

**SUPPLEMENTAL WORK AUTHORIZATION NO. 2
TO
WORK AUTHORIZATION NO. 2
WILLIAMSON COUNTY PROJECT: Survey services for CR 225**

This Supplemental Work Authorization No. 1 to Work Authorization No. 2 is made pursuant to the terms and conditions of the Williamson County Contract for Surveying Services, being dated **February 18, 2015** ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and **Walker Texas Surveyors, Inc.** (the "Surveyor").

WHEREAS, the County and the Surveyor executed Work Authorization No. 2 dated effective **March 29, 2016** (the "Work Authorization");

WHEREAS, pursuant to the Contract, amendments, changes and modifications to a fully executed Work Authorization shall be made in the form of a Supplemental Work Authorization; and

WHEREAS, it has become necessary to amend, change and modify the Work Authorization.

AGREEMENT

NOW, THEREFORE, premises considered, the County and the Surveyor agree that the Work Authorization shall be amended, changed and modified as follows:

- I. The Work Authorization shall terminate on **September 30, 2017**. The Services to be Provided by the Surveyor shall be fully completed on or before said date unless extended by an additional Supplemental Work Authorization. The revised Work Schedule is attached hereto as Attachment "C" (must be attached).

County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Supplemental Work Authorization. Surveyor understands and agrees that County's payment of amounts under this Supplemental 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 the Supplemental Work Authorization. It is further understood and agreed by Surveyor that County shall have the right to terminate this Supplemental Work Authorization 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.

Except as otherwise amended by prior or future Supplemental Work Authorizations, all other terms of the Work Authorization are unchanged and will remain in full force and effect.

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

IN WITNESS WHEREOF, the County and the Surveyor have executed this Supplemental Work Authorization, in duplicate, to be effective as of the date of the last party's execution below.

EXECUTED this 13th day of September, 2016.

SURVEYOR:

Walker Texas Surveyors, Inc.

By: Karen J. Walker

Signature

Karen J. Walker

Printed Name

President

Title

COUNTY:

Williamson County, Texas

By: [Signature]

Signature

DAVID A. GRIFFIN

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 PROVIDED BY THE COUNTY

1. Provide the specification requirements for all surveys
2. Provide timely reviews and decisions necessary to enable the Surveyor to maintain an agreed upon project schedule as developed in attached Attachment C.
3. Designate a project manager to serve as the Counties point of contact with the Surveyor.
4. Provide Aluminum caps for Iron Rods, if applicable.
5. Provide Brass Disc's for flush mount ROW markers, if applicable.

ATTACHMENT B - SERVICES PROVIDED BY THE SURVEYOR

SCOPE OF SERVICES AND FEE ESTIMATE

DETAILED LIMITS OF PROJECT: CR 225 Parcel across Reed and Smith property located in Florence Texas. One (1) Acquisition Parcels: One (1) Parcel across Smith owned property and One (1) Parcel across South end extension of Reed owned property. Walker Texas Surveyors, Inc. (WTS) proposes to provide the following surveying services to Williamson County, Texas

- All below tasks are in addition to the previous WA Number 2.
- Provide Design Topographic of the Southerly extension of the Reed property.
- Create One (1) Right-of-Way (ROW) Parcel Exhibit. Being over the southern portion of the Cecil D. Reed property (existing fence line to fence line).
- Provide (1) ROW Parcel over and across the James Smith property along the existing caliche road outlined on attached Exhibit A.

RIGHT-OF-ENTRY (ROE)

- WTS will continue to operate and remain in contact with private land owners per previous ROE conditions. Any communication or correspondence denying access will be forwarded to Wilco Trans Engineers office (Wilco) for optional efforts or resolution.

HORIZONTAL and VERTICAL CONTROL

- Walker Texas Surveyors (WTS) will extend previously established Control Monuments from WA#2. These points are rectified to Texas State Plane, Central Zone Coordinate System (NAD 83) for Horizontal and Vertical will be rectified to NAVD 88 adjustment for this project unless otherwise requested.
- Four additional (4) Primary Control Monuments will be established.

DEED PLOT / WORKING SKETCH

- WTS will expand research the Wilco Deed records to create a working sketch and deed plot of subject tract and Direct adjoiners.

TOPOGRAPHIC FIELD SURVEY

- WTS will densify the previously established Primary Control, as needed to complete this scope of services, by utilizing Network GPS, Robotic and /or Conventional traversing methods.

- Design Topographic Survey will be 100 foot wide maximum and include spot elevations and break lines sufficient to generate 1' contour intervals within the project. The point cloud will extend outside the surveyed area in order to insure accuracy of the contours.
- Bridges will be detailed along with any concrete structures associated with the drainage structure itself. Digital photos will be taken of each end of the culvert and will be provided as part of the deliverables.
- All visible and observable utilities will be located within the 100 foot wide Design Topographic corridor. Other than stated above, no utility records research by WTS is being included in this proposal.
- Locate any driveways and/or streets within the project area.
- New ROW Monuments will be set per above. Unknown however anticipated not to exceed thirty (30).
- WTS will quality check the project using the final 2D and 3D maps to insure accuracy and completeness.

PRODUCTION OF SURVEY DELIVERABLES

- Parcel, Exhibits (Sketch and Legal Descriptions) will be prepared per Wilco direction. Two (2) Parcels total are anticipated.
- WTS will prepare all digital deliverables in Microstation and Geopak for the TIN (surface) Survey field notes and supporting electronic data will be made available upon request or as stated above.
- WTS will deliver the specified files stated above after the completion of this project.
- WTS will deliver 2 copies of signed and sealed Legal descriptions and sketch exhibits to Wilco and their agents upon completion.

ATTACHMENT C

WORK SCHEDULE

Work schedules will be developed prior to Notice-to-Proceed (NTP) and submitted to the County in the form of a Memorandum of Understanding. Should the schedule be acceptable, a written NTP will be delivered to Surveyor.

Anticipated NTP: Upon receipt of executed agreement between the County and Surveyor

Anticipated Field Start: Immediately upon NTP and ROE approval

Anticipated Delivery on or before: 2 to 3 weeks after NTP or per needs of project as coordinated by the Surveyor

Anticipated Delivery of Parcel Exhibits: 2 Weeks after final approval of Alignment from the County NTP

ATTACHMENT D

FEE SCHEDULE

See attached sheet.

RATE SCHEDULE

HOURLY RATES – Walker Texas Surveyors

Classification	Rates
RPLS	\$130.00 per hour
Project Manager	\$145.00 per hour
Survey Technician	\$85.00 per hour
GPS Data Processing	\$85.00 per hour
CAD Draftsman	\$75.00 per hour
Research	\$60.00 per hour
Administrative	\$60.00 per hour
Expert Witness/Testimony/Deposition Services	\$1,000.00 per day
One (1) Person Field Crew with Robotic	\$120.00 per hour
Two (2) Person Field Crew Conventional or GPS	\$150.00 per hour
Additional Crewmember	\$35.00 per hour
GPS Receiver (unmanned)	\$30.00 per hour
Extra Vehicle, Flat Bottom Boat, 4 Wheeler	\$100.00 per day
 Direct Expenses	
Transportation:	
By Firm's Passenger Vehicles (Note 1)	IRS Rate
By Firm's Survey Trucks (Notes 1, 2, 3, & 4)	
Subsistence of out-of-city work	\$150.00 min. per day per person based on cost
Reproduction and Printing by Firm, Survey Stakes, Lathes, Iron Rods and other Direct Expenses	Cost

Notes:

1. A mileage charge will be billed for projects exceeding a 50-mile radius of the base office only.
2. Field Party rates include conventional equipment, supplies and survey vehicles. Abnormal use of stakes, lathes, etc., used such as during the construction phase of a project will be charged as indicated.
3. A minimum of two hours field party time charge will be made for show-up time and return to office, resulting from inclement weather conditions, etc.
4. Field Crew stand-by time will be charged for at the above-shown appropriate rates.