

## **WORK AUTHORIZATION NO. 13**

### **WILLIAMSON COUNTY CORRIDOR PROJECT: CORRIDOR E2/E3 FROM US 79 TO CR 127**

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Surveying Services, being dated May 19, 2020 and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Surveying And Mapping, LLC (the "Surveyor").

Part 1. The Surveyor will provide the following Surveying 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 \$351,674.45.

Part 3. Payment to the Surveyor 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 January 31, 2025. The Surveying 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. Surveyor 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 Surveyor 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 Surveyor.

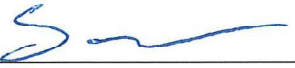
Part 7. This Work Authorization is hereby accepted and acknowledged below.

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EXECUTED this Dec 20, 2023.

SURVEYOR:

Surveying And Mapping, LLC (SAM)


By:   
Signature

SCOTT BRASHERS  
Printed Name

SR. PROJECT MANAGER  
Title

COUNTY:

Williamson County, Texas

By:   
Signature

Bill Gravell  
Printed Name

County Judge  
Title

#### LIST OF ATTACHMENTS

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Surveyor

Attachment C - Work Schedule

Attachment D - Fee Schedule

**ATTACHMENT A**  
**SERVICES TO BE PROVIDED BY THE COUNTY FOR**  
**Corridor E2/E3**

In general, Williamson County and its representatives to their best efforts will render services as follows:

1. Name, business address, and phone number of County's project manager.
2. Assistance to the Surveyor, as necessary, with obtaining data and information from other local, regional, State and Federal agencies required for this project.
3. Provide available criteria and full information as to the client's requirements for the project. Provide examples of acceptable format for the required deliverables.
4. Provide timely reviews and decisions necessary for the Surveyor to maintain the project work schedule. Review recommendations offered by the Surveyor, progress of work, and final acceptance of all documents.
5. Submittal of documentation and permits to regulatory agencies for review and comment, when specified.
6. Assist with Coordination between the Surveyor and the County's other consultants.
7. Provide an agent as necessary to secure proposed ROW and relocate/remove improvements on proposed ROW.
8. The horizontal datum for this project will be NAD83 (2011) Texas Coordinate System, Central zone, with a scale factor of 1.0012 or as provided by the County.
9. Facilitate resolution of any refusals to grant ROE and/or communication with land owners who are hostile with respect to completion of the WA.

# **ATTACHMENT B**

## **SERVICES TO BE PROVIDED BY THE SURVEYOR FOR CORRIDOR E2/E3**

### **PROJECT DESCRIPTION**

#### **Project Limits**

The project limits are from US 79 to CR 127 for approximately 7.5 miles.

#### **Project Scope**

Surveyor shall provide Right-of-Way mapping services to be used for acquisition of up to **56** acquisition parcels along Corridor E from US 79 to CR 127. Surveyor's Scope of Services is limited to those items outlined below.

#### **1. Right of Entry (ROE)**

- a. Surveyor shall attempt to obtain ROE for the fifty six (56) affected properties for the purpose of completing the ROW survey. The Surveyor anticipates that Williamson County will facilitate the resolution of any refusals to grant ROE and/or communication with land owners who are hostile with respect to the completion of this scope of services. The Surveyor will document any interactions with land owners while performing the work. Gaining ROE from all land owners in a timely manner will be critical to the success and efficiency in meeting deadlines for this project.

#### **2. PROJECT MANAGEMENT**

##### **a. Communication:**

- Designate one Registered Professional Land Surveyor (Texas) to be responsible for the project management, and all communications with the County and its representatives.

##### **b. Monthly Progress Report, Invoices, and Billings (24 months assumed):**

- Submit monthly progress status reports to the GEC. Progress reports will include deliverable table, tasks completed, tasks/objectives that are planned for the upcoming periods, lists or descriptions of items or decisions needed from the County and its representatives. Subconsultant progress will be incorporated into the monthly progress report. A copy of the monthly progress report will be uploaded to ProjectWise.
- Prepare correspondence, invoices, and progress reports on a monthly basis in accordance with current County requirements.

##### **c. Project Coordination & Administration:**

- Correspondence and coordination will be handled through & with the concurrence of the GEC.
- Manage project activities (including documenting emails, phone and conference calls, maintain project files for the length of the project, meeting agendas, meeting minutes, and schedule meetings), direct Engineer's team/staff, coordinate and review sub-consultant work, correspond with the County and its representatives, and assist the County and its representatives in preparing responses to project-related inquiries.

d. Project Schedule:

- Maintain a project schedule indicating tasks, subtasks, critical dates, milestones, and deliverables. Submit to County as requested.

e. Deliverables:

- Monthly Invoices and Progress Reports
- Project Schedule and Updates

3. RIGHT-OF-WAY (ROW) MAPPING

a. Research

- Surveyor shall perform records research and obtain sufficient ownership documents to prepare a working sketch (abstract map) of adjoining properties along the project route. Map will be reconciled and refined into a preliminary right-of-way map for review

b. Field Survey

- Surveyor will locate existing control (if available and provided) and reconcile any discrepancies found.
- Surveyor will establish supplemental survey control as needed to be used during the course of the survey. (Up to 8 points)
- Surveyor will locate boundary monuments sufficient to determine existing right-of-way lines and parcel boundaries.

c. Parcel Acquisition Documents (up to **56** parcel documents assumed):

- Surveyor shall prepare preliminary parcel descriptions with associated parcel plats for right-of-way parcel and easement acquisition. Surveyor will perform sufficient 2-dimensional location of substantial features found within 25 feet of the proposed right-of-way lines and note any improvements requiring removal/relocation.
- After receipt of title commitments, set appropriate monumentation (Up to 224 iron rods) in accordance with County requirements. Prepare signed and sealed documents for right of way parcel and easement acquisition.

d. Deliverables:

- Survey CADD files
- Draft Parcel Acquisition Documents (pdf)
- Final Parcel Acquisition Documents (one original and pdf)
- ASCII point file of all points located/set during the course of the survey

4. ASSUMPTIONS

- a. Vehicular and pedestrian access to the site is possible and granted. Williamson County will assist with Right of Entry to adjacent tracts if required.

- b. Proposed ROW lines will be provided by Williamson County.
- c. Williamson County or title company will furnish the current ownership information, title commitment, and Schedule B Exception Documents (if applicable).
- d. Survey data will be based on the Texas State Plane Coordinate System, NAD83 – Central Zone; Vertical data will be based on the North American Vertical Datum of 1988 (NAVD88), Geoid12B, unless specified otherwise.
- e. All documents will be signed, sealed and prepared under the direction of a Registered Professional Land Surveyor licensed to practice in the state of Texas.

EXHIBIT C - WORK SCHEDULE																													
Surveying and Mapping, LLC																													
Start Date	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29 - 57
NOTE*	1/8/24	1/15/24	1/22/24	1/29/24	2/5/24	2/12/24	2/19/24	2/26/24	3/4/24	3/11/24	3/18/24	3/25/24	3/25/24	4/1/24	4/8/24	4/15/24	4/22/24	4/29/24	5/6/24	5/13/24	5/20/24	5/27/24	6/3/24	6/10/24	6/17/24	6/24/24	7/1/24	7/8/24	7/15/24 - 1/31/25
Establish Project Control																													
Right of Entry Coordination																													
ROW Field Surveys																													
Boundary Analysis/Prepare Prelim ROW Documents																													
Prepare Final ROW Documents																													
Establish ROW Monumentation																													
County Review																													
*Weather and right of entry dependant. Gaining ROE from all landowners in a timely manner will be critical in meeting deadlines for this project.																													

**ATTACHMENT D  
TIME & MATERIALS PAYMENT BASIS  
SURVEY SERVICES**

Project: Corridor E  
Proposal Number: 1019052774Q

TASK DESCRIPTION	SENIOR PROJECT MANAGER	PROJECT MANAGER	STAFF SURVEYOR	SENIOR SURVEY TECHNICIAN	SURVEY TECHNICIAN	2-PERSON SURVEY CREW	3-PERSON SURVEY CREW	FIELD COORDINATOR	ADMIN/ CLERICAL	TOTAL LABOR HRS. & COSTS
Establish Control (Up to 8 points)	4	4		12	16	50		3		\$12,313.00
Records Research and Deed Study	4	24		50	120					\$21,820.00
Field Surveys	4	12		40	80	460		23		\$88,595.00
Boundary Analysis	10	42	24	80	60					\$26,440.00
Prepare Preliminary ROW Documents (Up to 56 parcels)	10	50	16	224	560					\$91,480.00
Prepare Final ROW Documents (Up to 56 parcels, includes review of title commitment)	6	24	8	56	168					\$28,624.00
Establish ROW Monumentation (Up to 224 iron rods)	6	6		24	24	240		12		\$45,492.00
Right of Entry Coordination E2/E3 (56 Parcels)	4	24		25	65	10		5		\$15,755.00
										\$0.00
<b>SUB-TOTALS</b>	<b>48</b>	<b>186</b>	<b>48</b>	<b>511</b>	<b>1093</b>	<b>760</b>	<b>0</b>	<b>43</b>	<b>0</b>	<b>\$330,519.00</b>
HOURS SUB-TOTALS	48	186	48	511	1093	760	0	43	0	2689
CONTRACT RATE PER HOUR	\$180.00	\$160.00	\$135.00	\$110.00	\$98.00	\$155.00	\$195.00	\$105.00	\$75.00	
TOTAL LABOR COSTS	\$8,640.00	\$29,760.00	\$6,480.00	\$56,210.00	\$107,114.00	\$117,800.00	\$0.00	\$4,515.00	\$0.00	\$330,519.00

OTHER DIRECT EXPENSES		# OF UNITS	COST/UNIT							
Mileage (number x current state rate)		6390	\$0.655	per mile						\$4,185.45
GPS Receiver		650	\$25.00	per hour						\$16,250.00
Primary Control Monuments		8	\$90.00	each						\$720.00
<b>SUBTOTAL DIRECT EXPENSES</b>										<b>\$21,155.45</b>

SUMMARY		
LABOR COSTS		\$330,519.00
NON-SALARY (OTHER DIRECT EXPENSES)		\$21,155.45
<b>TOTAL SAM SURVEY</b>		<b>\$351,674.45</b>