

**WORK AUTHORIZATION NO. 3**  
**PROJECT: Williamson County Expo Center Survey Services**

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Surveying Services, being dated **February 26, 2015** 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 **\$10,000.00**.

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 the date of final acceptance and full execution of the parties hereto and shall terminate on **September 30, 2019**. 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.

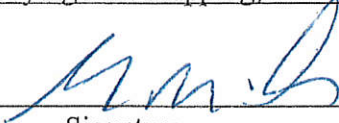
Part 6. County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Work Authorization. Surveyor understands and agrees that County's payment of amounts under this Work Authorization is contingent on the County receiving appropriations or other 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 23<sup>rd</sup> day of January, 2019.

SURVEYOR:

Surveying And Mapping, LLC


By:   
Signature

GORDON N. ANDERSON  
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 County

Williamson County will provide project management.

Attachment B - Services to be Provided by Surveyor



SAM, LLC

4801 Southwest Parkway, Bldg. Two, Suite 100, Austin, TX 78735

Ofc 512.447.0575 Fax 512.326.3029

info@sam.biz www.sam.biz TBPLS # 10064300

Via Email: DGossett@wilco.org

December 4, 2019

Mr. Dwayne Gossett.  
Department of Infrastructure  
Williamson County Road & Bridge  
3151 S.E. Inner Loop, Suite B  
Georgetown, TX 78626

**Re: Williamson County – Wilco Expo Pavillion Topographic Surveys  
SAM Proposal No. 1019047417**

Dear Dwayne:

As we discussed please find attached our proposal for Professional Surveying Services. This proposal is based upon the information provided to us and includes those services required to provide Topographic Surveys at the Williamson County Expo Pavillian, Texas. We are proposing to execute this work under the terms and conditions of the Master Services Agreement between Surveying And Mapping, LLC and Williamson County, Texas dated February 26, 2015.

After you have reviewed the proposal, please give me a call if you have any questions. We can begin the survey immediately upon your written authorization to proceed.

Sincerely yours,  
SURVEYING AND MAPPING, LLC (SAM)

A handwritten signature in black ink, appearing to read "G. N. Anderson".

Gordon N. Anderson, RPLS  
Sr. Project Manager

Cc: Scott Brashear, RPLS



**SCOPE OF SERVICES AND FEE  
WILLIAMSON COUNTY – WILCO EXPO PAVILLION TOPOGRAPHIC SURVEYS**

**PROJECT OVERVIEW**

Surveying and Mapping, LLC (SAM) will provide professional surveying services to Williamson County (Client) relating to the Wilco Expo Pavillion site in Texas. The four (4) areas to be surveyed are outlined in red in figure 1.





## ASSUMPTIONS

Survey will be performed in accordance with the attached Survey Scope of Work, with the following assumptions. If these assumptions do not prove correct, it may require the negotiation of a supplemental agreement:

- Horizontal Datum and basis of bearings will be Texas Coordinate System, Central Zone (4205), NAD 83, and units will be U.S. Survey Feet, as derived from GPS observations and/or existing survey control in the immediate vicinity.
- Vertical Datum will be the North American Vertical Datum of 1988 (NAVD88) and units will be in U.S. Survey Feet, as derived from GPS observations and calculated using Geoid 12B, and/or existing survey control in the immediate vicinity.
- Unimpeded access to the property will be provided. Any locked gates will be made accessible to our field crews. Assumption is made that there are no delays accessing the property that would hamper our work.
- Utility investigation will be limited to 811 notification and surveyed locations of visible evidence and above-ground appurtenances. Subsurface Utility Investigation is not a part of this scope.
- Sufficient existing monuments marking the control exist and can be found in good condition.
- Only the features in the immediate vicinity of the above project limits will be located.
- Survey Control information will be provided on the final deliverable and not as a separate document, for that portion within the immediate vicinity of the of the above project limits.
- These services described herein are for intended for design purposes only and do not include those services which may be required during construction of future improvements.

## TOPOGRAPHIC SURVEY

Topographic information will be collected within the limits of each area:

- All visible aboveground utilities shall be located.
- All manholes shall be located with flowline elevation information and rim elevations.
- All water valves shall have elevations taken on the top of the nut within the valve box.
- Benchmarks shall not be set and existing control monuments are intended to be used as site benchmarks for this project.
- Surveyor shall obtain sufficient break lines and spot elevations sufficient to produce a digital terrain model depicting one-foot contours.
- Those stand-alone trees within the survey limits greater than 8" in diameter will surveyed, measured, tagged and documented with the type (using common names) and size of tree.
- In areas of thick vegetation, no individual trees will be located, however the edge of vegetation will be depicted.

## ADDITIONAL ITEMS NEEDED (SITE SPECIFIC):

1. Location of irrigation meters.



2. Area around Penning Building including:
  - a. Grade beam elevation,
  - b. West side wash rack elevations, and
  - c. Area from west side of Penning Building around to the west concession stand.
3. Area around proposed east concession stand including:
  - a. Sidewalk and finished grade elevations,
  - b. Visible utility locations, and
  - c. Flow lines of wastewater cleanouts.
4. Area around north end of detention pond including:
  - a. Top of pond,
  - b. North slope of pond,
  - c. Water surface, and
  - d. Bottom of pond.

### **PROJECT DELIVERABLES**

Deliverables to Client will consist of the following for each site:

- PDF files of signed and sealed prints
- Autodesk Civil3D 2015 drawing file including a Digital Terrain Model
- Autodesk AutoCAD 2015 drawing file, with 3D graphic objects
- ASCII file of points

### **FEE**

These professional services will be performed according to the following estimated fees:

#### **Topographic Surveys**

\$7,938.00

### **SCHEDULE**

Delivery of final survey will be made within 15 business days following Notice to Proceed.

### **ADDITIONAL SERVICES**

In addition to the services outlined above, SAM will provide additional services as requested by the Client on a time and materials basis, based upon the attached Hourly Rate Schedule. A scope of work and estimated fee will be provided in writing prior to SAM proceeding with any additional service. These additional services include but are not limited to the following:

- 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

All work shall be completed as soon as practical.

Attachment D - Fee Schedule

