

P. O. Box 324
Cedar Park, Texas 78630-0324
TBPLS Firm Number 10103800

April 26, 2022

Mr. Randy Ehresman, PE
Williamson County Road Bond Program, HNTB Corporation
101 East Old Settlers Boulevard, Suite 100, Round Rock, TX 78664

PSA: HNTB Surveying Services For Road & Bridge SWA #2 to WA #3

HIGHWAY: CR 255 Topo

LIMITS: Proposed ROW Topo per attached map (Exhibit E) along CR 255 (approximately 16000 Centerline Linier Feet) from Ronald W. Reagan to CR 254 including 100' each roadway direction at tie in's (approx. 16000 Centerline LF)..

Mr. Ehresman,

Walker Texas Surveyors, Inc. (WTS) is pleased to submit this proposal to your office for Professional Land Surveying Services to produce Topographic and Parcel acquisition Exhibits that are necessary to complete the referenced project in Williamson County, Texas.

We propose to complete this project on a time and materials basis in accordance with our existing contract with Williamson County. We will begin work immediately upon notice to proceed from your office per the details herein.

This proposal was developed using information provided (right-of-way maps, digital files, etc.) that we have on file, information that we received from you and various other sources, as well as our visit to the project site.

WTS will deliver the digital files, survey data files and hard copies of the survey, as described in this proposal, within budgeted time frame agreed upon in attached Exhibit C.

Thank you for the opportunity to provide this proposal and fee estimate. Please contact me with any questions or comments you may have.

Sincerely,

A handwritten signature in red ink, appearing to read "C. Walker", is written over the word "Sincerely,".

Charles G. Walker
Registered Professional Land Surveyor

SUPPLEMENTAL WORK AUTHORIZATION NO. 2
TO
WORK AUTHORIZATION NO. 3

**WILLIAMSON COUNTY ROAD AND BRIDGE PROJECT:
CR 255/CR 289 (CR254 to Ronald Reagan Blvd.) Survey**

This Supplemental Work Authorization No. 2 to Work Authorization No. 3 is made pursuant to the terms and conditions of the Williamson County Contract for Surveying Services, being dated May 19, 2020 ("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 "Firm").

WHEREAS, the County and the Firm executed Supplemental Work Authorization No. 1 to Work Authorization No. 3 dated effective June 8, 2021 (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 Firm agree that the Work Authorization shall be amended, changed and modified as follows:

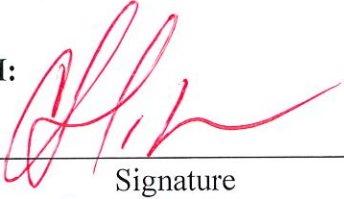
- I. The Services to be Provided by the Firm that were set out in the original Attachment "B" of the Work Authorization are hereby amended, changed and modified as shown in the attached revised Attachment "B" (must be attached).
- II. The maximum amount payable for services under the Work Authorization is hereby decreased from \$79,225.00 to \$68,130.00. The revised Fee Schedule is attached hereto as Attachment "D" (must be attached).

County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Supplemental Work Authorization. Firm 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 Firm 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 Firm.

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 Firm have executed this Supplemental Work Authorization, in duplicate, to be effective as of the date of the last party's execution below.

FIRM:
By: 
Signature
Charles G. Walker
Printed Name
Vice Pres
Title
4/26/22
Date

COUNTY:
By: _____
Signature

Bill Gravell, Jr.
Printed Name

Williamson County Judge
Title

Date

LIST OF ATTACHMENTS

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Firm

Attachment C - Work Schedule

Attachment D - Fee Schedule

ATTACHMENT A

SERVICES PROVIDED BY THE COUNTY

1. Provide the specification requirements for all surveys and provide CAD file with proposed centerline of proposed ROW alignment as well as anticipated Parcels to be acquired.
2. Provide timely reviews and decisions necessary to enable the Surveyor to maintain an agreed upon project schedule as developed in attached Exhibit 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

CR 255/CR 289, WILLIAMSON COUNTY, TEXAS – DESIGN TOPOGRAPHIC SURVEY

DETAILED LIMITS OF PROJECT: Walker Texas Surveyors, Inc. (WTS) proposes to provide the following surveying services to Williamson County, Texas

- Proposed ROW Topo along CR 255 from Ronald W. Reagan to CR 254 including 100' each direction at tie in's.

RIGHT-OF-ENTRY (ROE)

- No ROE tasks are included in this scope of services and WTS will coordinate with project manager for access details.

HORIZONTAL and VERTICAL CONTROL

- Walker Texas Surveyors (WTS) will rectify to existing survey control performed previously by WTS. WTS will expand and increase as needed to acquire necessary data. (6 TO 8 total monuments expected)
- Walker Texas Surveyors (WTS) will report in State Plane Coordinate System, Central Zone NAD 83 for Horizontal and NAVD 88 (Geoid 2018) for Vertical.
- One pair of Project Control Points will be set on each end of the project and placed in a position that will best insure long term survival. If ground conditions will not allow for standard utilized monumentation WTS will opt for another suitable monument that will be permanent in nature and acceptable to project manager. Additional points may be set along project corridor (as needed).
- Establish Aerial Ground Control Targets for LiDAR and Photo Drone operations. Expect 20 to 32 along project corridor.

FIELD SURVEY – TOPOGRAPHIC SURVEY

- WTS will densify the previously established Primary Control, as needed to complete this scope of services, by utilizing Network GPS, RTK GPS, Robotic and Conventional surveying methods.
- WTS will establish proposed ROW along the project roadway per CAD alignment info as provided by Wilco project manager to relate all topographic data. Any problems encountered in establishing and/or associating this data will be immediately brought to the attention of Wilco project manager for other solutions.
- WTS will establish about 30 Aerial Ground Targets prior to Flight Ops for Drone Control.

ATTACHMENT B (Continued)

SERVICES PROVIDED BY THE SURVEYOR

- Topographic Survey will include surface produced by Aerial based LiDAR and Photogrammetry methods as well as perform spot elevations and ground data sufficient to generate 1' contour intervals within the project limits. The data point cloud will extend 25' outside the proposed ROW in order to insure accuracy of the contours.
- Locate any visible culverts, utilities within the site including inverts (flow lines) of accessible (unbolted) Storm Sewer, Wastewater manholes and all observed utility apparatus is located within the site. Digital photos of any unique and/or non-typical apparatus will be provided as part of the deliverables. No utility research is included.
- Locate all driveways and/or streets within the limits of the project area.
- No trees are included in this task however, any notable trees observed will be brought to the attention of the project manager.
- WTS will quality check the project using LiDAR/Photogrammetry results, conventional field survey, published LiDAR as well as other reliable sources to insure accuracy and completeness.
- WTS will provide project manager with report weekly with project progress.

PRODUCTION OF SURVEY DELIVERABLES

- WTS will use provided proposed ROW map providing the data collected along the Project corridor in the Field Survey to produce a digital AutoCAD dwg or MicroStation dgn and/or LandXML file(s) showing survey results along the current CR 255. Survey field notes and supporting electronic data will be made available upon request or as stated above.
- WTS will include the Primary Control Network callouts.
- WTS will deliver the specified files stated above upon completion of this project.

COMPENSATION

The above scope of services will be performed on a time and materials basis according to the contract rates and is estimated for a budget of **\$ 68,130.00** (detailed on the attached Exhibit D, Fee Spreadsheet). The stated budget will not be exceeded without prior written authorization.

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: **May 15, 2022**

Anticipated Field Start: **within 3 weeks of NTP**

Anticipated Delivery of Topographic Survey: **3 to 3.5 months from NTP**

Wilco Work Authorization for Surveying Services for Road & Bridge
 HNTB SWA#2 to WA#3 = WTS Project # 075054 CR 255
 CR 255 ROW Design Topo in Andice/Florence Area
 COUNTY: Williamson
 LIMITS: Along CR 255 Apx 16000' LF - Ronald Reagan Blve to CR 254

Walker Texas Surveyors, Inc.
 P. O. Box 324
 Cedar Park, TX 78630
 512/259-3361

EXHIBIT D
 FEE SCHEDULE

26-Apr-22

Service	2 Crew	3 Crew	1 Crew	Add Person	PM	RPLS	Field Cor	Sr Tech	CAD Tech	Admin	ATV	Subtotal	Reimburse	Total
Rate/Hr	175	220	130	45	175	150	120	120	90	75	150			
Rectify/Densify previous H&V State Plane Control as needed for Top	12		12			3		12		6	3			
Establish Aerial Drone Target Ground Control Points	8		16			3		6		2	3			
Subtotal	20	0	28	0	0	6	0	18	0	8	6			0
Total	3500	0	3640	0	0	900	0	2160	0	0	900	11700	0	11700
Fight ops for LiDAR and Photogrammetry by others w/WTS support			28		2	1		16		2	3			5500
Topo ROW w/point cloud extends 25' outside of Proposed ROW	40		60			6		33		6	25			
Subtotal	40	0	88	0	2	7	0	49	0	8	28			
Total	7000	0	11440	0	350	1050	0	5880	0	0	4200	30520	5500	36020
Prepare and deliver project in AutoCAD or MicroStation format						6		120		3				
QC survey and deliver via email			25					8		3	3			
Subtotal	0	0	25	0	0	6	0	128	0	6	3			0
Total	0	0	3250	0	0	900	0	15360	0	0	450	450	20410	0
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	10500	0	18330	0	350	2850	0	23400	0	0	1650	5550	62630	5500
Reimbursables:	0													