

SUPPLEMENTAL WORK AUTHORIZATION NO. 2
TO
WORK AUTHORIZATION NO. 1

WILLIAMSON COUNTY ROAD & BRIDGE PROJECT:
CR 201 (CR200 to Umbrella Sky) Phase 1

This Supplemental Work Authorization No. 2 to Work Authorization No. 1 is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated March 9, 2021 ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and WSB& Associates, Inc. (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. 1 dated effective June 8, 2021 (the "Work Authorization");

WHEREAS, pursuant to Article 14 of 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 Engineer agree that the Work Authorization shall be amended, changed and modified as follows:


- I. The Services to be Provided by the County that were set out in the original Attachment "A" of the Work Authorization are not changed.
- II. The Services to be Provided by the Engineer 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).
- III. The Work Authorization shall terminate on December 31, 2023. The Services to be Provided by the Engineer 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).
- IV. The maximum amount payable for services under the Work Authorization is hereby increased from \$144,075.00 to \$167,537.50. The revised Fee Schedule is attached hereto as Attachment "D" (must be attached).

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

ENGINEER:



By: _____
Signature

Daniel A. Rogers
Printed Name

Principal
Title

9/20/2023
Date

COUNTY:


By: Bill Gravell (Oct 4, 2023 07:48 CDT)
Signature

Bill Gravell
Printed Name

County Judge
Title

Oct 4, 2023
Date

LIST OF ATTACHMENTS

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

ATTACHMENT B
SERVICES TO BE PROVIDED BY THE ENGINEER FOR
CR 201

PROJECT DESCRIPTION

Project Limits

The project limits are from approximately 1100 ft north of Umbrella Skyway to CR 200 for approximately 2.0 miles.

Existing Facility

Existing 2-lane roadway with asphalt pavement. The existing right of way varies from 40 ft to 100 ft.

Proposed Facility

Proposed interim 2-lane roadway with 2 ft shoulders of an ultimate median arterial divided 6-lane curbed section with a raised median. The proposed ROW minimum width of 136 ft, from the project limits mention above.

Design Criteria

The proposed design criteria for the project will be developed from Williamson County and TxDOT design criteria. It is anticipated that in most cases the most stringent of the design criteria will be used.

1. PROJECT MANAGEMENT

a. Communication:

- Designate one Licensed Professional Engineer (Texas) to be responsible for the project management, and all communications with the County and its representatives.

b. Monthly Progress Report, Invoices, and Billings (8 months assumed):

- Submit monthly progress status reports to the GEC. Progress reports will include deliverable table, tasks completed, tasks/objectives that are planned for the upcoming periods, lists or descriptions of items or decisions needed from the County and its representatives. Subconsultant progress will be incorporated into the monthly progress report. A copy of the monthly progress report will be uploaded to ProjectWise.
- Prepare correspondence, invoices, and progress reports on a monthly basis in accordance with current County requirements.

c. Quality Assurance and Quality Control (QA/QC) Plan:

- No supplemental efforts required

d. Project Coordination & Administration:

- Prepare and maintain routine project record keeping including records of meetings and minutes.
- Correspondence and coordination will be handled through & with the concurrence of the GEC.
- Manage Project activities (including documenting emails, phone and conference calls, maintain project files for the length of the project, meeting agendas, meeting minutes, and

schedule meetings), direct Engineer's team/staff, coordinate and review sub-consultant work, correspond with the County and its representatives, and assist the County and its representatives in preparing responses to Project-related inquiries.

- e. Progress/Coordination Meetings (1 external meetings assumed):
- f. Project Schedule:

g. **Deliverables:**

- Monthly Invoices and Progress Reports including Deliverable Table
- Project Files

2. **ADDRESS 2ND AND 3RD SET OF FINAL SCHEMATIC REVIEW COMMENTS**

- a. Review comments
- b. Coordinate with GEC for comment resolution
- c. Implement roadway comment revisions; update schematic
- d. Implement drainage comment revisions, update schematic, drainage report
 - Calculate hydrology based on updated approach
 - Revise hydraulic calculations and culvert design at 7 cross drainage locations
 - Update detention/filtration requirements
- e. **Deliverables:**
 - Ultimate Schematic reflecting post-final submission review comments
 - Ultimate Schematic drainage report reflecting post-final submission review comments

3. **UPDATE ALIGNMENTS TO REFLECT REVISED PROJECT GOALS**

- a. Revise alignments and design criteria to meet project goals while minimizing ROW acquisition. Revise from original 120' ROW footprint to a ROW footprint that varies from 76' to 120' in order to minimize the number of parcel acquisitions.
- b. Develop Design Waivers for geometric elements not meeting current design criteria

ATTACHMENT C
SCHEDULE FOR CR 201

- **December 15, 2022 – Receive Final Schematic Review Comments**
- **January 15, 2023 – Submit Final Schematic incorporating Review Comments**
- **January 16, 2023 – July 15, 2023 – Review Final Schematic considering impacts of additional survey data**
- **September 30, 2023 – Close out WA#1 project**

ATTACHMENT "D"

COUNTY ROAD 201 WA#1 Fee Estimate	Principal	Sr. Project Manager	Sr. Project Engineer	Project Engineer II	Graduate Engineer II	Engineering Specialist IV	Sr. Planner	Project Analyst II	Total Labor Hours	Task Cost
	\$230.00	\$210.00	\$195.00	\$160.00	\$125.00	\$160.00	\$180.00	\$115.00		
1. Project Management										
b. Develop monthly progress reports, Invoices, and billing (8 months assumed)	0.5	16							16.5	
TASK HOURS SUB-TOTALS	0.5	16	0	0	0	0	0	0	16.5	
TASK TOTALS	\$115.00	\$3,360.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$3,475.00
2. Address additional review comments										
a. Review submittal comments		1							1	
b. Coordinate with GEC for comment resolution		1							1	
c. Implement roadway revisions, update schematic		2			0.6	5			7.6	
d. Implement drainage comments, update schematic, update drainage report			8	15					22.5	
TASK HOURS SUB-TOTALS		4	8	15	1	5	0		32.1	
TASK TOTALS		\$840.00	\$1,462.50	\$2,400.00	\$75.00	\$800.00	\$0.00			\$5,577.50
3. Update Alignments to meet revised goals										
a. Revise alignment to minimize ROW acquisition from original 120' to varies from 76' to 120'		12		16	32	32				
b. Develop Design Waivers		1								
TASK HOURS SUB-TOTALS		13	0	16	32	32	0		93	
TASK TOTALS		\$2,730.00	\$0.00	\$2,560.00	\$4,000.00	\$5,120.00	\$0.00			\$14,410.00
TOTAL WSB LABOR HOURS	0.5	20	7.5	15	0.6	5	0	0	48.6	
TOTAL WSB LABOR COSTS	\$115.00	\$6,930.00	\$1,462.50	\$4,960.00	\$4,075.00	\$5,920.00	\$0.00	\$0.00	\$0.00	\$23,462.50
OTHER DIRECT EXPENSES	QUANTITY		UNIT	Rate				TOTAL		
Mileage			miles	\$ 0.575				\$0.00		
SUBTOTAL DIRECT EXPENSES								\$0.00		
SUMMARY										
Subtotal Labor				\$23,462.50						
Subtotal Direct Expenses				\$0.00						
TOTAL WA#1 FEE				\$23,462.50						