CITY OF STOUGHTON
DEPARTMENT OF
PLANNING & DEVELOPMENT
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RODNEY J. SCHEEL
DIRECTOR

Date: June 3, 2020

To: Finance Committee

From: Rodney J. Scheel
Director of Planning & Development

Subject: Stormwater Bio-Swale Conversion Project – Change Order #1

During construction of the Wet Detention Basin the Contractor has encountered high groundwater elevations. One of our concerns is that the current groundwater elevations on the west (843.50) and east (845.50) cells on the south side of the basin is at or above the proposed elevations of the clay liner (West = 842.0 & East = 845.50). The highest the groundwater was observed during the soil borings was 841.50, but these were done in December. It's understood these groundwater elevations could be peaking during the wet weather and may be below the proposed clay liner elevations for most of the year, but there is concern that future high groundwater elevations may cause the slopes above the normal water level to fail.

To address this concern, it has been recommended that an underdrain system be installed in a portion of the basin sidewall along with a clay cap. The Change Order amount for this work is $16,300. The contractor is in the middle of construction and needs an immediate decision so work can continue.

We reviewed the project budget and determined this work can occur within the approved budget. The Mayor, Finance Director and I reviewed the proposed work, budget, and Purchasing Policy and authorized the work to proceed to prevent construction delays.

If you have any questions, please contact me.