

Staff Report

Subject: Water Booster Pump Station Design Change Order #1
Author: Eric Larson, Asst. County Manager
Department: Development Services
Meeting Date: March 16, 2021
Item Description: Approve a change order for design to add a pressure reducing valve to the water line serving 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.
- Construction began on the Booster Station in the fall of 2021.
- The original design contract is \$105,100
- Change Order request is \$11,825
- New contract amount would be \$116,925.

Alternatives for Commission to Consider

- 1 - Approve the design change order to Thomas and Hutton in the amount of \$11,825.
- 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. Change Order request.