



## 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: Contract Amendment No. 3 – US 380 Deceleration Lane Modifications  
(TranSystems Corporation)**

**Town Council Meeting – March 12, 2024**

**Strategic Visioning Priority: 1. Acceleration of Infrastructure**

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**Agenda Item:**

Consider and act upon authorizing the Town Manager to execute Contract Amendment No. 3 to the Professional Engineering Services Agreement, between TranSystems Corporation dba TranSystems Corporation Consultants, and the Town of Prosper, Texas, related to the design of the US 380 Deceleration Lane Modifications project.

**Description of Agenda Item:**

The Texas Department of Transportation (TxDOT) is currently widening approximately 10.5 miles of US 380 in Denton County from US 377 to CR 26. Within the limits of the Town of Prosper, there are multiple non-residential developments with driveways connecting to US 380. Due to high volume and high speeds along US 380, the Town requires deceleration lanes at all driveways to improve safety for motorists turning right from US 380 into the developments. However, since TxDOT does not require deceleration lanes at non-residential driveways, the design of US 380 did not incorporate ten (10) deceleration lanes to serve several key developments, including CDJR, Cook Children's, Windsong Retail (Home Depot, Kroger), Westfork Retail (LA Fitness) and Westside Addition (Costco). In addition, existing developments like Cook's Children's and Costco, are requesting median openings with left turn lanes to serve their development. Lastly, the proposed development at the northwest corner of US 380 and Teel Parkway (Teel Corner) recently requested that the two (2) deceleration lanes for their development be constructed with the TxDOT project.

For the deceleration lanes, left turn lanes, and median openings to be constructed to serve the above referenced developments, TxDOT will allow the Town to either work through the process of redesigning the plans and providing the funds to TxDOT to construct them with the US 380 widening project or approve a TxDOT driveway permit to allow the Town or development to construct the improvements after TxDOT has completed the project. Since the Town coordinated with many of the developments on escrow agreements for the costs associated with adding the improvements, incorporating the construction of the improvements into TxDOT's project is expected to be the most economical and quickest option.

TranSystems Corporation Consultants is the design engineer for TxDOT on the US 380 widening project and their scope of work for the Town on this project is broken into three (3) phases. On November 7, 2022, a Professional Engineering Services Agreement was approved for Phase I, in the amount of \$24,670, which included the initial evaluation of the proposed ten (10) deceleration lanes requested by the Town from Legacy Drive to FM 1385. The evaluation included identification of potential franchise utility conflicts, right-of-way impacts and ultimate feasibility of adding the requested deceleration lanes for discussion with the Town and TxDOT. Final recommendation from Phase I was that all ten (10) proposed deceleration lanes could be redesigned into the project without significant impacts to the project.

Contract Amendment No. 1, in the amount of \$124,100, approved on June 13, 2023, was for the redesign of the construction plans to include the proposed ten (10) deceleration lanes. Redesign included updating traffic control, roadway plan and profile plans, drainage plans and calculations, signage and pavement marking, and storm water pollution prevention plans. In addition, revisions included estimating final plan quantities and construction costs to be used in the Advanced Funding Agreement (AFA) between TxDOT and the Town. The approval of an AFA with TxDOT is required to include the construction of the deceleration lanes in the US 380 widening project.

Contract Amendment No. 2, in the amount of \$4,340, approved on September 28, 2023, was for additional design options for the redesign of the construction plans for one (1) of the proposed ten (10) deceleration lanes to address comments from TxDOT.

Contract Amendment No. 3, in the amount of \$79,150, is for the redesign of the construction plans to include two (2) left turn lanes and median openings to serve Cook's Children and Costco. In addition, two (2) deceleration lanes to serve the proposed Teel Corner development on the northwest corner of Teel Parkway and US 380.

**Budget Impact:**

The cost for Contract Amendment No. 3 is \$79,150, and funding is budgeted in Account No. 750-5410-10-00-2302-ST.

**Legal Obligations and Review:**

Terrence Welch of Brown & Hofmeister, L.L.P., has approved the standard Contract Amendment as to form and legality.

**Attached Documents:**

1. Contract Amendment No. 3

**Town Staff Recommendation:**

Town staff recommends that the Town Council authorize the Town Manager to execute Contract Amendment No. 3 to the Professional Engineering Services Agreement, between TranSystems Corporation dba TranSystems Corporation Consultants, and the Town of Prosper, Texas, related to the design of the US 380 Deceleration Lane Modifications project.

**Proposed Motion:**

I move to authorize the Town Manager to execute Contract Amendment No. 3 to the Professional Engineering Services Agreement, between TranSystems Corporation dba TranSystems Corporation Consultants, and the Town of Prosper, Texas, related to the design of the US 380 Deceleration Lane Modifications project.