

## Legislation Text

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**CC MEETING:** May 3, 2016

**DATE:** April 26, 2016

**TO:** Leonard Martin, City Manager

**FROM:** Cesar J. Molina, Jr., P.E., Director of Engineering

Consider **Approval Of A Professional Services Contract With Huitt Zollars For The Development Of Erosion Control Construction Plans For Indian Creek 2 (Section Of Indian Creek From Hebron Parkway To Just North Of Indian Creek Golf Course)** In An Amount Not To Exceed \$174,575.00.

### **BACKGROUND:**

As part of the ongoing process of reducing erosion as outlined in the December 1992 Erosion Control Study, improvements to this creek were identified as a priority. The creek is located within a green space, but the major erosion is located on the east side, near a number of homes in the adjoining subdivision. Slopes are becoming more severe and trees along the creek channel are being undermined. This project will consist of the preparation of construction plans and securing permitting through the Corps of Engineers to construct the project.

While this floodplain is located in a large green belt, the Denton County Road and Reclamation District (DCRRD) owns a significant portion of the floodplain area. This will limit the improvements that can be made to the creek.

### **FINANCIAL IMPLICATIONS:**

Brown and Gay Engineers, Inc. was originally selected in June 2014 for this project based on their qualifications presented in a Statement of Qualifications submitted for drainage projects. However, they were unable to successfully complete the project in a timely manner. Their contract was terminated with \$158,587.95 of the total fee of \$406,093 expended. Staff returned to the list of selected drainage firms and selected Huitt Zollars, an engineering firm based in Dallas. They have proposed a fee of \$174,575.00, yielding a total design cost of \$333,162.95. Part of the reason for this savings is that the design concept has been identified, such that there is less need for investigating alternatives.

### **IMPACT ON COMMUNITY SUSTAINABILITY:**

This project will contribute to community sustainability by:

- Improving water quality in the stream, thereby reducing the transfer of silt to downstream areas.
- Maintaining channel flow capacities to minimize the potential for future flooding.
- Improving protection from erosion-related problems for homes and public infrastructure along the east side of the channel.

### **STAFF RECOMMENDATION/ACTION DESIRED:**

Staff recommends that City Council authorize the City Manager to enter into a contract for professional engineering services with Huitt Zollars for the development of erosion control construction plans for Indian Creek 2 in an amount not to exceed \$174,575.00.