



COLLIN COUNTY

Engineering
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Date: June 3, 2019
To: Judge Hill and Commissioners
From: Tracy Homfeld, P.E., CFM, Assistant Director of Engineering
Subject: Scope and Fee for Rush Creek Flood Study

The Collin County Engineering Department requests your consideration of the attached scope and fee presented by the County's General Civil Engineering Consultant, Freese and Nichols.

At the request of staff, F&N has submitted the attached scope to prepare a flood study for a small stretch of Rush Creek, located in unincorporated Collin County off FM 2514 and Paul Wilson Rd near Wylie, TX. (Maps attached).

History of Floodplain Fill Violations:

Fill has been placed in the Special Flood Hazard Area (100-yr floodplain) along Rush Creek for many years. Staff has been in contact with multiple landowners regarding these violations, with no resolutions, since approximately 2012. After several intense rain events, staff was notified that Paul Wilson road had been inundated in the area of the fill. In late 2018 we called a meeting of five landowners that have knowingly placed fill, or made improvements, that could adversely affect the floodplain. To avoid charges being filed, we gave the owners the option of removing the improvements or presenting staff with a study.

Current Status:

Two landowners have opted to remove fill or improvements. We are working with them to do that. Three landowners decided to pursue studies. These three landowners have placed the most fill. After talking with multiple engineers, staff deemed that the study needs to be completed by one engineer to assure that assumptions were made equitably throughout the basin. The owners could not decide on one engineers therefore staff is recommending that the County manage the study with our General Consulting Firm, Freese and Nichols. F&N has presented staff with a scope and fee. The total fee is \$25,000. Our recommendation would be for the cost to be split among the three remaining landowners, with Collin County contributing the last fourth, or \$6,250, of the total cost of \$25,000. Funding is available in the Engineering FY2019 Consultants line item.

We have received verbal agreement from the three landowners that they will participate in the funding of the study. We ask that the court consider the following:

- 1) Approve the Scope and Fee and front the entire cost of the study, \$25,000 allowing the landowners a timeframe in which to pay their portion. Collin County's ultimate participation would be \$6,250 after reimbursement; or
- 2) Approve the Scope and Fee contingent on first receiving all participatory costs from the three land owners. Collin County's participation would be \$6,250.

Action:

We request that the court consider approval of the above mentioned Engineering Services Scope and Fee as described in either option 1 or option 2 above.