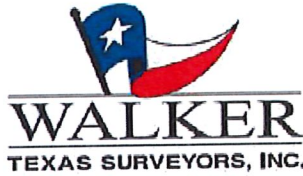


PSA: HNTB Surveying Services for Road Bond Program WA#3  
Project Name: CR 255 TOPO and ROW PARCEL EXHIBIT ACQUISITION



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

May 7, 2021

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 Bond Program WA # 3**

**HIGHWAY: CR 255 Topo and ROW Parcel Exhibits**

**LIMITS:** Proposed ROW Topo and Parcel acquisition 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 and up to 41 Parcels).

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,

Charles G. Walker  
Registered Professional Land Surveyor

**WORK AUTHORIZATION NO. 3**  
**PROJECT: CR 255 TOPO and ROW Parcel Exhibit Acquisition**

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 Walker Texas Surveyors, 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 \$194,370.00.

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 December 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 18<sup>TH</sup> day of May, 2021.

SURVEYOR:

Walker Texas Surveyors, Inc

COUNTY:

Williamson County, Texas

By: 

Signature

By: \_\_\_\_\_

Signature

Charles G. Walker

Printed Name

Bill Gravell, Jr.

Printed Name

Vice President

Title

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 - Fee Schedule

**ATTACHMENT A (continued)**

**SERVICES PROVIDED BY THE COUNTY**

1. Provide the specification requirements for all surveys and provide CAD file of supplied pdf (20201026\_CR255\_Exhibit.pdf) with proposed centerline of propose 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.

## **EXHIBIT B**

### **SERVICES PROVIDED BY THE SURVEYOR**

#### **SCOPE OF SERVICES AND FEE ESTIMATE CR 255, WILLIAMSON COUNTY, TEXAS – STAKE ROW AND PARCEL ACQUISITION**

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

- Proposed ROW Topo and Parcel acquisition per attached map (Exhibit E 20201026\_CR255\_Exhibit.pdf) along CR 255 from Ronald W. Reagan to CR 254 including 100' each direction at tie in's (approx. 16000 Centerline LF and up to 41 Parcels).).

#### **RIGHT-OF-ENTRY (ROE)**

- No ROE tasks are included in this scope of services and 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.
- Walker Texas Surveyors (WTS) will report in State Plane Coordinate System, Central Zone NAD 83 for Horizontal and NAVD 88 (Geoid 2019) 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 will be set along project corridor (up to 4 additional is expected).

#### **RESEARCH AND DEED PLOTS**

- WTS will expand previous Research and Deep Plotting efforts to identify subject properties adjoining ROW's. Each will be researched by acquiring information found of record per Williamson County Appraisal District and Williamson County Clerks office as well as other meta data available. If WTS is unable to acquire for any unforeseen reason, WTS will work with Williamson County project manager to plan alternative action.

## **EXHIBIT B (Continued)**

### **SERVICES PROVIDED BY THE SURVEYOR**

- WTS will prepare Deed Plots using above record data to use as a base map for project.

### **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.
- Topographic Survey will include spot elevations and break lines sufficient to generate 1' contour intervals within the project limits. The point cloud will extend minimally arm's length 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 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.

### **FIELD SURVEY – PARCEL EXHIBIT SURVEYS**

- All property corners needed to accurately establish the New ROW Parcel Acquisition will be located.
- WTS will produce an AutoCAD or MicroStation base working map of this project. This will be used to produce the Topographic and confirm identified Parcel Exhibits.

### **EXHIBIT B (Continued)**

#### **SERVICES PROVIDED BY THE SURVEYOR**

- Parcels Exhibits (Sketch, Metes and Bounds and Closure computation report for each) will be prepared per HNTB provided exhibit E map and CAD drawing of same. (41 are expected at this time.)
- All ROW Monuments will be set per above using 1/2" Iron Rods with plastic caps set at all PC's, PT's, angle points and at all property line intersections with proposed ROW. (85 to 95 are estimated.)
- Stake out of new ROW every 100' for fence construction, (16,000 LF x 2= 32,000 LF) for both sides of the roadway. ROW staking is expected to be performed upon request at completion of the ROW acquisition process.

#### **PRODUCTION OF SURVEY DELIVERABLES**

- WTS will prepare a ROW map utilizing the data collected along the Project corridor in the Field Survey to produce a digital AutoCAD, MicroStation dgn and/or LandXML file(s) showing survey results including monumentation and the current ROW line of CR 255. Survey field notes and supporting electronic data will be made available upon request or as stated above.
- WTS will prepare a horizontal layout exhibit which 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 **\$ 194,370.00** (detailed on the attached Exhibit D, Fee Spreadsheet). The stated budget will not be exceeded without prior written authorization.

## **EXHIBIT 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 30, 2021**

Anticipated Field Start: **within 2 weeks of NTP**

Anticipated Delivery of Topographic Survey: **4 months from NTP**

Anticipated Delivery of ROW maps, draft field notes and parcel sketches:  
**4 months from NTP of Approved Parcel configuration**

Anticipated Delivery of Final field notes/parcel sketches:  
**Expect within 5 to 7 weeks after receipt of draft revisions**

Stakeout for fence construction will be performed as requested.

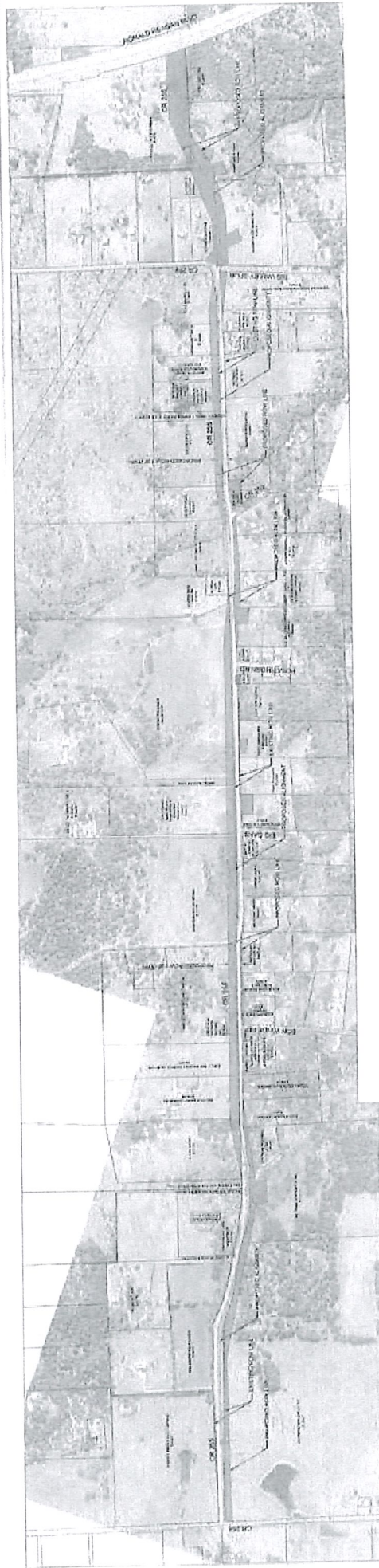
Wilco Work Authorization for Surveying Services for Road Bond Program  
 HNTB Road Bond WA # 3 = WTS Project # 075054 CR 255  
 CR 255 ROW Design Topo and Parcel Exhibits in Adice/Florence Area  
 COUNTY: Williamson  
 LIMITS: Along CR 255 Apx 16000' LF - Ronald Reagan Blvd to CR 254

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

EXHIBIT D  
 FEE SCHEDULE

| 7-May-21                                                                                                                  |         |        |        |        |            |     |       |           |         |          |       |       |          |           |        |
|---------------------------------------------------------------------------------------------------------------------------|---------|--------|--------|--------|------------|-----|-------|-----------|---------|----------|-------|-------|----------|-----------|--------|
|                                                                                                                           | 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/Density previous H&V State Plane Control as needed for Topo ROW w/point cloud extends 25' outside of Proposed ROW |         | 12     |        | 12     |            |     | 3     |           | 12      |          | 6     | 3     |          |           |        |
| Prepare and deliver project in AutoCAD or MicroStation format                                                             |         | 133    |        | 134    |            |     | 6     |           | 33      |          | 6     | 44    |          |           |        |
| QC survey and deliver via email                                                                                           |         |        |        | 25     |            |     | 6     |           | 120     |          | 3     | 3     |          |           |        |
| Subtotal                                                                                                                  |         | 145    | 0      | 171    | 0          | 0   | 15    | 0         | 171     | 0        | 18    | 50    | 79225    | 0         | 79225  |
| Total                                                                                                                     |         | 25375  | 0      | 22230  | 0          | 0   | 2250  | 0         | 20520   | 0        | 1350  | 7500  |          |           |        |
| Deed Pictx per appraisal records, update prior and expand                                                                 |         |        |        |        |            |     |       |           |         | 41       | 5     |       |          |           |        |
| Subtotal                                                                                                                  |         | 0      | 0      | 0      | 0          | 0   | 0     | 0         | 0       | 41       | 5     | 0     | 4065     | 0         | 4065   |
| Total                                                                                                                     |         | 0      | 0      | 0      | 0          | 0   | 0     | 0         | 0       | 3590     | 0     | 0     |          |           |        |
| Survey 41 Tracts                                                                                                          |         | 66     |        | 67     |            |     | 9     |           | 31      |          | 16    | 16    |          |           |        |
| Misc additional improvements located                                                                                      |         | 20     |        | 21     |            |     |       |           |         |          |       |       |          |           |        |
| Subtotal                                                                                                                  |         | 86     | 0      | 88     | 0          | 0   | 9     | 0         | 31      | 0        | 16    | 16    |          |           |        |
| Total                                                                                                                     |         | 16050  | 0      | 11440  | 0          | 0   | 1350  | 0         | 3720    | 0        | 1200  | 2400  | 35160    | 0         | 35160  |
| 41 Parcels Exhibits Draft                                                                                                 |         |        |        |        |            |     | 41    |           | 164     |          | 21    |       |          |           |        |
| 41 Parcels Exhibits Final                                                                                                 |         | 44     |        |        |            |     | 41    |           | 41      |          | 4     | 5     |          |           |        |
| 41 Parcel Corners Set                                                                                                     |         | 44     | 0      | 0      | 0          | 0   | 82    | 0         | 216     | 0        | 29    | 5     |          | 0         |        |
| Subtotal                                                                                                                  |         | 7700   | 0      | 0      | 0          | 0   | 12300 | 0         | 25920   | 0        | 2175  | 750   | 48845    | 0         | 48845  |
| Total                                                                                                                     |         |        |        |        |            |     |       |           |         |          |       |       |          |           |        |
| Stake New ROW every 100' approx 15300 LF x 2 (both sides)                                                                 |         | 123    |        |        |            |     | 8     |           | 15      |          | 4     | 15    |          |           |        |
| Subtotal                                                                                                                  |         | 123    | 0      | 0      | 0          | 0   | 8     | 0         | 15      | 0        | 4     | 15    | 0        |           | 27075  |
| Total                                                                                                                     |         | 21525  | 0      | 0      | 0          | 0   | 1200  | 0         | 1800    | 0        | 300   | 2250  | 27075    | 0         | 27075  |
| Grand Total                                                                                                               |         | 69650  | 0      | 33670  | 0          | 0   | 17100 | 0         | 51950   | 3590     | 5400  | 12900 | 194370   | 0         | 194370 |
| Reimburses:                                                                                                               |         | 0      |        |        |            |     |       |           |         |          |       |       |          |           |        |
|                                                                                                                           |         |        |        |        |            |     |       |           |         |          |       |       |          |           |        |
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|                                                                                                                           |         |        |        |        |            |     |       |           |         |          |       |       |          |           |        |

# Exhibit E CR 255



- LEGEND**
- PROPOSED ALIGNMENT
  - EXISTING ALIGNMENT
  - EXISTING PROPERTY LINE

