

Staff Report

Subject: Water Booster Pump Station Construction Change Order #1
Author: Eric Larson, Asst. County Manager
Department: Engineering
Meeting Date: June 21, 2022
Item Description: Approve a change order for construction to add a pressure reducing valve to the water line serving Leo at the Sanctuary, formerly known as Jasper Village Development.

Summary Recommendation:

The design and construction of the water booster station on Hodgeville Road will result in high pressure zones in some portions of the system. This is due to the pump's increased pressure and elevation changes in the system. A potential high pressure problem has been predicted by modeling for the Jasper Village Development on Old Augusta Road. A Pressure Reducing Valve is needed to counteract the pressure issue.

Executive Summary/Background:

- Thomas and Hutton was selected for the Booster Station Design.
- Thomas and Hutton was awarded a change order for the valve on Feb. 15, 2022.
- Southern Civil LLC was selected for Construction May 4, 2021.
- The original construction contract is \$1,427,161.00
- Change Order request is \$66,470.00
- New contract amount would be \$1,493,631.00.

Alternatives for Commission to Consider

- 1 - Approve the construction change order to Southern Civil LLC in the amount of \$66,470.00.
- 2 – Take no action and request further information
- 3 – Deny. The valve will not be added to the water line at Jasper Village, resulting in pressure problems for residents.

Recommended Alternative: Alternative 1

Other Alternatives: Alternative 2

Department Review: County Engineering; County Attorney

Funding Source: SPLOST.

Attachments:

1. Southern Civil Contract
2. Change Order request.