

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

**WILLIAMSON COUNTY ROAD BOND PROJECT:**

---

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 September 12, 2023 ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Alfred Benesch & Company (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. 2 dated effective June 25, 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-2" (must be attached).
  
- II. The maximum amount payable for services under the Work Authorization is hereby increased from \$ 458,864.40 to \$ 527,823.40. The revised Fee Schedule is attached hereto as Attachment "D-2" (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: **William H Epp**  
Digitally signed by William H Epp  
E:wepp@benesch.com,  
O=Benesch, OU=Benesch,  
Signature  
CN=William H Epp  
Date: 2025.08.29 10:49:53-05'00'

William H. Epp

Printed Name

Executive Vice President

Title

8/29/2025

Date

**COUNTY:**

By:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

LIST OF ATTACHMENTS

Attachment B-2 - Services to be Provided by Engineer

Attachment D-2 - Fee Schedule

**APPROVED**

*By Christen Eschberger at 2:41 pm, Aug 29, 2025*

ATTACHMENT B-2  
SERVICES TO BE PROVIDED BY THE ENGINEER  
DESIGN SERVICES FOR **PARMER LANE AT SH45 (WA2) –  
Supplemental Work Authorization #2**

The work to be performed by the Engineer shall consist of providing plans specifications and estimates for Parmer Lane at SH 45 in Williamson County, Austin, Texas. The following is Supplemental Work Authorization #2 to Work Authorization #2.

The additional services consist of: Extending the schedule 7 months based on additional coordination with CapitolMetro Railroad, TxDOT and City of Austin. Coordination meetings associated with the crossing and extended time to obtain railroad agreement. (Task 1) A cost estimate for additional sidewalk desired by the City of Austin. (Task 2) An additional WPAP permit and additional drainage design will be required based on two outfalls for the project that was not identified originally (Tasks 8 and 9). TxDOT has also provided guidance on required environmental documents for clearance. (Task 10) Changes to the plans are also being implemented based on input from Capitol Metro, TxDOT and City of Austin. (Task 12 and Task 13). These elements were not part of the original work authorization.

1. PROJECT MANAGEMENT

- a. No Change.
- b. Provide project reports for 7 additional months.
- c. Provide QAQC for additional sheets of rail crossing. (2 Typical sections sheets and Exhibit A sheets – 6 CapMetro general notes sheets, 2 TxDOT rail sheets)
- d. Attend additional meetings with CapMetro, the City of Austin and TxDOT.
- e. Attend additional project coordination meetings with GEC. (2 per month = 14)
- f. Maintain project schedule and update as necessary.
- g. DELIVERABLES:
  - Monthly progress reports and invoicing.
  - Meeting minutes for all additional meetings.
  - Updated schedule as necessary.

2. ROUTE AND DESGN STUDIES

The ENGINEER will provide a conceptual cost estimate for the addition of sidewalk as requested by the City of Austin.

d. DELIVERABLES

- Conceptual cost estimate

## 8. DRIANAGE STUDY

The ENGINEER shall add a section to the drainage report that includes requirements for storm water treatment and potential BMP locations. The original WA2 only included one WPAP and treatment location.

### e. DELIVERABLES:

- Water quality section in Draft and Final Drainage Report to include additional WQ location and drainage system modifications.

## 9. WATER QUALITY PLAN

The project lies within the Edwards Aquifer Recharge Zone. The ENGINEER shall evaluate water quality impacts of the proposed project to the existing WPAPs. The ENGINEER shall add a section to the drainage report that includes requirements for storm water treatment and potential BMP locations. The supplemental adds one additional WPAP required based on the existing 2 outfalls.

- a. Review additional existing WPAP's in the project limits, treatment areas, BMPs, and validate the incorporation of additional pavement needed for this project in the TSS treatment.
- b. Determine potential impacts to additional existing BMPs and determine required TSS load removal based on TCEQ Edwards Aquifer requirements for increased impervious cover.
- c. Determine locations for potential water quality controls and BMPs that could be utilized. The ENGINEER will design water quality controls for the added pavement as necessary.
- d. DELIVERABLES:
  - Water quality section in Draft and Final Drainage Report for the additional BMP location.
  - Provide electronic files for all data collected and any developed TCEQ calculations. Provide CAD and/or GIS files used.

## 10. ENVIRONMENTAL

- a. TXDOT ENVIRONMENTAL CLEARANCE

- Prepare environmental documentation utilizing the appropriate outline in accordance with TxDOT's Environmental Manual, Title 23, Part 771, 772, and FHWA's Technical Advisory T6640.8A.
- Prepare a **Categorical Exclusion**. This will include discussions of affected environment and environmental consequences including historical and archeological, wildlife, vegetation, and endangered species, land use analysis, socioeconomic impacts, and items of special nature and conclusion.
- Prepare TxDOT Community Impact Assessment Technical Report Form.
- Assumes that the proposed improvements will be paid for with funds obtained from Local, State or Federal sources.

b. DATA COLLECTION & FIELD RECONNAISSANCE:

- Obtain and update periodically publicly available information including but not limited to: locations of public buildings (schools, churches, parks), aerial photography, National Wetland Inventory Maps, County Soil Survey Maps, TCEQ & EPA Hazardous Materials Database Information, FEMA Floodplain Information, Vegetation Information, rare, threatened, and endangered species information, and other applicable environmental information from the appropriate local, state, or federal agencies.
- Conduct field reconnaissance to visually inspect the project site for additional risks and field verify any environmental risks identified by the regulatory records review.

c. ENDANGERED SPECIES ACT COMPLIANCE:

- Prepare TxDOT species analysis.

d. HISTORICAL SITE COMPLIANCE:

- Prepare TxDOT Project Coordination Request (PCR) for historic studies.

e. TEXAS ANTIQUITIES CODE (TAC) COMPLIANCE:

- Prepare TxDOT Archeological Background Study.

f. DELIVERABLES:

- Draft & Final Species Analysis
- Draft & Final Historic PCR
- Draft & Final Archeological Background Study
- Draft & Final Community Impacts Assessment

12. PLAN PREPARATION

b. ROADWAY

- Provide existing and proposed typical sections at Railroad crossing. These typical sections were not part of the original WA2.
- Prepare Exhibit A for Railroad coordination. Added existing and proposed typical sections at the rail crossing, CapMetro general notes (5 sheet), TxDOT rail sheets.

c. DRAINAGE

- Prepare hydraulic calculations for existing storm drain system down the SH 45 WBFR to check conveyance to existing extended detention pond to the east.
- Develop drainage area maps delineating drainage area boundaries for the SH 45 WBFR storm drain system.
- Develop plan and profile sheets for the SH 45 WBFR system.

f. WATER QUALITY:

- The Drainage report was modified to include one additional WQ locations.
- Prepare water quality BMP temporary and permanent plans.
- Prepare modifications to one additional existing WPAPs and submit for TCEQ approval. (2 WPAPs) Adding one WPAP to the original scope since there are two locations for outfalls on project and only one was originally identified in the WA2.
- Prepare SWPPP sheet and EPIC sheet.

g. DELIVERABLES:

- Roadway typical sections at the railroad crossing.
- Exhibit A
- Drainage Plans for connection to WBFR system.
- Draft & Final Water Pollution and Abatement Plan modifications for one additional existing plan.

13. PERMITS

a. TCEQ Permit:

- Submit modifications to plans for approval one additional existing WPAP.

ATTACHMENT D-2 : FEE SCHEDULE  
WILLIAMSON COUNTY  
PARMER AT SH 45 SWA#2 to WA#2

Prime: Alfred Benesch and Company

Task	Sheets	Principal	QA/QC	Senior PM	PM	Senior Traffic Engineer	Senior Project Engineer	Senior Manager Special Projects (RR)	Proj Eng	RR Signal Engineer	Design Engineer	Sr Tech	Tech	Admin	EIT	Total Hours	Total Labor
		\$313.00	\$302.00	\$302.00	\$271.00	\$250.00	\$229.00	\$208.00	\$198.00	\$177.00	\$156.00	\$146.00	\$125.00	\$83.00	\$141.00		
TASK 1 – PROJECT MANAGEMENT		0	4	21	23	0	0	0	4	10	12	0	0	6	16	96	\$ 20,971.00
a. Communication : Provide PM																	
b. Monthly Progress Report, Invoicing and Billings 7 additional months)					7										7	14	\$ 2,884.00
c. QA/QC (Additional QC of rail elements, Exhibit A)			4							2					1	7	\$ 1,703.00
d. Project Coordination & Administration (Cap-Metro, City of Austin, TxDOT coordination)				1	3					8				6	4	22	\$ 3,593.00
e. Project Coordination meetings (16 additional)				20	12						12					44	\$ 11,164.00
f. Project Schedule					1				4						4	9	\$ 1,627.00
TASK 2 – ROUTE AND DESIGN STUDIES		0	0	0	2	0	0	0	0	0	0	0	0	0	6	8	\$ 1,388.00
d. Conceptual cost estimate for Additional sidewalk requested by COA					2										6	8	\$ 1,388.00
TASK 3 – TRAFFIC EVALUATIONS AND PROJECTIONS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 4 – PUBLIC INVOLVEMENT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 5 – RIGHT-OF-WAY MAPPING (NOT APPLICABLE)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 6 – DESIGN SURVEYING		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 7 – SCHEMATIC DEVELOPMENT (NOT APPLICABLE)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 8 – DRAINAGE STUDY		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 9 – WATER QUALITY (By EDGE)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 10 – ENVIRONMENTAL SERVICES (By SWCA)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 11 – GEOTECHNICAL INVESTIGATION (by BZZ)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 12 – PLAN PREPARATION		0	2	1	0	0	3	4	4	0	0	0	0	0	32	46	\$ 7,729.00
a. Plan Preparation																	
b. Roadway																	
- RR Existing Typical Section (Parmer Lane; SH 45)							2	2	2						8	14	\$ 2,398.00
- RR Proposed Typical Section (Parmer Lane; SH 45)			1				1	1	2						8	13	\$ 2,263.00
- Prepare and submit Exhibit A for Railroad Coordination			1	1				1							16	19	\$ 3,068.00
TASK 13 – PERMITS (By EDGE)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 14 – BIDDING PHASE SERVICES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 15 – CONSTRUCTION PHASE SERVICES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
<b>SUBCONSULTANTS</b>																	
EDGE Engineering, PLLC ( <i>Drainage Studies and Design</i> )																	\$ 23,563.00
SWCA ( <i>Environmental Services</i> )																	\$ 15,098.00
																	\$ -
<b>Total Benesch Direct Labor Hours</b>		0	6	22	25	0	3	4	8	10	12	0	0	6	54	150	
<b>Percent of Total Hours</b>		0.0%	4.0%	14.7%	16.7%	0.0%	2.0%	2.7%	5.3%	6.7%	8.0%	0.0%	0.0%	4.0%	36.0%		
<b>Total Benesch Direct Labor Cost</b>																	\$ 30,088.00
<b>Total Benesch Other Direct Expenses Cost</b>																	\$ 210.00
<b>Total Subconsultants Cost</b>																	\$ 38,661.00
<b>TOTAL PROJECT COST</b>																	\$ 68,959.00

**ATTACHMENT D-2 : FEE SCHEDULE**

**WILLIAMSON COUNTY**

**SWA #2 to WA #2: Parmer Lane at SH 45**

**Other Direct Expenses (Benesch)**

**Prime: Alfred Benesch and Company**

<b>Direct Expenses</b>	<b>Rate</b>	<b>Unit</b>	<b>Quantity</b>	<b>Cost</b>
Outsourced Printing	\$ 25.00	Each	0	\$ -
Mileage (per mile)	\$ 0.700	Mile	300	\$ 210.00
Rental Car	\$ 50.00	Each	0	\$ -
Rental Car Fuel	\$ 4.50	Gallon	0	\$ -
Parking Fees	\$ 10.000	Each	0	\$ -
Highway Toll Charges	\$ 5.00	Each	10	\$ -
Postage				
Overnight Mail- letter size	\$ 0.25	Each	0	\$ -
Overnight Mail – oversized box	\$ -	Each	0	\$ -
Courier Services	\$ 25.00	Each	0	\$ -
			<b>* TOTAL</b>	<b>\$ 210.00</b>

\* Estimate only - will be invoiced at actual cost

**ATTACHMENT D-2 : FEE SCHEDULE**

**Williamson County  
Parmer Lane at SH45  
EDGE**

WORK TASK DESCRIPTION	ASSUMPTIONS/DELIVERABLES ANTICIPATED	Project Manager	Quality Manager	Senior Engineer	Project Engineer	Design Engineer	EIT	Engineering Technician	Senior CADD Operator	CADD Operator	Senior GIS Operator	GIS Operator	GIS Technician	Admin/Clerical	Sub Total Hours	Labor Cost
		\$261.00 hr.	\$235.00 hr.	\$224.00 hr.	\$193.00 hr.	\$156.00 hr.	\$120.00 hr.	\$135.00 hr.	\$130.00 hr.	\$94.00 hr.	\$156.00 hr.	\$104.00 hr.	\$89.00 hr.	\$78.00 hr.		
<b>8</b>	<b>Drainage Study</b>															
	a. Hydrologic Modeling														0	\$ -
	d. Impact and Mitigation Analysis				2	4	6								12	\$ 1,730.00
	e. Deliverables								2						2	\$ 260.00
	<b>Subtotal - Drainage Study</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>\$ 1,990.00</b>
<b>9</b>	<b>Water Quality Plan</b>															
	a. Existing Water Quality Anlysis	1				4	8								13	\$ 1,845.00
	b. Proposed Water Quality Anlysis	1				8	12								21	\$ 2,949.00
	d. Deliverables	1	4			6	12								23	\$ 3,577.00
	<b>Subtotal - Drainage Study</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>57</b>	<b>\$ 8,371.00</b>
<b>12</b>	<b>Plan Preparation</b>															
	c.1. Prepare Hydraulic Calculations		1			1	2								4	\$ 631.00
	c.2 Drainage Area Maps	1	1			8	16								26	\$ 3,664.00
	c.3 Storm Sewer and Ditch Design	1	1			8	18								28	\$ 3,904.00
	f.1 Water Quality Layout														0	\$ -
	f.2 WPAP Modification (1 Additional location)	1	2			12	20								35	\$ 5,003.00
	f.3 SWPPP and Epic Sheet														0	\$ -
	<b>Subtotal - Plan Preparation</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>93</b>	<b>\$ 13,202.00</b>
<b>15</b>	<b>Construction Phase Services</b>															
	<b>Subtotal - Plan Preparation</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
	Hours %	3.66%	5.49%	0.00%	1.22%	31.10%	57.32%	0.00%	1.22%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Hours	6	9	0	2	51	94	0	2	0	0	0	0	0		
	Labor Costs %	6.65%	8.98%	0.00%	1.64%	33.76%	47.87%	0.00%	1.10%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Labor Costs	\$1,566	\$2,115	\$0	\$386	\$7,956	\$11,280	\$0	\$260	\$0	\$0	\$0	\$0	\$0		\$23,563.00

UNIT COSTS EXPENSES	Unit	Qty	Rate	Cost

DIRECT NON-LABOR EXPENSES	Unit	Qty	Rate	Cost
Mileage	Mile		\$0.670	\$0.00
TCEQ WPAP Application Fee	Assuming project is between 10 to 40 acres	each	\$6,500.000	\$0.00

Current State Rate

<b>SUBTOTAL - UNIT COST EXPENSES:</b>	<b>\$0.00</b>
<b>SUBTOTAL - DIRECT NON-LABOR EXPENSES:</b>	<b>\$0.00</b>
<b>SUBTOTAL LABOR:</b>	<b>\$23,563.00</b>
<b>TOTAL</b>	<b>\$23,563.00</b>

ATTACHMENT D-2 : FEE SCHEDULE  
WILLIAMSON COUNTY  
SWA #2 to WA#2: Parmer Lane at SH 45 Supplemental (SWCA)

Task	Subject Matter Expert II	Subject Matter Expert I	Specialist XII	Specialist XI	Specialist X	Specialist IX	Specialist VIII	Specialist VII	Specialist VI	Specialist V	Specialist IV	Specialist III	Specialist II	Specialist I	Total Hours	Total Labor
	\$240.00	\$228.00	\$224.00	\$205.00	\$188.00	\$168.00	\$156.00	\$146.00	\$135.00	\$122.00	\$112.00	\$101.00	\$89.00	\$75.00		
TASK 1 – PROJECT MANAGEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 2 – ROUTE AND DESIGN STUDIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 3 – PUBLIC INVOLVEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 4 -- TRAFFIC EVALUATION AND PROJECTIONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 5 – SURVEYING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 6 – RIGHT-OF-WAY (ROW) MAPPING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 7 -- SCHEMATIC DEVELOPMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 8 -- DRAINAGE STUDY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 9 -- WATER QUALITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
<b>TASK 10 – ENVIRONMENTAL STUDIES &amp; DOCUMENTS</b>	0	2	8	0	0	4	8	53	0	14	12	0	0	0	101	\$ 14,958.00
Environmental Constraints Map															0	\$ -
TxDOT Reevaluation Form															0	\$ -
TxDOT Species Analysis															0	\$ -
TxDOT Hazardous Materials Initial Site Assessment															0	\$ -
a. Archeological Background Study			3			4		11		2	12				32	\$ 4,538.00
b. Historic PCR			1				8	30							39	\$ 5,852.00
c. Community Impacts Assessment		2	4					12		12					30	\$ 4,568.00
TASK 10 – GEOTECHNICAL SERVICES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 11 – PLANS, SPECIFICATIONS AND ESTIMATE (PS&E)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 12 -- BIDDING PHASE SERVICES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
TASK 13 – CONSTRUCTION PHASE SERVICES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
<b>SUBCONSULTANTS</b>																
<b>Total Benesch Direct Labor Hours</b>	0	2	8	0	0	4	8	53	0	14	12	0	0	0	101	
<b>Percent of Total Hours</b>	0.0%	2.0%	7.9%	0.0%	0.0%	4.0%	7.9%	52.5%	0.0%	13.9%	11.9%	0.0%	0.0%	0.0%		
<b>Total Benesch Direct Labor Cost</b>																\$ 14,958.00
<b>Total Benesch Other Direct Expenses Cost</b>																\$ 140.00
<b>Total Subconsultants Cost</b>																\$ -
<b>TOTAL PROJECT COST</b>																\$ 15,098.00

**ATTACHMENT D-2 : FEE SCHEDULE**  
**WILLIAMSON COUNTY**  
**SWA #2 to WA#2: Parmer Lane at SH 45 (SWCA)**

**Other Direct Expenses (SWCA)**

Direct Expenses	Rate	Unit	Quantity	Cost
Outsourced Printing		Each		\$ -
Mileage (per mile)	\$ 0.700	Mile	200	\$ 140.00
Rental Car		Each		\$ -
Rental Car Fuel		Gallon		\$ -
Parking Fees		Each		\$ -
Highway Toll Charges		Each		\$ -
Hazardous Materials Database Search	\$ 800.00	Each		\$ -
Overnight Mail- letter size		Each		\$ -
Overnight Mail – oversized box		Each		\$ -
Courrier Services		Each		\$ -
			<b>* TOTAL</b>	<b>\$ 140.00</b>

*\* Estimate only - will be invoiced at actual cost*