

## **MEMORANDUM**

**To:** Mayor  
City Council  
Doug Faseler, City Manager

**From:** Jose (Joe) R. Ramos, Jr., P.E. City Engineer

**Subject:** Little Mill Creek Floodplain Study Professional Services Proposal

**Date:** January 8, 2018

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The City of Seguin has experienced some significant growth in the last several years. We have received an inordinate amount of development interest along the SH 46 corridor, in the Little Mill Creek drainage basin. However, development has been tempered by the uncertainty of not knowing where the Federal Emergency Management Agency (FEMA) floodplain is, because this section of the basin has not been studied. Consequently, as properties along the creek are considered for development, no definitive hydrologic and hydraulic information is available to be able to provide clear drainage information to applicants. Subsequently, it is up to potential applicants to hire a consulting firm to calculate/model field conditions and follow-up with FEMA, to get the floodplain modeled, adopted and published by FEMA. Additionally, the floodplain will have to be studied for the Rudeloff Road, Phase I Project. The Dannenbaum Engineering Company – Austin, LLC (Dannenbaum) has performed a floodplain analysis, and has received a Letter of Map Revision (LOMR) approval for the proposed NewQuest property, on Little Mill Creek.

Since the City will already have to commission a study to calculate the existing floodplain at Rudeloff Road, it seems advantageous to authorize a firm to model the floodplain between Rudeloff Road and the NewQuest property. A calculated floodplain has already been accepted by FEMA upstream (above) Rudeloff Road (as part of the Mill Creek Crossing Development) and through the NewQuest property, so this would formalize the floodplain between those two sections of the creek. Also, we hope to develop a mechanism to allow us to recoup the cost of the study as the properties along the studied stretch proceed with development of those properties. We have asked Dannenbaum to provide us a cost breakdown for the Rudeloff Road effort and the remaining effort.

Dannenbaum has provided a proposal in the amount of \$65,800.00, see attached. Therefore, staff recommends approval of the proposal. A budget adjustment to the General Fund to fund the study will be forthcoming.

**Cc:** Rick Cortes  
Andy Quittner  
Susan Caddell  
Pamela Centeno  
David Rabago, P.E.  
Michael Sharp