



## CITY COUNCIL MEMORANDUM

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**TO:** City Council

**FROM:** Matthew R. Schmitz, MPA – City Manager

**DATE OF MEETING:** March 9, 2026

**ITEM TITLE:** Proposal for Professional Engineering Services (The Pines First and Third Stormwater Study)

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### **BACKGROUND:**

At the Special Meeting on February 10, 2026, it was mentioned that a stormwater study should be conducted in the SW area of Independence, specifically the Pines First and Third Additions. Following this, at the March 2, 2026, Work Session, a discussion was held on the proposal from Fehr Graham for these services in the amount of \$16,900.

### **DISCUSSION:**

Fehr Graham has provided the attached contract for a lump sum cost of \$16,900 to study the included area. They have also agreed to extend the area to the north to ensure that the backyards of Spruce Dr. are looked at as well. With the discovery of the 30" RCP that comes from Juniper Drive and now drains into the detention basin for The Pines Third Addition, Staff believes it is important to consider the entire area when determining if that detention basin will perform as designed.

To gain a complete understanding of the system, Fehr Graham will perform the following tasks:

- Create a base map utilizing an aerial image, a LiDAR surface, and county parcel linework.
- Complete a topographic survey of the as-built detention basin in Lot B of the Pines Third Addition.
- Estimate and review storm flows for the 5, 10, 50, and 100-year storm events.
- Review the storage capacity and functionality of the as-built detention basin for each of those storm events.
- Determine if an outlet control structure needs to be added to the 30-inch storm sewer pipe.

This project work is expected to be completed within two months of providing a signed agreement.

### **RESULTS:**

The City has established priorities during strategic planning sessions. This item supports the Vision from that session of **supporting and enhancing City infrastructure**. This item helps achieve that vision by studying the stormwater in this area, where residents have consistently expressed concern that the drainage is not adequate, as well as ensuring that the newly constructed detention basin for The Pines Third Addition will function correctly with the additional 30" pipe that was discovered during construction.

### **FINANCIAL CONSIDERATION:**

While this was not a budgeted expense within the Storm Water fund for Fiscal Year 2026, there are sufficient funds to cover this without having to do a budget amendment.

**RECOMMENDATION:**

Staff recommends a motion to approve the proposal for Professional Engineering Services from Fehr Graham to conduct the Pines First and Third Additions Stormwater Study, and to authorize the City Manager to sign the proposal.