



## Legislation Text

File #: 21-2565, 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:** Accept Preliminary Engineering Report

**Project ID (If applicable):** M124-00-00-E002

### Purpose and Request:

Recommendation to accept a Preliminary Engineering Report titled "Channel Conveyance Improvements along HCFCD Unit M124-00-00 from FM 2920 to Willow Creek" and proceed with design and construction. (Willow Creek Watershed, Bond ID F-37, Project ID M124-00-00-E002, Precinct 4).

### Background and Discussion:

The objective of this study is to provide a 100-year level of service within the M124-00-00 watershed by excavating a new earthen channel section and widening and deepening the existing channel. Two major roadways are in the watershed, SH 249 and FM 2920. Flooding has been reported on FM 2920 due to the existing ditches overtopping and making the road impassable. Regional stormwater detention basins will also be constructed to mitigate the increase in flows and create no adverse impacts to Willow Creek (HCFCD Unit No. M100-00-00). This is a partnership project with HCTRA and TxDOT both providing funds towards the improvements.

### Fiscal Impact:

There is no cost associated with this court item.

Fiscal Summary			
Expenditures	FY 20-21	FY 21-22 Projected	Future Years Projected [3 additional years]
<b>Service Impacted: 4.a.3</b>			
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
Please Identify Funding Sources Special Revenue, Grant, etc.	\$0	\$0	\$0
2018 HCFD Bond Program	\$0	\$0	\$0
<b>Total Sources</b>	\$0	\$0	\$0

### Alternatives:

The alternative should this PER not be approved is that we could not proceed to the final design phase of this project and provide support to current HCTRA and future TxDOT projects within the watershed.

### 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.

SO2.1 - Reducing flooding risks across Harris County by completing projects in the 2018 Harris County Flood Control District Bond Program by 2030.

**Attachments:** n/a