

WORK AUTHORIZATION NO. 10
PROJECT: CORRIDOR F BOUNDARY SURVEY

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 \$14,913.00.

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 August 21, 2023 with final acceptance and full execution of the parties hereto and shall terminate on August 31, 2024. 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.


EXECUTED this ____ day of _____, 2023.

SURVEYOR:

Surveying And Mapping, LLC (SAM)

COUNTY:

Williamson County, Texas

By: 

Signature

By: _____
Signature

Scott Brashear

Printed Name

Bill Gravell, Jr.

Printed Name

Sr. Project Manager

Title

Williamson 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 County

The County shall:

- A. Designate a project manager to serve as the County's point of contact with the Surveyor.
- B. Provide the specification requirements for all surveys.
- C. Provide timely reviews and decisions necessary to enable the Surveyor to maintain an agreed upon project schedule as developed in Attachment C.
- D. The horizontal datum for this project will be NAD83 (2011) Texas Coordinate System, Central zone, with a scale factor of 1.00012 or as provided by the county.
- E. Vertical values for this project will be based on NAVD88, GEOID 12B.
- F. Provide Right-of-Entry (ROE).
- G. Provide DGN containing location of proposed ROW.

Attachment B - Services to be Provided by Surveyor (SAM)

Project Limits –

As shown graphically below and as the blue parcel in the PDF provided to SAM on 8/10/23, Tax ID # R622631.

Exhibit “A”



Assumptions

- No improvements shall be located in the field or shown on survey plats.
- The survey plats shall only show the resolved boundary lines and current ownership.

Project Control

The Surveyor shall establish horizontal & vertical control including a minimum of 3 points within the survey project limits for the purposes of completing this Work Authorization. The survey control points will be set in locations that will likely be undisturbed by construction or maintenance. The project control will be placed on horizontal & vertical datum's [NAD83/2011/NAVD88 values (Texas Coordinate System, Central Zone)] with a scale factor of 1.00012 or as provided by the county. Elevations will be derived from GPS

observations using Geoid 2018 model. Secondary control points will be set throughout the project corridors as needed to complete the scope of work.

Boundary Survey

- I. Upon notice to proceed, the Surveyor will conduct research at the Williamson County Appraisal District/County Clerk's Office in order to obtain the most recent plat & right-of-way information. The Surveyor will recover ROW monuments and property corners marking the boundaries of the subject properties. Utilizing the records research and data collected from the field survey, the Surveyor shall determine the existing ROW lines and the side property lines of the subject properties. These lines shall be depicted in a boundary base map along with current ownership information.

DOCUMENT PREPARATION

- II. Utilizing the boundary base map, the Surveyor shall create a survey plat and metes and bounds description for the subject property.

Project Deliverables

- 2D Boundary Base map
- Survey Plat & Metes & Bounds Description for both areas to be surveyed (PDF signed/sealed by an RPLS)
- PDF Field Book copies
- ASCII file of points
- Photos

ADDITIONAL SERVICES - In addition to the services described in the foregoing Scope of Services, the SURVEYOR can provide additional services if requested by Williamson County, on a time and materials basis, after submittal of an estimated budget and receipt of written authorization. These additional services could include, but are not limited to, the following:

- ROW surveying and mapping services beyond that scoped herein
- Replacement of any missing control monumentation
- Subsurface Utility Engineering services.
- Additional surveying to support engineering and or architectural design, beyond the scope described herein.
- Obtaining permission to access adjoining properties.
- Providing construction surveying or layout services
- Safeguarding or maintenance of control or benchmarks during construction.

**ATTACHMENT C
WORK SCHEDULE**

Project: WA # 10 Corridor F Boundary Survey
Proposal Number: 1019052774L

WORK SCHEDULE	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
	8/28/2023	9/4/2023	9/11/2023	9/18/2023	9/25/2023	10/2/2023
RECORDS RESEARCH						
FIELD SURVEYS						
BOUNDARY ANALYSIS/DOCUMENT PREPARATION						
FINAL DELIVERABLES						
WILLIAMSON COUNTY REVIEW						

**ATTACHMENT D
FEE SCHEDULE**

Project: WA # 10 Corridor F Boundary Survey
 Proposal Number: 1019052774L

LABOR COSTS TASK DESCRIPTIONS	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
Records Research		2		4	2					\$956.00
Field Surveys		2		6	8	35		2		\$7,399.00
Boundary Analysis/Document Preparation	2	6		10	20					\$4,380.00
FINAL DELIVERABLES	1	2		2	2					\$916.00
TOTAL HOURS	3	12	0	22	32	35	0	2	0	106
CONTRACT RATE PER HOUR	\$180.00	\$160.00	\$135.00	\$110.00	\$98.00	\$155.00	\$195.00	\$105.00	\$75.00	
SUBTOTAL LABOR COSTS	\$540.00	\$1,920.00	\$0.00	\$2,420.00	\$3,136.00	\$5,425.00	\$0.00	\$210.00	\$0.00	\$13,651.00

OTHER DIRECT EXPENSES	# OF UNITS	COST/UNIT								TOTAL COST
MILEAGE (NUMBER x CURRENT STATE RATE)	400	\$0.655								\$262.00
GPS RECEIVER	40	\$25.00								\$1,000.00
SUBTOTAL DIRECT EXPENSES										\$1,262.00

SUMMARY	
LABOR COSTS	\$13,651.00
NON-SALARY (OTHER DIRECT EXPENSES)	\$1,262.00
TOTAL SAM SURVEY	\$14,913.00