

**SUPPLEMENTAL WORK AUTHORIZATION NO. 2
TO
WORK AUTHORIZATION NO. 2**

**WILLIAMSON COUNTY ROAD BOND PROJECT:
THRALL ROADWAY IMPROVEMENTS**

This Supplemental Work Authorization No. 2 to Work Authorization No. 2 is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated May 5, 2020 ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and RS&H, Inc. (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. 2 dated effective September 25, 2020 (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 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-2" (attached).
- II. The Work Authorization shall terminate on February 28, 2022. The Services to be Provided by 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-2" (attached).
- III. The maximum amount payable for services under the Work Authorization is hereby increased by \$12,612.00 from \$86,553.80 to \$99,165.80. The Fee Schedule is attached hereto as "Attachment D-2" (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

George N. Tsiouvaras, PE
Printed Name

Vice President
Title

November 2, 2021
Date

COUNTY:

By: _____
Signature

Printed Name

Title

Date

LIST OF ATTACHMENTS

Attachment B-2 - Services to be Provided by Engineer

Attachment C-2 – Work Schedule

Attachment D-2 – Fee Schedule



ATTACHMENT B-2
SWA#2
SERVICES TO BE PROVIDED BY THE ENGINEER FOR
THRALL ROADWAY IMPROVEMENTS

PROJECT DESCRIPTION

Project Limits

The Roadway improvements limits are along Bounds Street from the Union Pacific Railroad (UPRR) to south of Eckhart Ave, approximately 2000LF.

Existing Facility

Existing two-lane roadway with asphalt pavement. The existing right of way varies from 40 to 60 ft.

Proposed Facility

Proposed two-lane roadway repair or reconstruction limited to edge of pavements each side of the road, signing and striping and drainage improvements.

Design Criteria

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

10. CONSTRUCTION PHASE SERVICES

- Plan Revisions for Field Changes (3 CO Assumed):
 - CO #1 – Drainage Revision: Provide drainage revisions to plans in order to address differing site conditions, third party accommodation, or other owner directed changes. Revisions to plans will include revision clouds around any changes, will include descriptions and quantities of changes, CAD files, and will be sealed by a professional engineer. The County will not be billed for plan revisions resulting from engineering errors or omissions.
 - CO #2 and CO #3: Provide minor revisions to plans in order to address differing site conditions, third party accommodation, or other owner directed changes. Revisions to plans will include revision clouds around any changes, will include descriptions and quantities of changes, CAD files, and will be sealed by a professional engineer. The County will not be billed for plan revisions resulting from engineering errors or omissions.
- Attend Meetings (3 assumed):
 - Visit the project site on request (3 hours per visit) during construction to address questions on interpretation of plans.

DELIVERABLES:

Documents:

- All contract documents, including hard copies and electronic files, will be turned over to the County at the completion of the project. Documents will be posted to the County's project management database as requested.

EXCLUSIONS:

The following items are not included in this work authorization:

- SCHEMATIC DEVELOPMENT.
- FEMA COORDINATION (INCLUDING CLOMR OR LOMR).
- TXDOT NEPA DOCUMENTATION.
- NATIONWIDE PERMIT (NWP) 14 WITH A PRE-CONSTRUCTION NOTIFICATION (PCN).
- UTILITY COORDINATION OR RELOCATION ESTIMATES.
- TEMPORARY OR PERMANENT EROSION CONTROL DESIGN.
- DETAILED TCP DESIGN.
- CROSS SECTION DESIGN.

Attachment C-2
 DESIGN SCHEDULE
 SWA#2

WORK SCHEDULE						
		2021			2022	
Act ID	Activity Description	Oct	Nov	Dec	Jan	Feb
16	Project Ready to Let (RTL)					
17	Construction					

ATTACHMENT D-2

Fee Schedule

SWA#2

Prime Provider: RS&H, Inc.

SUMMARY											
TASK	TASK DESCRIPTION	RS&H, Inc.		HVJ South Central Texas - M&J, Inc.		McGray and McGray Land Sureveyors, Inc.		WSB & Associates, Inc.		TOTALS	
		Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Total
PS&E DESIGN											
1	PROJECT MANAGEMENT	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
2	ROUTE AND DESIGN STUDIES	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
3	TRAFFIC EVALUTATIONS & PROJECTIONS	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
4	PUBLIC INVOLVEMENT	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
5	SURVEYING	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
6	ENVIRONMENTAL SERVICES	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
7	GEOTECHNICAL SERVICES	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
8	PLAN PREPARATIONS (PS&E) (Roadway Project)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
9	BIDDING PHASE SERIVCES	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
10	CONSTRUCTION PHASE SERVICES	90	\$ 12,612.00	0	\$ -	0	\$ -	0	\$ -	90	\$ 12,612.00
LABOR TOTALS		90	\$ 12,612.00	0	\$ -	0	\$ -	0	\$ -	0	\$ 12,612.00
Direct Expenses			\$ -		\$ -		\$ -		\$ -		\$ -
TOTAL COST			\$ 12,612.00		\$ -		\$ -		\$ -		\$ 12,612.00
Percentage Breakdown			100.00%		0.00%		0.00%		0.00%		100.00%

ATTACHMENT D-2

Fee Schedule

SWA#2

Prime Provider: RS&H, Inc.

TASK DESCRIPTION	PROJECT MANAGER	QUALITY MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	ENGINEER IN TRAINING	ENVIRONMENTAL SPECIALIST	TRANSPORTATION PLANNER	DESIGNER	OPERATION ASST	VISUALIZATION	ADMIN	TOTAL LABOR HRS. & COSTS
10. CONSTRUCTION PHASE SERVICES													
Request for Information - RFIs (5 assumed)													0
Attend Site Visits and/or meetings													0
Respond to Contract RFIs & Provide Clarification													0
Review Contractor Submittals & Shop Drawings (10 assumed)													0
Plan Revisions for Field Changes (3 assumed)													0
Change Order #1 - Drainage Revision		1											1
Summary of Quantities				2		6							8
Drainage Calculations				6		2							8
Culvert Hydraulic Data				8		2							10
Culvert Layout				8		14							22
Drainage Plans						2							2
Grading Layout						2							2
Drainage Detail						2							2
CO Balancing and Estimate Update				1									1
Anticipated Change Order Revisions		1		8		16							25
Attend Meetings													0
Attend Meetings at the Project Site or Williamson County office (3 assumed)													0
Visit Project site on on Request (3 hrs per visit)				9									9
HOURS SUB-TOTALS	0	2	0	42	0	46	0	0	0	0	0	0	90
CONTRACT RATE PER HOUR	\$250.00	\$265.00	\$235.00	\$165.00	\$125.00	\$112.00	\$135.00	\$100.00	\$135.00	\$115.00	\$130.00	\$70.00	
TOTAL LABOR COSTS	\$0.00	\$530.00	\$0.00	\$6,930.00	\$0.00	\$5,152.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,612.00
SUBTOTAL CONSTRUCTION PHASE SERVICES													\$12,612.00

DESCRIPTION	TOTAL MH BY TASK	TOTAL COSTS TASK
1. PROJECTMANAGEMENT	0	\$ -
2. ROUTE AND DESIGN STUDIES	0	\$ -
3. TRAFFIC EVALUATIONS AND PROJECTIONS	0	\$ -
4. PUBLIC INVOLVEMENT	0	\$ -
5. SURVEYING	0	\$ -
6. ENVIRONMENTAL SERVICES	0	\$ -
7. GEOTECHNICAL SERVICES	0	\$ -
8. PLAN PREPARATIONS (PS&E) (Drainage and Roadway Project)	0	\$ -
9. BIDDING PHASE SERVICES	0	\$ -
10. CONSTRUCTION PHASE SERVICES	90	\$ 12,612.00
SUBTOTAL LABOR EXPENSES	90	\$ 12,612.00

SUMMARY	
TOTAL COSTS FOR PRIME ONLY (includes multiplier)	\$ 12,612.00
NON-SALARY (OTHER DIRECT EXPENSES)	\$ -
SUBCONTRACTS (includes labor costs and direct expenses)	\$ -
GRAND TOTAL	\$ 12,612.00