

WORK AUTHORIZATION NO. 6
PROJECT: On Call Traffic Engineering Services

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated September 3, 2015 and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Kimley-Horn and Associates (the "Engineer").

Part 1. The Engineer will provide the following Engineering Services set forth in Attachment "B" of this Work Authorization.

Part 2. The maximum amount payable for services under this Work Authorization without modification is \$ 50,000.00.

Part 3. Payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the Contract.

Part 4. This Work Authorization shall become effective on the date of final acceptance and full execution of the parties hereto and shall terminate on November 30, 2018. The Engineering Services set forth in Attachment "B" of this Work Authorization shall be fully completed on or before said date unless extended by a Supplemental Work Authorization.

Part 5. This Work Authorization does not waive the parties' responsibilities and obligations provided under the Contract.

Part 6. County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Work Authorization. Engineer understands and agrees that County's payment of amounts under this Work Authorization is contingent on the County receiving appropriations or other expenditure authority sufficient to allow the County, in the exercise of reasonable administrative discretion, to continue to make payments under this Contract. It is further understood and agreed by Engineer that County shall have the right to terminate this Contract at the end of any County fiscal year if the governing body of County does not appropriate sufficient funds as determined by County's budget for the fiscal year in question. County may effect such termination by giving written notice of termination to Engineer.

Part 7. This Work Authorization is hereby accepted and acknowledged below.

EXECUTED this ____ day of _____, 2017.

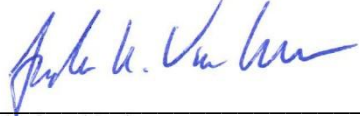
ENGINEER:

Kimley-Horn and Associates

COUNTY:

Williamson County, Texas

By:



Signature

By:

Signature

Andrew VanLeeuwen

Printed Name

Printed Name

Senior Vice President

Title

Title

LIST OF ATTACHMENTS

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

PROJECT: On Call Traffic Engineering Services

**ATTACHMENT A
Services to be provided by the Client**

Project Location: Multiple Locations

Project Description: Traffic Engineering and Support Services

SCOPE OF WORK

This project consists of the design and necessary support services for Traffic Engineering and Support Services in Williamson County. The tasks that may be accomplished under this contract will be on an as needed basis to assist with general traffic engineering needs. The actual level of effort required for each task will be quantified in separate letter agreements.

SERVICES TO BE PROVIDED BY THE CLIENT

The Client shall provide all information requested by K-H during the project, including but not limited to the following:

- Available accident data.
- Available traffic count data.
- Timely responses to requests for information or clarification; and
- Timely review of all submittals.
- Provide available copies of associated studies and coordination with ongoing related county projects.
- Provide decisions in a timely manner.
- Process payment to Consultant in a timely manner.

PROJECT: On Call Traffic Engineering Services

ATTACHMENT B Services to be provided by the Consultant

Project Location: Multiple Locations

Project Description: Traffic Engineering and Support Services

SCOPE OF WORK

This project consists of the design and necessary support services for Traffic Engineering and Support Services in Williamson County. The tasks that may be accomplished under this contract will be on an as needed basis to assist with general traffic engineering needs. The actual level of effort required for each task will be quantified in separate letter agreements.

SERVICES TO BE PROVIDED BY THE CONSULTANT

The following scope of services is a general description of the types of projects that may be performed under this contract.

Traffic Signal Timing: Isolated Intersections, Corridor Timing Plans, and Grid Network Plans

Traffic Studies:

Signal and Stop Warrants	Congestion / Access Management
Speed Zones	Traffic Projections for Design Projects
Signing and Pavement Markings	School Zones
Bottleneck Studies	Review of Other Studies (i.e. TIAs)
High Accident Locations	Innovative Intersection Studies
Special Event Studies	Shared Parking Studies

Data Collection: Turning Movement Counts, Strip Maps, Tube Counts, Ball Bank Indicator, Speed Studies

Plans Specifications & Estimates (PS&E), including:

- ❖ Traffic Signal Design
- ❖ Signal System Design (Wired or Wireless Interconnect)
- ❖ Minor Intersection Improvements
- ❖ Innovative Intersections
- ❖ Intelligent Transportation System (ITS) Projects
 - Dynamic Message Signs
 - CCTV Cameras
 - Detection Systems
 - Lane Control Signals
 - Wireless Communications
 - Fiber Optic Communications
 - (ISD, municipal)
 - Leased Communications
 - Highway Advisory Radio
 - HUB Buildings
 - Control Centers
 - Networking
 - Bluetooth
- ❖ Traffic Management / Traffic Control Plans
- ❖ Illumination
- ❖ Large and Small Guide Signs

Construction Support:

- ❖ Observation of Construction
- ❖ Review of Contractor Shop Drawing Submittals
- ❖ Review of Contractor RFIs
- ❖ Investigation of Change Order Requests and Designs
- ❖ Review of Testing Procedures

PROJECT: On Call Traffic Engineering Services

**ATTACHMENT C
Work Schedule**

Project Location: Multiple Locations

Project Description: Traffic Engineering and Support Services

Engineer shall provide a work schedule for the assigned tasks. Work shall begin immediately upon receipt of agreement on the work schedule and authorization to proceed on assigned services.

PROJECT: On Call Traffic Engineering Services

**ATTACHMENT D
Rate Schedule**

Project Location: Multiple Locations

Project Description: Traffic Engineering and Support Services

Classification	Hourly Billing Rate
Admin / Clerical	\$75
Sr. CAD Technician	\$95
Sr. Designer / Engineering Technician	\$120
Analyst	\$115
Engineer/Professional	\$145
Sr. Engineer I/Professional I	\$180
Sr. Engineer II/Senior Professional II	\$215
Principal	\$240

CPI Rate Adjustments: Rates will remain firm for the initial first year of the Contract and such rates shall be deemed the "Initial Base Rates". Engineer must request rate adjustments, in writing, at least thirty (30) days prior to each annual anniversary date of the Contract and any rate changes will take effect on the first day following the prior year. If Engineer fails to request a CPI rate adjustment, as set forth herein, the adjustment will be effective thirty (30) days after the County receives Engineer's written request. No retroactive rate adjustments will be allowed.

Price adjustments will be made in accordance with changes in the U.S. Department of Labor Consumer Price Index (CPI-U) for All Urban Consumers, All Items, South Region (Base 1982-84 = 100).

The rate adjustment will be determined by multiplying the Initial Base Rates by a fraction, the numerator of which is the index number for most recently released index before each annual anniversary date of the Contract and the denominator of which is the index number for the first month of the Contract (the index number for the month in which the Contract was originally executed). If the products are greater than the Initial Base Rates, County will pay the greater amounts as the rates during the successive year until the next rate adjustment. Rates for each successive year will never be less than the Initial Base Rates.