

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

WILLIAMSON COUNTY ROAD BOND PROJECT:
Liberty Hill Bypass East (Segment 3)

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 19th, 2024 ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and LJA Engineering (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. 1 dated effective March 22nd, 2024 (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:

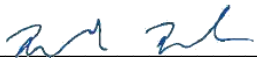
- I. The Services to be Provided by the Engineer that were set out in the original Attachment "B" of the Work Authorization are hereby amended, changed and modified as shown in the attached revised Attachment "B" (must be attached).
- II. The maximum amount payable for services under the Work Authorization is hereby increased by \$ 70,744.60 from \$ 2,555,219.29 to \$ 2,625,963.89 . 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

Derek Bohls, PE
Printed Name

Vice President
Title

3/25/2025
Date

COUNTY:

By: _____
Signature

Printed Name

Title

Date

LIST OF ATTACHMENTS

Attachment B - Services to be Provided by Engineer

Attachment D - Fee Schedule

APPROVED

By Christen Eschberger at 10:53 am, Apr 02, 2025

ATTACHMENT B

Project Description

A highway overcrossing is being designed near Liberty Hill and passes over an existing CapMetro rail line. The design of the overcrossing could create unintentional safety hazards to operation and maintenance of CapMetro's rail line. The purpose of this hazard analysis is to identify hazards that have an impact to the CapMetro rail lines operations and to identify mitigations to lower the risk of the hazards taking place to the lowest practicable level.

Cost Estimate Assumptions and Notes

The hazard analysis process for the Liberty Hill overcrossing will consist of the following:

- Review project provided drawings, specifications, project design criteria, and codes required as part of this project.
- Hold one Hazard Analysis workshop with the design team and applicable stakeholders deemed appropriate to identify potential hazards and mitigation measures.
- Develop a 60% draft, identifying safety risks at the crossing, potential mitigations, hazard risk index rating pre and post mitigation, update with all final mitigations, and provide a final hazard risk rating from the 100%
- Develop a draft and final narrative document that explains the hazard analysis process, hazard risk ratings, and provides a summary of pre and post mitigation totals per hazard rating.

Deliverables:

- Draft and Final Hazard Analysis Matrix
- Draft and Final Hazard Analysis Narrative

Assumptions:

- Project documents will be furnished to the dss+ Project Team as they are developed at the 60% and 100% designs.
- Designers will participate in the workshop and provide any comments within the specified comment period.
- No onsite visits required.
- Schedule below is followed.

Proposed Schedule:

- Estimated NTP: February 14, 2025, through December 31, 2025
- Develop Draft 60% Hazard Analysis and Narrative: February 17 to April 1, 2025
- Workshop with Design Team Week of April 7, 2025
- Completed 100% Hazard Analysis and Narrative September 28 to October 28, 2025
- Present to CapMetro for Review Week of November 3, 2025
- CapMetro Review Period November 10-21, 2025
- Develop Final Hazard Analysis and Narrative November 24 to December 5, 2025

ATTACHMENT D

Cost Breakdown Table

Liberty Overcrossing Hazard Analysis Period of Performance = NTP through Dec 31, 2025						
	Scope of Work	Project Manager	Sr. Systems Safety Engineer	Systems Safety Engineer	Total Hours	Total Dollars By Subtask
	Contract Labor Rates	\$ 258.32	\$ 228.99	\$ 200.74		
1.0	Project Management					
1.1	Prepare for and Hold Project Kick Off Meeting	2	2	2	6	\$ 1,376.10
1.2	Hold Monthly Progress Meetings and prepare progress reports.	10	10	10	30	\$ 6,880.50
	Subtotal	12	12	12	36	\$ 8,256.60
2.0	MP 23.53 Hazard Analysis					
2.1	Review Project Documents, Drawings, Specs and Requirements	8	16	16	40	\$ 8,942.24
2.2	Attend Design Meetings to Support Design Team and CapMetro Interface	12	24	12	48	\$ 11,004.48
2.3	Develop Draft 30% Crossing HA and Narrative	24	24	32	80	\$ 18,119.12
2.4	Prepare for and Hold HA Workshop	8	8	8	24	\$ 5,504.40
2.5	Update HA and Narrative to with Workshop Comments	4	8	8	20	\$ 4,471.12
2.6	Closeout PHA with 100% Drawings	8	16	16	40	\$ 8,942.24
2.7	Develop Final Draft Comments and Final Documents, Present to CapMetro	8	8	8	24	\$ 5,504.40
	Subtotal	72	104	100	276	\$ 62,488.00
	Total Labor Hours	84	116	112	312	
	Total Labor Fee	\$ 21,698.88	\$ 26,562.84	\$ 22,482.88		\$ 70,744.60
	Total Other Direct Expenses (ODCs)	\$ -				N/A
	Total Cost					\$ 70,744.60