

STAFF REPORT



SUBJECT: 2021 TxCDBG – Harbin Drive Improvements – Amendment for Drainage Outfall Design
MEETING: Public Works Committee Meeting – 16 Feb 2021
DEPARTMENT: Public Works
STAFF CONTACT: Nick Williams

RECOMMENDATION:

Staff recommends executing an amendment to the agreement with Freese and Nichols, Inc. for the design of the Harbin Drive Improvements project for stormwater improvements adjacent to Harbin flowing through the West End Cemetery.

BACKGROUND:

A professional services agreement was executed for design of the Harbin Drive Improvements on December 3, 2019 for \$641,557. The design work has progressed on schedule and the 100% plans are due in February.

The city executed a Memorandum of Understanding with Tarleton State University (TSU) in August of 2019. Working with Tarleton State University on stormwater-related issues has identified a potential for continued partnership in mutual benefit from the proposed stormwater improvements.

PROJECT:

The amendment to the Harbin Drive Improvements would provide for the drainage improvements from the Harbin Drive outfall at Washington Street downstream through the Tarleton State University (TSU) Pecan Orchard and West End Cemetery to an outfall south of Swan Street. The limits of the drainage improvements are provided on an exhibit attached to this report.

FISCAL IMPACT SUMMARY:

The latest opinion of probable construction cost is approximately \$7.6 million with asphalt pavement and approximately \$9.2 million with concrete pavement as an alternate. Alternate bid items will be used to ensure the best bid is received.

A proposed amendment to the existing agreement would provide the additional stormwater infrastructure design for a not-to-exceed amount of \$137,611. If approved, the professional services agreement would total \$779,168. The opinion of probable construction cost for the drainage improvements is estimated to be \$1.4 million. Capital funds are available from Stormwater to cover the increase in professional design costs.

The Memorandum of Understanding (MOU) executed with TSU in August of 2019 limited the university's contribution to \$1.0 million. The university has provided written communication stating Tarleton is committed to increasing Tarleton's contribution from \$1.0 million to \$1.4 for the improvements based on final scope and costs. A copy of the existing MOU is attached to this report. The MOU will be updated to reflect Tarleton's increase in contribution.

TIMELINE:

Execution of the agreement would extend the full design timeline by approximately 14-16 weeks. The project would still be expected to bid in June-July of 2021 to include the noted stormwater improvements.

The project work schedule will reflect any events that occur at the Tarleton stadium. The total construction is anticipated to take 12-18 months to complete.

Advantages: Approving the amendment would provide the professional design to construct stormwater improvements to safeguard Tarleton's Pecan Orchard as well as the West End Cemetery from erosion. The additional monetary contribution by TSU would cover a substantial portion, if not all, of the anticipated infrastructure cost. The university also benefits by being able to utilize the stormwater improvements when future projects are constructed on the TSU campus.

Disadvantages: The increase in design costs was not budgeted.

ATTACHMENTS:

[Harbin Drive Improvements – Amendment for Drainage Outfall Design](#)
[Memorandum of Understanding with TSU & City – August 2019](#)