

WORK AUTHORIZATION

WORK AUTHORIZATION NO. 4

PROJECT: CR 201 FROM CR 200 TO APPROXIMATE 1,100 FEET NORTH OF UMBRELLA SKY

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 Diamond Surveying (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 \$110,460.00.

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 May 31, 2022. 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 25th day of May, 2021.

SURVEYOR:

Diamond Surveying

By: Shane Shafer

Signature

SHANE SHAFER

Printed Name

PRESIDENT

Title

COUNTY:

Williamson County, Texas

By: Bill Gravell Jr.

Signature

Bill Gravell Jr.

Printed Name

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 - Rate Schedule

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5/14/2021

Attachment A

Services to be Provided by County

- A. Provide the specifications requirements for all surveys.
- B. Provide timely reviews and decisions necessary to enable the Surveyor to maintain an agreed upon project schedule as developed in attached Exhibit C.
- C. Provide aluminum caps for iron rods, if applicable.
- D. Provide brass caps for flush mount ROW markers, if applicable.

Attachment B

Services to be Provided by Surveyor:

The following scope of services is for a route topographic and tree survey. Limits from intersection of CR 201 and CR 200 along CR 200 to approximately 1,100 feet north of the intersection of CR 201 and Umbrella Sky (total length approximately 10,800 feet) and being five (5) feet outside existing and proposed right-of-way lines both sides of CR 201. Additionally, 100 feet along Umbrella Sky, Phillip Lane, Quarry Bluff Cove and 100 feet north and south along CR 200 from the intersections of CR 201.

1. Perform office and field work necessary to recover existing horizontal survey control points for the Project. Bearing Basis: NAD-83, Texas Central (4203), State Plane System. Coordinates for this Project are Surface based on a Combined Surface Adjustment Factor of 1.00015. Establish elevations on existing survey control points per conventional level loop methods. Vertical Datum: NAVD-88 (Geoid 2012A). And for a route topographic survey (cross sections approximately every 75 feet) and tree survey (locate trees 8" in diameter or larger (no cedars). Field work to locate visible above ground utilities to include contacting Utility One-Call (811 Digtess) to mark underground utilities – field locate pin flags/paint stripes as marked in the field by utility locate companies. Take sufficient ground shots to produce one (1) foot contours. Office work to analyze, process survey data.
2. Right-of-Entry: Perform office work necessary to research Williamson Central Appraisal District for current landowners along the route for approximate sixty (60) Parcels within the limits of the proposed right-of-way. Prepare and mail letters to landowners seeking permission to access private property. (A standard form/letter to be provided by Williamson County or Williamson County Attorney to the Surveyor). Surveyor shall manage right-of-entry responses from landowners, prepare and update report of status of right-of-entries as received.
3. Supervise and quality control all aspects of project. Check field and office work for accuracy and completeness. Maintain communication with Client, including Engineers, Landowners and Attorneys. Attend meetings if requested.

Attachment C
Work Schedule

Work shall begin immediately upon receipt of executed agreement between County and Surveyor and Notice to Proceed from County.

Schedule for performing survey services on private property will be based on Right-of-Entry responses.

Attachment D

Rate Schedule

◊ *Diamond Surveying, Inc.*
SHANE SHAFER, R.P.L.S., PRESIDENT
116 SKYLINE ROAD, GEORGETOWN, TX 78628
OFFICE: (512) 931-3100
T.B.P.L.S. Firm No. 10006900

STANDARD RATE SCHEDULE

Effective January 1, 2020, the following rates apply to work performed on a hourly-charge basis.
DIRECT LABOR

OFFICE PERSONNEL SERVICES

<u>Classification</u>	<u>Rates</u>
Registered Professional Land Surveyor.....	\$160.00 per hour
Project Manager.....	\$140.00 per hour
Project Surveyor.....	\$110.00 per hour
Senior CADD Technician.....	\$125.00 per hour

FIELD PARTY SERVICES

<u>Classification</u>	<u>Rates</u>
1-Man Field Party.....	\$120.00 per hour
2-Man Field Party.....	\$160.00 per hour
3-Man Field Party.....	\$190.00 per hour

Notes:

Field Party rates include conventional equipment, supplies and survey vehicles. Excessive use of stakes, lathes, etc., will be charged at cost.

A minimum of two (2) hours field party time charge will be made for show-up time and return to office, resulting from inclement weather conditions, etc.

Field Party stand-by time will be charged at the above-shown appropriate rates.

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". Surveyor 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 Surveyor fails to request a CPI rate adjustment, as set forth herein, the adjustment will be effective thirty (30) days after the County receives Surveyor'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.

Basis of Estimate for Items listed in Attachment B

Attachment D, Continued Basis of Estimate

Schedule B Item No. 1: Route Topographic, Tree Survey, Utility one-call

Item	Description	Classification	Quantity	Units	Unit Rate	Subtotal	
1	Perform topographic and tree survey	3-Man Field Party	264	Hours	\$190.00	\$50,160.00	
2	Analyze, Process Field Work	Sr. CADD Tech	160	Hours	\$125.00	\$20,000.00	Subtotal \$70,160.00

Schedule B Item No. 2 Right-of-Entry

Item	Description	Classification	Quantity	Units	Unit Rate	Subtotal	
1	Research Current Landowner WCAD (60 Parcels) and prepare ROE letters	Sr. CADD Tech	60	Hours	\$125.00	\$7,500.00	
2	Manage Right-of-Entries (60 Parcels)	Project Manager	180	Hours	\$140.00	\$25,200.00	Subtotal \$32,700.00

Schedule B Item No. 3: Maintain Communication With Client Including Engineer(s), Land Owner(s), And Attorney(s) Attend Meetings As Requested

Item	Description	Classification	Quantity	Units	Unit Rate	Subtotal	
1	Attend meetings as requested, Quality Control	R.P.L.S.	16	Hours	\$160.00	\$2,560.00	
2	Attend meetings as requested, Quality Control	Project Manager	36	Hours	\$140.00	\$5,040.00	Subtotal \$7,600.00

Total Amount: \$110,460.00