Legislation Text

File #: 21-5297, **Version:** 1

Department: County Engineer
Department Head/Elected Official: Loyd Smith, P.E., Interim County Engineer

Regular or Supplemental RCA: Regular RCA
Type of Request: Policy

Project ID (if applicable): UPIN 19103MF16B01
Vendor/Entity Legal Name (if applicable): CivilTech Engineers, Inc.
MWDBE Participation (if applicable): N/A

Request Summary (Agenda Caption):
Request for approval of a study report prepared by CivilTech Engineering, Inc. for Tall Pines Addition Subdivision Drainage Improvements - 2018 project, UPIN 19103MF16B01, Precinct 3.

Background and Discussion:
This project is located in northwest Harris County in the Cypress Creek watershed. Tall Pines Addition consists of an open roadside drainage ditch system that drains through 4 outfalls into an existing HCFCD Channel K154-00-00 and eventually drains to Cypress Creek. The scope approved on Commissioners Court (January 7, 2020) consisted of re-evaluating the recommendations made during the planning study of this project. Ultimately it was recommended to replace and upsize the driveway culverts where required and regrade the roadside ditches to improve the drainage for localized flooding events in the neighborhood.

Expected Impact:
This study report documents the study phase engineering completed for the Tall Pines Addition Subdivision Drainage Improvements. Once the final engineering design and ultimate construction is completed, there will be reduction in flood risk for the Tall Pines neighborhood. This project will be a step in the process to reduce the financial, physical, and emotional burden flood damage places on homeowners and will reduce the financial impact of recovery costs to the Tall Pines Addition subdivision homeowners, Harris County, and FEMA. The fiscal impact for this project will come from the 1080 Fund, Special Mobility Funding for the Recovery and Resiliency Division subdivision projects with the long-term goal of reducing drainage costs in the future.

Alternative Options: N/A

Alignment with Goal(s):

_ Justice and Safety
_ Economic Opportunity
_ Housing
_ Public Health
_ Transportation
X Flooding
_ Environment
_ Governance and Customer Service

Prior Court Action (if any):

Date	Agenda Item #	Action Taken
1/7/2020	1.f.20	Contract Award
5/25/2021	21-2377	Contract Amendment

Location:
Address (if applicable): **Tall Pines Addition Subdivision**
Precinct(s): Precinct 3

Fiscal and Personnel Summary				
Service Name	-	**FY 21-22**	**Estimates**	
			FY 22	**Next 3 FYs**
Incremental Expenditures				
Labor Expenditures		-	-	-
Non-Labor Expenditures		-	-	-
Total Incremental Expenditures		**-**	**-**	**-**
Funding Sources (General Fund, PIC Fund, Debt or CP, Grants, or Other - Please Specify)				
Existing Budget	-	-	-	-
	-	-	-	-
	-	-	-	-
Total Current Budget		-	-	-
Additional Budget Requested	-	-	-	-
	-	-	-	-
	-	-	-	-
Total Additional Budget Requested		-	-	-
Total Funding Sources		**-**	**-**	**-**
Personnel (Fill out section only if requesting new PCNs)				
Current Position Count for Service		-	-	-
Additional Positions Requested		-	-	-

Total Personnel	-	-	-

Anticipated Implementation Date: October 12, 2021

Emergency/Disaster Recovery Note: Not an emergency, disaster, or COVID-19 related item

Contact(s) name, title, department: Marcus Baskin, Recovery and Resiliency Division Manager, Harris County Engineering Department

Attachments (if applicable): Study Report