

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

PROJECT:
CR 201 (CR 200 to Umbrella Sky) Phase 1

This Supplemental Work Authorization No. 1 to Work Authorization No. 1 is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated **March 09, 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 08, 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 hereby amended, changed and modified as shown in the attached revised Attachment "A" (must be attached).- No Change
- 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, 2022**. 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 **\$93,505** to **\$144,075**. The revised Project Budget 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, in duplicate, to be effective as of the date of the last party's execution below.

ENGINEER:

By: 

Signature

James W. Kennedy

Printed Name

Vice-President

Title

5-16-22

Date

COUNTY:

By: _____

Signature

Printed Name

Title

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 (3 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):

- Attend a kickoff meeting and coordination/progress meeting with the County and its representatives and stakeholders, as necessary to communicate development of the project and design issues.
- Prepare agenda and sign-in sheets for external coordination/progress meetings.
- Prepare meeting minutes for review via email within three (3) business days of the external coordination/progress meeting.
- Conduct internal coordination meetings as required to advance the development of the project.

f. Project Schedule:

- Update project schedule indicating tasks, subtasks, critical dates, milestones, and deliverables. Submit to County as requested.

g. **Deliverables:**

- Monthly Invoices and Progress Reports including Deliverable Table
- Meeting Minutes, Sign-In Sheets, and Agendas
- Project Schedule and Updates
- Project Files

2. **DEVELOP 4-LANE ALTERNATIVES**

a. Develop new alignments:

- Develop proposed alignments for a 4-lane section, meeting Williamson County requirements and project goals
- Analyze impacts of proposed alignments and adjust alignments as needed to meet project goals

b. Develop revised cross sections:

- Develop new cross sections for alternatives and determine Limit of Construction.

c. Analyze ROW impacts:

- Analyze and identify ROW impacts, develop alternatives to minimize impacts.

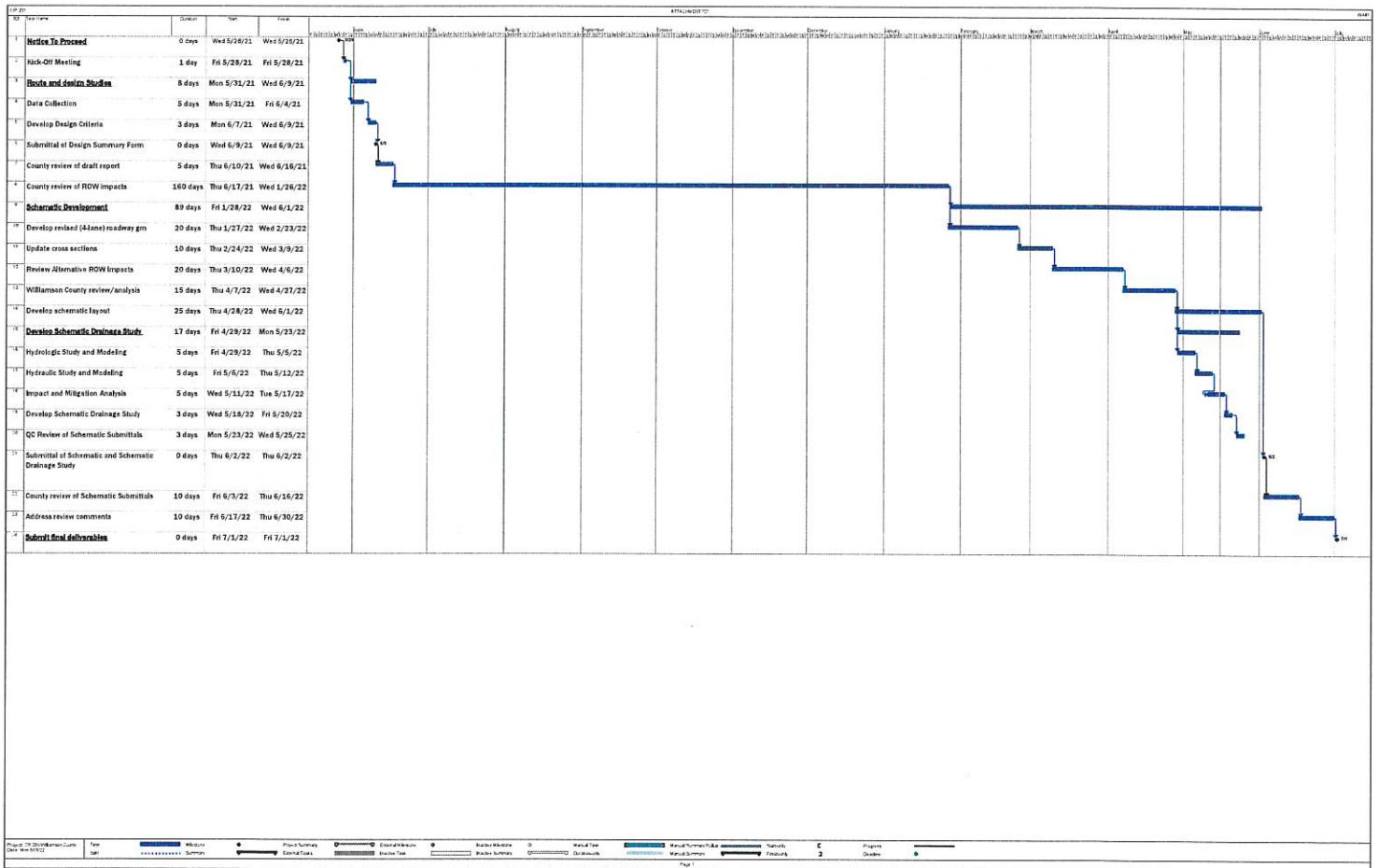
d. Coordinate with Williamson County and GEC to achieve consensus of approach.

e. **Deliverables:**

- Layouts, exhibits, and other data to reflect results and implications of alternatives.
- Ultimate Schematic reflecting revised alignment and lane configuration

3. **DEVELOP UPDATED HYDROLOGY AND HYDRAULICS**

- a. Calculate updated Hydrology
 - Revise calculations to reflect revised impervious cover areas.
 - b. Calculate updated Hydraulics
 - Revise hydraulics at 7 cross drainage culvert locations.
 - c. Calculate updated detention/filtration requirements
 - Revise analysis of detention/filtration ponds at 4 locations and re-size ponds to reflect revision.
 - d. Update Hydraulic Report
 - e. **Deliverables:**
 - Hydraulic Report
4. **EXCLUSIONS:**
- a. The following items are not included in this work authorization:
 - PUBLIC INVOLVEMENT
 - SURVEY
 - ROW MAPPING
 - ENVIRONMENTAL STUDIES & DOCUMENTS
 - GEOTECHNICAL SERVICES
 - CONSTRUCTION PHASE SERVICES.
 - UTILITY COORDINATION OR RELOCATION ESTIMATES.



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	\$165.00	\$180.00	\$125.00	\$150.00	\$180.00	\$115.00		
1. Project Management										
a. Develop monthly progress reports, invoices, and billing (3 months assumed)		4							4	
b. Develop QA/QC Plan, perform QC review for 2 submittals									0	
c. Project Coordination and Administration	2	8						2	12	
d. Progress Coordination Meetings (1 assumed)		2					2		4	
e. Develop and maintain project schedule for Project Development tasks		1							1	
TASK HOURS SUB-TOTALS	2	15	0	0	0	0	2	2	21	
TASK TOTALS	\$460.00	\$3,150.00	\$0.00	\$0.00	\$0.00	\$0.00	\$360.00	\$230.00		\$4,200.00
2. Develop 4-lane Alternative Alignments										
a. Develop alignments		12		12	8	16			48	
b. Develop revised cross sections		8		4	16	8			36	
c. Analyze ROW Impacts		16		16	32	16			80	
d. Coordinate results with Williamson County		4		2	4	2				
TASK HOURS SUB-TOTALS		40	0	34	60	42	0		176	
TASK FEE TOTAL		\$8,400.00	\$0.00	\$5,440.00	\$7,500.00	\$8,720.00	\$0.00			\$28,060.00
3. Develop updated Hydrology and Hydraulics										
a. Calculate updated hydrology			2	12	16				30	
b. Calculate updated hydraulics at 7 culverts			2	24	28					
c. Calculate updated detention/retention requirements			2	12	24					
d. Update hydraulic report			2	2	2					
TASK HOURS SUB-TOTALS		0	8	60	70	0	0		128	
TASK FEE TOTAL		\$0.00	\$1,560.00	\$8,000.00	\$8,750.00	\$0.00	\$0.00			\$18,310.00
TOTAL WSB LABOR HOURS	2	65	8	84	130	42	2	2	325	
TOTAL WSB LABOR COSTS	\$460.00	\$11,650.00	\$1,560.00	\$13,440.00	\$16,250.00	\$8,720.00	\$360.00	\$230.00	\$0.00	\$50,570.00
OTHER DIRECT EXPENSES	QUANTITY		UNIT	Rate				TOTAL		
WSB Direct Expenses:										
TCEQ EARZ Submittal fee (Do for P&E WA)	0		LS	5000				\$0.00		
								\$0.00		
								\$0.00		
Mileage			miles	\$ 0.675				\$0.00		
SUBTOTAL DIRECT EXPENSES								\$0.00		
SUMMARY										
Subtotal Labor				\$50,570.00						
Subtotal Direct Expenses				\$0.00						
TOTAL WA#1 FEE				\$50,570.00						