

WORK AUTHORIZATION NO. 3

PROJECT: VARIOUS COUNTY ROADS-SURVEY EDGE OF PAVEMENT

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Surveying Services, being dated **February 18, 2015** and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and **Diamond Surveying, Inc.** (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 **\$32,120.00**.

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, 2016**. 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 29 day of March, 2016.

SURVEYOR:

Diamond Surveying, Inc.

By: 
Signature

Shane Shafer
Printed Name

President
Title

COUNTY:

Williamson County, Texas

By: 
Signature

Dan A. Gattis
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

- 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 the attachment.
- C. Provide a single point of contact, to be identified upon Notice to Proceed.
- D. Provide aluminum caps for iron rods, for survey control points.

Attachment B
Services to be Provided by Surveyor

County Roads to be surveyed for edge of pavement, both sides, shots at 100 foot intervals. Total is approximately 19 miles, 15 locations.

1. Travel to site and set SURVEYOR WORKING signs at both ends of work area. Perform field work to set a minimum of two (2) control points for each County Road location. Coordinates shall be based on Texas State Plane System, grid values and North American Vertical Datum GEOID 2012 A.
2. Perform field work to obtain edge of pavement elevations and coordinates at 100' intervals.
3. Perform office work to produce Micro Station electronic drawing and ASCII electronic point file for each County Road location.
4. Supervise and quality control all aspects of project. Maintain communication with Client. Attend meetings if requested.

List of County Roads to be surveyed in order:

County Road	Limits	Length (ft)
CR 451	from CR 455 to CR 450	20,406
East CR 366	from N. CR 366 to East	646
North CR 366	from SH 29 to E. CR 366	7,914
CR 197	from West end to CR 137	4,164
Len Bar Ln	from CR 270 to East	740
Christopher Ln	from CR 270 to East	1,484
King Ln	from Christopher Ln to East end	1,300
Spring Valley	from Southcross Rd to Country Club Rd	2,542
CR 370	from West end to Elbow (city limit of Jarrel)	2,530
CR 493	from CR 361 to Cr 428	6,510
CR 345	from CR 346 to CR 347	11,522
CR 363	from CR 360 to county line, from county line to CR 361	18,038
CR 429	from CR 428 to FM 1331	9,546
CR 389	from CR 348 to East end	7,242
CR 375	from CR 314 to CR 311	5,266
	TOTAL	99,850

Attachment C
Work Schedule

Work shall begin immediately upon receipt of executed agreement between County and Surveyor and Notice to Proceed from County. Delivery of survey data will begin within two weeks of authorization to proceed. Data will continue to be delivered as completed in the order listed in Attachment B. All surveys are anticipated to be completed and delivered within 3 months of Authorization to Proceed

Attachment D
Rate Schedule

Diamond Surveying, Inc.
116 SKYLINE ROAD, GEORGETOWN, TX 78628
OFFICE: (512) 931-3100

STANDARD RATE SCHEDULE

Effective January 1, 2010, 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.....	\$120.00 per hour
R.P.L.S. as expert witness.....	\$165.00 per hour
Project Surveyor.....	\$100.00 per hour
GPS Processor.....	\$100.00 per hour
Survey Technician.....	\$95.00 per hour
Secretary.....	\$60.00 per hour

FIELD PARTY SERVICES

<u>Classification</u>	<u>Rates</u>
1-Man Field Party.....	\$110.00 per hour
2-Man Field Party.....	\$140.00 per hour
3-Man Field Party.....	\$160.00 per hour
4-Man Field Party.....	\$180.00 per hour
Charges for special equipment:	
GPS Field Base Unit with Rover (R.T.K.)	\$80.00 per hour
Additional Rover (R.T.K.)	\$70.00 per hour
GPS Field Base Unit for Static Session	\$70.00 per hour
Robotic Total Station with Rover	\$80.00 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.

Schedule B Item No. 1: Set survey control

Item	Description	Classification	Quantity	Units	Unit Rate	Subtotal		
1	Travel to site and set SURVEYOR WORKING signs at both ends of work area. Perform field work to set a minimum of two (2) control points for each County Road location. Coordinates shall be based on Texas State Plane System, grid values and North American Vertical Datum GEOID 12 A.	2 Man Field Crew	30	Hours	\$140.00	\$4,200.00	Subtotal	\$4,200.00

Schedule B Item No. 2: Perform edge of pavement surveys

Item	Description	Classification	Quantity	Units	Unit Rate	Subtotal		
1	Perform field work to obtain edge of pavement elevations and coordinates at 100' intervals.	2 Man Field Crew	133	Hours	\$140.00	\$18,620.00	Subtotal	\$18,620.00

Schedule B Item No. 3: Provide electronic CAD and point files

Item	Description	Classification	Quantity	Units	Unit Rate	Subtotal		
1	Perform office work to produce Micro Station electronic drawing and ASCII electronic point file for each County Road location.	Survey Tech	60	Hours	\$95.00	\$5,700.00	Subtotal	\$5,700.00

Schedule B Item No. 4: Supervise And Quality Control All Aspects Of Project

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	Supervise and Quality Control All Aspects of Project	R.P.L.S.	30	Hours	\$120.00	\$3,600.00	Subtotal	\$3,600.00

Total	\$32,120.00
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