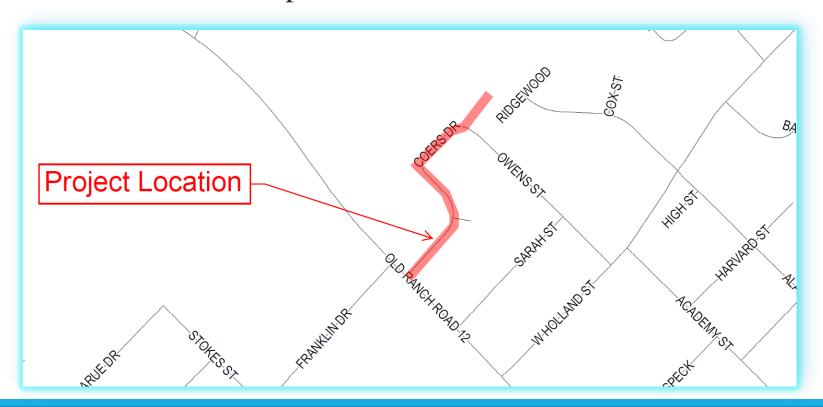
Coers Drive Improvements Project City Council Meeting December 6, 2016

Consider approval, by motion, of Change in Service No. 2 Lockwood, Andrews & Newnam, Inc. for Engineering Services for the Coers Drive Improvements Project in a not to exceed amount of \$108,460.00.



BACKGROUND:

- Project was identified as a result of the Old Ranch Road 12 Bike/Pedestrian and Widening project.
- Current Drainage (see next slide)
 - Sheet flows across yards
 - Culvert Crossing at Old RR 12 is undersized and acts like a detention pond weir



Existing Drainage Pattern: 25 Year Event



Revision With This Change In Service:

- Storm Sewer Design
 - Update model to asses impacts upstream and downstream of the project limits
 - Formalize final drainage results with a technical memo
 - Revise design to include box culverts the majority of the route
- Water Quality
 - Add a rain garden to treat run-off within project limits; where feasible
- Utility Design
 - Update water/sewer plans to accommodate box culvert
- Design, Bid, Construction & Record Drawing Services
 - Increase hours to accommodate additional scope
- Field Survey
 - Provide additional design survey; including finished floor elevations

Scope Of Work:

- Construction Estimate: \$ 1.7 Million
- Construction Schedule: 2018
 - Project will be completed before Old RR 12

