPTION

A. Background

SWIF improvements, which included televising all culverts in the dead loops and penetrations into the river have been completed and we are now required to program a project to address these deficiencies.

B. Proposed Project

The project will consist of design engineering, permitting, bidding construction engineering and project close out of repair of deficiencies found under existing SWIF work. This contract is an extension of the CIP SWIF project 3135.2B Pipe televising and rehabilitation.

C. Consultant Selection

Houston Engineering was chosen in accordance with state selection criteria to complete the SWIF, as well as the EAP or Emergency Action plan in the SWIF. This work is a continuation of previously selected work Houston has designed and overseen.

IV. IMPACT:

A. Strategic Impact:

Design and construction engineering for the Repair or replacement of culvert deficiencies found that require attention in accordance with USACE requirements for improvements on existing levee system.

B. Service/Delivery Impact:

This project is part of the long term improvements needed to keep our existing flood protection in place.

C. Fiscal Impact:

<u>Project Funding</u>	
Flood Control Sales Tax	\$330,000

V. ALTERNATIVES

VI. TIME CONSTRAINTS

Council's approval of the recommendation will allow the project to move forth to design needed repairs found during televising of existing culverts.

VII. LIST OF ATTACHMENTS

- A. Houston Engineering – memo – proposed engineering agreement – Not to Exceed maximum amount.
- B. Maps of culvert deficiency locations