



Legislation Text

File #: 22-4642, **Version:** 1

Department: County Engineer

Department Head/Elected Official: Milton Rahman, PhD, P.E., PMP, CFM, County Engineer

Regular or Supplemental RCA: Regular RCA

Type of Request: Report

Project ID (if applicable): 19102MF17C01

Vendor/Entity Legal Name (if applicable): HDR Engineering, Inc.

MWDBE Contracted Goal (if applicable): N/A

MWDBE Current Participation (if applicable): N/A

Justification for 0% MWDBE Participation Goal: N/A - Goal not applicable to request

Request Summary (Agenda Caption):

Request for approval of the Final Study Report by HDR Engineering, Inc. for High Meadows and Fairgreen Subdivision Drainage Improvements - 2018, UPIN 19102MF17C01, Precinct 2.

Background and Discussion:

HDR Engineering, Inc. was authorized to perform study, design, and bid phase engineering services for the High Meadows and Fairgreen Subdivision Drainage Improvements - 2018 project within Harris County Precinct 2. The results of these studies determine that the proposed improvement do not cause any adverse impact to the receiving drainage system. The drainage impact analysis determined that the proposed design would raise the drainage system's level of service to the 10-Year Storm Event. The proposed design was developed to conform to HCED's Regulations for the approval and acceptance of Infrastructure which include adding additional and new storm sewer systems along Charriton DR, Debeney DR, and Fern Meadow LN as well as remove/replacement of roadway.

Expected Impact:

Approval of the Final Study Report will allow the High Meadows and Fairgreen Subdivision Design and Construction to move forward. For the 100-Year storm event, this project will provide reduced flood risk for 10 homes.

Alternative Options:

No alternative option for this project is possible other than performing no additional work. However, in this area, the subdivision will continue to be a risk of flooding and structural damage to homes in the community.

Alignment with Goal(s):

- ☐ Justice and Safety
- ☐ Economic Opportunity
- ☐ Housing
- ☐ Public Health
- ☐ Transportation
- ☒ Flooding
- ☐ Environment
- ☐ Governance and Customer Service

Prior Court Action (if any):

Date	Agenda Item #	Action Taken
09/10/2019	8.e.3	Request for Approval for Authorization under Program Year 2017 Community Development Block Grant Disaster Recovery Program on High Meadows Subdivision
07/20/2021	296	Request for Approval for Renewal Option on Various Hurricane Harvey Recovery Drainage Infrastructure Improvements Projects.
03/08/2022	234	Request for Execution of Amendment to Agreement with HDR Engineering, Inc. for Additional Scope Needed on High Meadows Subdivision Drainage Harvey CDBG-DR Project.
04/26/2022	88	Request for Approval with Harris County Real Property Division on Public Necessity and Convenience in Relation with High Meadows Subdivision.

Location:

Address (if applicable): High Meadows and Fairgreen Subdivision

Precinct(s): Precinct 2

Fiscal and Personnel Summary			
Service Name			
	SFY 22	FY 23	Next 3 FYs
Incremental Expenditures (do NOT write values in thousands or millions)			
Labor Expenditures	\$	\$	\$
Non-Labor Expenditures	\$	\$	\$
Total Incremental Expenditures	\$	\$	\$
Funding Sources (do NOT write values in thousands or millions)			
Existing Budget			
1080 - Infrastructure Fund	\$	\$	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$

Total Current Budget	\$	\$	\$
Additional Budget Requested			
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
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 Court Date: August 2, 2022

Anticipated Implementation Date (if different from Court date): N/A

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

Contact(s) name, title, department: Dustin Pope, Recovery and Resiliency Program Manager, Harris County Engineering Department

Attachments (if applicable): Final Study Report