



ENGINEERING SERVICES

To: Mayor and Town Council

From: Hulon T. Webb, Jr., P.E., Director of Engineering Services

**Through: Mario Canizares, Town Manager
Chuck Ewings, Assistant Town Manager**

Re: Professional Engineering Services Agreement: Gee Road (US 380 – FM 1385)

Town Council Meeting – June 27, 2023

Agenda Item:

Consider and act upon authorizing the Town Manager to execute a Professional Engineering Services Agreement between Kimley-Horn and Associates, Inc., and the Town of Prosper, Texas, related to the design of the Gee Road (US 380 – FM 1385) project.

Description of Agenda Item:

The services associated with this agreement are for the design of Gee Road from US 380 to FM 1385. This project includes the design of approximately 3,700 linear feet of the 5th and 6th lanes (interior lanes) along Gee Road from US 380 to First Street, and the design of approximately 3,100 linear feet of 3 westbound lanes and 1 eastbound lane from First Street to Gray Wolf Drive. The design improvements generally include paving, drainage, an approximately 300 linear foot bridge (3 lanes) over Doe Branch, another approximately 700 linear foot bridge (3 lanes) over Doe Branch Tributary, relocation of approximately 1,500 linear feet of existing Elm Ridge WCID 18-inch water line, and approximately 1,800 linear feet of asphalt pavement transition from Gray Wolf Drive to the current FM 1385 intersection. The project also includes design of a 10-foot hike and bike trail, median landscaping and irrigation, survey, geotechnical services, and environmental services.

The proposed asphalt pavement transition from Gray Wolf Drive to FM 1385 will be removed and replaced with concrete pavement when the Texas Department of Transportation (TxDOT) constructs the FM 1385 widening project, estimated to start construction in Summer 2026. At that time, the current intersection of FM 1385 and Gee Road will be realigned as shown on the attached exhibit, which is in accordance with the Town's Thoroughfare Plan, and TxDOT will construct the ultimate six lanes of Gee Road from the new intersection of FM 1385 to Gray Wolf Drive.

At the April 9, 2019, Town Council meeting, the Town Council approved a list of qualified engineering firms, which included services for roadway engineering design. Kimley-Horn and Associates, Inc., is included on the approved list and has successfully completed the design of roadway improvement projects for the Town.

Budget Impact:

The cost for the design is \$1,655,000. This project was approved in the November 2022 Denton County Transportation Road Improvement Program (TRIP 22) Bond Election. Denton County has agreed to provide an initial \$1,700,000 towards the project based on current available funding per the Interlocal Cooperation Agreement between Denton County and the Town. The Interlocal Cooperation Agreement is included as a separate agenda item on the June 27, 2023, Town Council meeting for approval. The funds will be placed in Account No. 750-5410-10-00-2310-ST.

Per the Interlocal Cooperation Agreement, the estimated total cost for the project is \$20,459,225, and the initial contribution of \$1,700,000 from Denton County and future contribution up to a total of \$3,600,000, is intended to serve as the local match for potential regional funding opportunities. Due to the regional significance of Gee Road between US 380 and FM 1385, Denton County intends to partner with the Town to seek out the regional funding opportunities needed to achieve the timely completion of the project.

Legal Obligations and Review:

Terrence Welch of Brown & Hofmeister, L.L.P., has approved the standard Professional Engineering Services Agreement as to form and legality.

Attached Documents:

1. Professional Engineering Services Agreement
2. Location Map
3. FM 1385 at Gee Road Schematic

Town Staff Recommendation:

Town staff recommends that the Town Council authorize the Town Manager to execute a Professional Engineering Services Agreement between Kimley-Horn and Associates, Inc., and the Town of Prosper, Texas, related to the design of the Gee Road (US 380 – FM 1385) project.

Proposed Motion:

I move to authorize the Town Manager to execute a Professional Engineering Services Agreement between Kimley-Horn and Associates, Inc., and the Town of Prosper, Texas, related to the design of the Gee Road (US 380 – FM 1385) project.