

Legislation Text

File #: 3528, **Version:** 1

CC MEETING: October 10, 2017

DATE: October 2, 2017

TO: Erin Rinehart, City Manager

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

Consider **Authorizing The City Manager To Approve Change Order No. 1 With Ark Contracting Services For Additional Excavation Associated With The Furneaux Creek 1A Channel Improvement Project In The Amount Of \$80,000.00.**

BACKGROUND:

The north-south tributary of Furneaux Creek that bisects the Raiford Crossing development is subject to severe erosion due to sections of high slope at about the midpoint of the tributary. This property is owned by the City and requires stabilization to reduce erosive velocities, thereby reducing long-term maintenance. The construction cost for these improvements was authorized by Council on March 7, 2017. The contract was awarded to Ark Contracting Services in the amount of \$957,400.00

During construction, a large seam of shale was encountered that had not been anticipated. This not only required additional excavation costs due to reduced production, but disposal was much more costly. Ark Contracting Services is requesting an additional \$80,000 for the excavation and disposal of the shale. Given the large quantity of shale encountered, this is a reasonable cost.

FINANCIAL IMPLICATIONS:

Ark Contracting Services has submitted a change order request in the amount of \$80,000, thus revising the total contract amount to \$1,037,400. Funding for this project is available from the Raiford Drainage project account.

IMPACT ON COMMUNITY SUSTAINABILITY:

This project will contribute to community sustainability by:

- Improving water quality in streams, reducing the transfer of silt to downstream areas;
- Maintain channel flow capacities to minimize the potential for future flooding;
- Improve protection from erosion-related problems for homes and public infrastructure along the east side of the channel;
- Provide a water-based amenity for the community.

STAFF RECOMMENDATION/ACTION DESIRED:

Staff recommends City Council authorize the City Manager to approve change order no. 1 for the Furneaux Creek 1A channel improvement project with Ark Contracting Services in the amount of \$80,000.