





February 4, 2025

Mrs. Kim Golden, P.E.  
Engineering & Planning  
City Engineer, Director  
City of Texas City  
7800 Emmett F. Lowry Expy  
Texas City, TX 77591

Re: Contract Amendment No. 1 to the Engineering Design Phase Services for City of Texas City's "**Central Park Boulevard Project - Phase 1 & Phase 2**"

Dear Mrs. Golden:

ARKK Engineers, LLC (ARKK) is pleased to submit this Contract Amendment No. 1 to the engineering design and construction phase services proposal for City of Texas City's "Central Park Boulevard Project - Phase 1 & Phase 2" dated September 8, 2025, and approved by the City on November 5, 2025. This proposal is based on our understanding of the project as discussed in our previous meetings and conversations. For your convenience, this proposal consists of General Overview, Scope of Services, and Fee.

#### **GENERAL OVERVIEW**

This contract amendment no. 1 includes providing engineering services for the design of a new traffic signal system at the intersection of FM 2004 and Central Park Blvd. Currently, ARKK Engineers (ARKK) is designing Central Park Blvd. roadway extension in the City of Texas City that will connect FM 2004 to Century Boulevard. The Central Park Blvd roadway extension of roadway design is proposed to be a four-lane boulevard with concrete pavement, grass medians, curbs, and underground storm sewers.

A traffic corridor study for mobility planning and a traffic warrant study to determine if a traffic signal was warranted at FM 2004/Central Park Blvd was conducted by Traff Data & Associates. Inc. (TDAI). TDAI utilized existing traffic volumes and also projected the anticipated traffic volumes in the area for the warrant study. Based on the results of the warrant study performed by TDAI, it was recommended that a new traffic signal be installed at FM 2004/Central Park Blvd intersection (to be constructed) to improve mobility. In addition to the traffic signal upgrades, additional curb ramps and crosswalks will be added to provide pedestrian crossings across FM 2004.

ARKK will utilize the services of TDAI (traffic signal sub-consultant) to aid with the traffic signal design. A detailed summary of the scope of work and fee is presented in TDAI's proposal, which is included as an attachment to this letter.

This proposal also includes a budget for obtaining additional survey data to aid with the traffic signal design and to implement the traffic corridor study recommendations is also included in this proposal (attached).

This traffic signal project will be packaged and bid with the roadway construction project and therefore bid and construction inspection services are not included in this proposal.

**FEE**

The fee for the services is outlined below.

ARKK's design support: lump sum amount of	\$9,950.00
Traffic Signal Design (TDAI): lump sum amount of	\$34,100.00
Additional Topographic Survey: Cost plus 10%	\$10,725.00
Construction Administration Services (TDAI): lump sum amount of	<u>\$9,350.00</u>
<b>TOTAL FEE :</b>	<b>\$64,125.00</b>

ARKK Engineers, LLC will submit monthly progress invoices for all engineering work completed to invoice date. The invoices would be based on the percentage of the work completed during the invoice period.

ARKK Engineers LLC appreciates the opportunity to submit this proposal and we look forward to continuing working with the City of Texas City on this very important project.

Sincerely,

ARKK ENGINEERS, LLC.



Madhu Kilambi, P.E.

Senior Project Manager / Principal

Cc: Mr. Jack Haralson – City of Texas City

# **TDAI** *Traff Data & Associates. Inc.*

*a*  
*Traffic Engineering Advocacy Group*

*(713) 446-8167*

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January 27, 2026.

Mr. Madhu Kilambi, P.E.  
ARKK Engineers  
7322 Southwest Freeway, Suite 1040  
Houston, Texas, 77074

**Re:** Traffic signal at FM 2004 at Central Park Boulevard in Texas City, Texas.

Dear Mr. Kilambi:

Traff Data & Associates appreciates the opportunity to submit a proposal to design a full traffic signal at the intersection of FM 2004 at Central Park Boulevard in Texas City, Texas.

**Scope of Services:**

- Coordination with client, the city of Texas City and TxDOT Houston District.
- TDAI will complete and submit a completed traffic signal warrant analysis to TxDOT Houston District for approval at the intersection of FM 2004 at Central Park Boulevard.
- TDAI will provide a detailed design of the traffic signal at the intersection of FM 2004 at Central Park Boulevard in accordance to TxDOT Houston District design standards.

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9894 Bissonnet, Suite 640, Houston, Texas 77036  
P.O.BOX 963 . Sugar Land, Texas 77487

- TDAI will provide quantities of items needed for the installation of the Traffic Signal.
- TDAI will provide the pavement markings and signages in accordance to TxDOT MUTCD.

**Note: The construction plans will contain the following:**

- General notes
- Existing Conditions
- Communication layout for signal at Katy Hockley Cutoff and Katy Park Market Drive.
- Utility Location & Conflict identification (By surveyor)
- Signal Details, Standards, estimate and technical specifications.
- Coordination with Texas New Mexico Power for power delivery.

**Additional services upon receipt of design approval from TxDOT.**

- Attend pre-bid meeting for installation of traffic signal
- Construction administration services which include pre-construction meetings, review of submittals for payments, project coordination meetings and walkthroughs.
- Signal plan timings report and timing sheet.

**Items needed:** CAD File of the site plan.

Utility Survey of intersection

Topographical survey showing underground utilities

# **TDAI** *Traff Data & Associates. Inc.*

*a*  
*Traffic Engineering Advocacy Group*

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## **Schedule:**

The time required for completion of the signal design plans is 90 calendar days. TDAI will aggressively pursue this schedule by applying the necessary resources in order to achieve this goal. However, it is imperative that all individuals involved in supplying key information be committed to this project to the extent that undue delays in response are avoided. TDAI will make every effort to fully coordinate with the agencies in a timely fashion.

## **Compensation:**

The total lump sum cost for the design services is set at \$31,000.00.

The total lump sum for additional services after approval of the signal plan set by TxDOT is set at \$8500.00

This fee includes all direct and indirect costs associated with the performance of the work as identified in the scope. 50% of the fees (\$15,500.00) will be paid upon submitting the design plans to TxDOT for review and the remaining balance (\$15,000.00) will be billed upon approval from TxDOT Houston District. Fees for the additional services will be paid after walkthroughs. Invoices will be submitted upon completion of the design and payment received within 21 days.

**TDAI** *Traff Data & Associates. Inc.*

*a*  
*Traffic Engineering Advocacy Group*

*(713) 446-8167*

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Thank you for considering Traff Data and Associates, Inc. for this project and as always, I can assure you of our personal service and timely response. We look forward to being of continued service to ARKK Engineers. In the event of questions or if clarification is required, please advise.

Respectfully Submitted

Traff Data and Associates, Inc.

  
I. Samson Ukaegbu, P.E.  
Principal

Agreed and accepted for ARKK Engineers

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print name

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9894 Bissonnet, Suite 640, Houston, Texas 77036  
P.O.BOX 963 . Sugar Land, Texas 77487



**LLC, PROFESSIONAL LAND SURVEYORS**

ARKK Engineers  
7322 Southwest Freeway Suite 1040  
Houston, Texas 77074

Date: Jan. 9, 2026  
Re: City of Texas City Central Blvd. Expansion Project

**Introduction**

Thank you for the opportunity to provide this proposal for surveying services for the above referenced project. Based on your email and supplied maps we have identified a scope of work and a lump sum fee for your project.

**Project Overview**

Prepare topographic route survey along FM 2004 from Central Park Blvd. south for 784 and along Central Park Blvd west from FM 2024 465 feet for use by ARKK Engineering for the civil design of Central Park Blvd. Expansion

**Scope of Work**

- o The survey will extend per area as described above. Survey to include cross-section at a minimum of 100' intervals. Shots of sanitary manholes, water valves, and other utilities will be included in the survey. Sanitary and storm sewer invert elevations will be obtained. Existing culvert invert elevation and sized will be acquired. Visible surface features will be included in survey.
- o Survey will be prepared in accordance with ARKK Engineering survey requirements with the exception that Ellis Surveying Services makes no warranty that all the underground utilities within the project area have been depicted on the survey. Ellis Surveying Services will notify Texas One-Call of the survey date and request that all underground utilities be marked, all marked utility locations will be shown on the survey, but the locations should be considered as approximate.
- o Survey will be tied to State Plane Coordinates (NAD83) Texas South Central Zone Elevation data to be tied to NAVD88 Geoid18..
- o Ellis Surveying Services will supply autocad file and point files in ACAD 2018 format and will supply completed and signed "Control Map" of project.

**Fees, Budget & Schedule**

Project Sub-Area No.	Street	Length of Survey	Survey Cost per Linear Foot	Cost per Street
1	FM 2004	784	\$8.80	\$6,899.20
1	Central Park Blvd. (west)	465	\$5.50	\$2,557.50
2	Control Map	2	\$140.00	\$280.00
	<b>TOTAL</b>			<b>\$9,736.70</b>

Sincerely,  
Ellis Surveying Services, LLC

Robert Ellis, RPLS