



**20-0550**

**TITLE:** Consider/Discuss/Act on a Resolution Authorizing the City Manager to Execute a Contract with Kimley-Horn to Provide Consulting Engineering Services for the TR2023 - Traffic Signal Detection Upgrades Design along US380 and Authorizing Any Supplemental Agreements

**COUNCIL GOAL:** Operational Excellence  
(2B: Balance available resources to accommodate the growth and maintenance needs of the city)

**MEETING DATE:** July 7, 2020

**DEPARTMENT:** Development Services/Engineering

**CONTACT:** Thuan Huynh, PE, Transportation Engineering Manager  
Gary Graham, PE, PTOE, Director of Engineering

**RECOMMENDED CITY COUNCIL ACTION:**

- Approval of Resolution.

**ITEM SUMMARY:**

- This Resolution authorizes the City Manager to execute a contract in the amount of \$84,500, as well as all required supplemental agreements thereto, with Kimley-Horn for professional consulting engineering services for the Traffic Signal Detection Upgrades Design, for a total aggregate contract amount, inclusive of any supplemental agreements, not to exceed \$95,000.

**BACKGROUND INFORMATION:**

- In 2018, The City of McKinney applied for a project to upgrade the traffic signal vehicle detection for 20 intersections along US 380 in response to TxDOT's call for projects for the 2018 Highway Safety Improvement Program (HSIP).
- The project will update the traffic signal detection equipment at each intersection to utilize radar-based presence and setback detection. By adding this type of detection, we hope to see less crashes at the signalized intersections along US 380.

- The project will include all signalized intersections along US380 from N Stonebridge Drive to Airport Drive.
- This upgrade in detection will also allow staff to collect high-resolution traffic detection information for all the approaches to each intersection. This will be useful as staff implements new traffic signal controllers at the same intersections. This will allow staff to better manage the traffic signal system.
- Kimley-Horn and Associates, Inc. submitted a response to 18-02RFQ for Traffic Engineering Services for Various Projects. They were one of eleven firms approved by City Council on January 16, 2018.
- Construction of this project is estimated to cost a total of approximately \$1,150,406.

Upon approval of the engineering services contract, Kimley-Horn will perform the design and prepare the construction documents for the project.

**FINANCIAL SUMMARY:**

- This Resolution authorizes a contract with Kimley-Horn for an amount not to exceed \$95,000.
- Funds are available in the Capital Improvements Program TR2023 (\$95,000).

**BOARD OR COMMISSION RECOMMENDATION:**

- N/A

**SUPPORTING MATERIALS:**

[Location Map](#)  
[Resolution](#)