



## Legislation Text

File #: 21-1706, Version: 1

**To:** Harris County Commissioners Court

**Through:** Russell A. Poppe, P.E., Executive Director, Harris County Flood Control District

**Prepared By:** Matthew K. Zeve, P.E., Deputy Executive Director, Harris County Flood Control District

**Subject:** Amendment No. 1 to Agreement with Lockwood, Andres & Newnam, Inc.

**Project ID (If applicable):** P500-06-00-E06

### Purpose and Request:

Recommendation for authorization to execute amendment No. 1 to an agreement for engineering services with Lockwood, Andrews and Newnam, Inc. to support construction of the Lauder Stormwater Detention Basin Phase II on HCFCF Unit P500-06-00. Funds are available in the amount of \$150,000. (Greens Bayou Watershed, Bond ID C-34, Project ID P500-06-00-E006, Agreement No. 2020-60, Precinct 2).

### Background and Discussion:

As part of the Greens Bayou Mid-Reach Study, construction of the Lauder Stormwater Detention Basin (SWDB) will provide flood reduction for 10-year storm events and mitigation for channel improvements along Greens Bayou. The goal of Phase II is to provide a minimum of 672-acre feet of detention volume. The final design of Lauder SWDB Phase I was completed in January 2020, and construction started in July 2020. Once completed, the Lauder SWDB Phase 1 will provide 588 ac-ft of detention volume. Design of Phase II was started in December 2020 by Lockwood Andrews & Newnam, Inc. Additional funds are in support of construction phase services, additional environmental work and revisions. Current funding will allow for the construction of a portion of the south compartment with a target volume of 353-acre feet.

**Fiscal Impact:** Funding is covered under the NRCS grant for Technical Assistance.

Fiscal Summary			
Expenditures	FY 20-21	FY 21-22 Projected	Future Years Projected [3 additional years]
<b>Service Impacted:</b> <i>[Please division where expenditure</i>			
Existing Budget	\$0	\$0	\$0
Additional Appropriation	\$0	\$0	\$0
<b>Total Expenditures</b>	\$0	\$0	\$0
<b>Funding Sources</b>	\$0	\$0	\$0
Existing Department Budget	\$0	\$0	\$0
NRCS Grant	\$0	\$150,000	\$0
2018 HCFCF Bond Program	\$0	\$0	\$0
<b>Total Sources</b>	\$0	\$150,000	\$0

### Alternatives:

The alternative should this Amendment not be approved is that we could not provide support to final design phase of this

project and we could lose grant funding from NRCS.

**Alignment with Strategic Objective:**

SO1.1 - Continuously plan CIP projects to improve conveyance capabilities of Harris County through addition of assets to FCD infrastructure and improving existing assets within FCD's existing infrastructure.

**Attachments:** Amendment to agreement