SUPPLEMENTAL WORK AUTHORIZATION NO. <u>2</u> TO WORK AUTHORIZATION NO. 1

WILLIAMSON COUNTY PROJECT: RONALD REAGAN BLVD. (SEGMENT C2)

This Supplemental Work Authorization No. <u>2</u> to Work Authorization No. <u>1</u> is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated <u>March 19, 2024</u> ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and <u>Volkert, Inc.</u> (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. <u>1</u> dated effective <u>March 22, 2024</u> (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). **See Attachment B**
- II. The maximum amount payable for services under the Work Authorization is hereby increased by \$158,480.00 from \$2.140,990.40 to \$2.299.470.40. The revised Work 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, in duplicate, to be effective as of the date of the last party's execution below.

ENGINEER:	COUNTY:
By: Travis Falls Signer FOR ER8448	By:Signature
Travis Falls	
Printed Name	Printed Name
Senior Vice President	
Title	Title
9/23/2025	
	
Date	Date

LIST OF ATTACHMENTS

Attachment B - Services to be Provided by Engineer

Attachment D - Fee Schedule

APPROVED

By Christen Eschberger at 11:23 am, Sep 23, 2025

ATTACHMENT B SERVICES TO BE PROVIDED BY THE ENGINEER FOR RONALD REAGAN BLVD. (SEGMENT C2)

PROJECT DESCRIPTION

Project Limits

The project limits are from east of CR 289 to west of RM 2338, approximately from STA 2772+00 to STA 2864+00 a length of 1.74 miles.

Proposed Facility

The proposed facility is a new 2 lane road with 12' lanes, 4' shoulders, turn lanes and intersection improvements that will serve as the southbound lanes of Ronald Reagan Blvd. constructed adjacent to the existing roadway. On the southwest end of the project, the new roadway will match the proposed southbound Ronald Reagan Blvd. Segment C1 lanes being design by others at approximate Station 2772+00 east of CR 289. On the northeast end, the new roadway will match proposed southbound Ronald Reagan Segment D1 project at approximate Station 2864+00 west of the overpass at RM 2338. The existing Ronald Reagan Blvd roadway will be overlayed and restriped to serve as two northbound lanes with shoulders. The proposed ROW is generally 300 feet wide. This facility will include turn lanes at Benton Lane and three bridges.

Design Criteria

The proposed design criteria for the project will be developed from Williamson County design criteria and TxDOT design criteria. TxDOT criteria will only apply to portions of the project within TxDOT ROW (RM 2338).

- 1. PROJECT MANAGEMENT
 - NO CHANGE
- 2. PUBLIC INVOLVEMENT
 - NO CHANGE
- 3. UTILITY COORDINATION SUPPORT
 - NO CHANGE
- 4. CONDEMNATION SUPPORT
 - NO CHANGE

5. **SURVEYING**

NO CHANGE

6. DRAINAGE STUDY (SUB – EDGE)

- a. HYDROLOGIC/HYDRAULIC MODELING:
 - Additional effort has been required due to changing 2 of the crossings from bridges to culverts in an effort to reduce overall estimated construction costs.
- b. IMPACT AND MITIGATION ANALYSIS:
 - Additional effort has been required due to changing 2 of the crossings from bridges to culverts in an effort to reduce overall estimated construction costs.
- c. DELIVERABLES:
 - Revised Preliminary & Final Drainage Report
- 7. ENVIRONMENTAL SERVICES (SUB-SWCA)
 - a. NO CHANGE
- 8. GEOTECHNICAL SERVICES (SUB-B2Z)
 - NO CHANGE
- 9. PLAN PREPARATION (VOLKERT & EDGE)
 - a. Plans shall be prepared per Williamson County and TxDOT criteria including applicable submittal requirements per PS&E Development Plan Submittal Checklist including: cost estimate, checklists, hardcopies, CAD files, comment responses, design waivers/exceptions, general notes, quantities, updated design schedule, construction time determination.
 - b. DESIGN CRITERIA & CONCEPTUAL LAYOUT (Pre-30% & 30% Submittals):
 - Development of Conversion Alternative Exhibit value engineering evaluation substituting the current bridges for culvert extensions in order to reduce project construction costs (per County request)

- Alternative cost analysis revised cost estimates reflecting the value engineering evaluation changes.
- Numerous iterations of the drainage and water quality layout were developed beyond what was originally scoped.

c. ROADWAY (Post 30% Design):

- Additional effort to refine horizontal and vertical alignment of the roadway and cross streets, existing and proposed typical sections, cross sections to include the Heirloom Development.
- Additional effort to evaluate impacts in relation to Ultimate Schematic, future ramp locations, mainlane profile, dedicated right -turn lane, and turnaround option.
- Revision to approved conceptual design to substitute the current bridge designs (4 locations) for culvert extensions in to reduce project construction costs.
- Revision to Retaining Wall Design & Layouts in accordance with the PS&E Submittal & Plan Submittal Checklists

d. DRAINAGE (Post 30% Design):

- Parallel Drainage additional effort beyond what was originally scoped has been required to avoid significant utilities and accommodate VFS within the project ROW.
- Cross Drainage two additional culverts were added beyond what was originally scoped.
- e. SIGNING, MARKINGS, & SIGNALIZATION (Post 60% Design):
 - Prepare new temporary flashing traffic signals at two locations (Benton Development & Heirloom Development intersections in accordance with TxDOT and City of Georgetown design criteria.

f. WATER QUALITY (Post 30% Design):

Water Quality BMP design effort has been significantly more challenging and required more
effort than what was originally scoped.

10. PERMITS

NO CHANGE

11. <u>BIDDING SERVICES</u>

• NO CHANGE

12. <u>EXCLUSIONS</u>

NO CHANGE

ATTACHMENT D - FEE SCHEDULE

	SUMMARY OF FEES									
VOLKERT (DESIGN)	\$	LABOR 1,304,624.50 \$10,300.00	\$ \$	5,045.50	\$	TOTAL 1,309,670.00 10,300.00				
VOLKERT (SURVEY)	\$	146,395.00	\$	11,273.00	\$	157,668.00				
EDGE (DRAINAGE)	\$	353,140.00	\$	6,620.60	\$	359,760.60				
SWA 2	\$	148,180.00	\$	-	\$	148,180.00				
SWCA (ENVIRONMENTAL) SWA 1	\$	91,528.00 15,529.50	\$	3,829.30 515.00	\$	95,357.30 16,044.50				
B2Z (GEOTECHNICAL)	\$	96,270.00	\$	106,220.00	\$	202,490.00				
SWA#1 TOTAL	\$	15,529.50	\$	515.00	\$	16,044.50				
SWA#2 TOTAL	\$	158,480.00	\$	-	\$	158,480.00				
	\$	2,165,967.00	\$	133,503.40	\$	2,299,470.40				

Schedule: 15 months (est.)

Docusign Enve	lope ID: 56659E6A-E7B8	3-4418-9EC3-B4DFB8C4251A
V	OLKERT	

ATTACHMENT D: ESTIMATED FEE SUMMARY (ENGINEERING)

FIRM: VOLKERT, INC.

CLIENT: WILLIAMSON COUNTY

PROJECT NAME: RONALD REAGAN CORRIDOR-SEGMENT C2

WORK AUTHORIZATION: 01

WILLIAMSON

DATE: 09/20/25

COUNTY:	WILLIAMSON																	 		
TASK	CLAS	SIFICATION	Project Principal	Project Mgr	Quality Mgr	Senior Engineer	Project Engineer	Design Engineer	EIT	Sr. Struct. Engineer	Struct. Sr. E Engineer Tee	ng Sr. CAD		Utility Eng	Sr. GIS Tech	GIS Operator	Admin Clerical		TOTAL	
SUMMARY OF HOURS		LING RATES			\$220.00			\$160.00	\$135.00	\$245.00				\$150.00					IOIAL	
1 Project Management		2010 101120	\$000.00	\$200.00	\$220.00	\$200.00	\$100.00	\$100.00	V.00.00	\$2.0.00	7100.00	, , , , , , , , , , , , , , , , , , ,	7700,00	V 100.00	V.10.00	\$55,55	\$66.66			
2 Public Involvement																				1
3 Utility Coordination Sup	pport				<u> </u>									+	1		+			1
4 Condemnation Support		+			 	 			-		 			+	 	1	1	 		1
5 Plan Preparation	•					20			20			20							60	1
6 Permits						20			20			20								1
	-																			1
7 Bidding Phase Services		TAL HOUDS				20			20			20								1
		OTAL HOURS Of Total Labor				20 33%			20 33%			20				<u> </u>			60 100%	
SUMMARY OF COSTS	g.																			
						l I				Ī	l I			T	l	ı	I	l I		
1 Project Management																				1
2 Public Involvement																				4
3 Utility Coordination Sup	pport																			1
4 Condemnation Support	t																			
5 Plan Preparation						\$4,700			\$2,700		\$2	900							\$10,300.00	100.00%
6 Permits																				1
7 Bidding Phase Services	S										i i									1
,																				1
	TO	TAL COSTS				\$4,700			\$2,700		\$2	900					I		\$10,300.00	100.00%
4 Decided Management																	İ			
1 Project Management																ļ.				
1 Project Manager																				
	Project Coordination/Administration																			
	Monthly Reports/Invoicing QA/QC Plan																			
	Progress/Coordination Meetings											_			-					+
	Project Scheduling																			
	Project Documents/Files																			
1.7	Deliverables																			
2 Public Involvement																				
2 Public Involveme 2.1	Public Involvement Support																			-
	Property Owner Meeting Support																			
	Stakeholder Meetings																			
2.4	Deliverables																			
3 Utility Coordination Sup	pport																			
3 Utility Coordinati																				
	Incorporate Utility Information																			
	Utility Meetings																			
3.3	Deliverables																			
4 Condemnation Support																				
4 Condemnation S																				
	Condemnation Hearing Exhibits								 		 		+	+	 		+			
4.2	Condemnation Hearings																			
4.3	Deliverables																			
5 Plan Preparation						20			20			20							60	
5 Plan Preparation	n																			
	Design Criteria & Conceptual Layout				 	 					 			+	 	 		 		
	Roadway Design								1					1	1					
5.3	Bridge Design																			
	Drainage Design										 	00		+	.	ļ				Tanana Flashina Tarff C
	Signing, Markings, & Temp Signalization Traffic Control				1	20			20			20	+	+	1	 		-	60	Temporary Flashing Traffic Signals
	Water Quality Design										 			+	-	 				
	Deliverables (Pre-30%/30%/60%/90%/100%/Final	al 100%)												1	t		1			
6 Permits																				
6 Permits 6.1	General Permit Coordination & Fees				1									+	-	ļ				
6.2	TCEQ CZP Permit	+			-				-				-	+	-	-	 			
7 Bidding Phase Services																				
7 Bidding Phase S																	Ì			
7.1 7.2	Prepare Bidding Documents Attend Pre-Bid Meeting				1									1	1	1	I			<u> </u>
7.3	Bid Tabulation & Award Recommendation													<u> </u>						<u> </u>
7.4	Attend Pre-Construction Conference																			
7.5	Deliverables				1				L	<u> </u>						<u> </u>				<u></u>

Attachment D

SWA#2

Williamson County RONALD REAGAN BLVD. (SEGMENT C2)

RONALD REAGAN BLVD. (SEGMENT C2 EDGE WORK TASK DESCRIPTION A

WORK TASK DESCRIPTION	ASSUMPTIONS/DELIVERABLES ANTICIPATED	Project Manager	Senior QC Reviewer	Senior Drainage Engineer	Senior Project Engineer	Project Engineer	Design Engineer	EIT	Senior GIS Technician	Senior Engineer Technician	CADD Operator	Admin	Sub Total	Labor Cost	Total Sheets	Cost per Sheet
		\$300.00	\$290.00	\$260.00	\$260.00	\$200.00	\$165.00	\$125.00	\$180.00	\$140.00	\$125.00	\$100.00	Hours			
		hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.				
6 Drainage Study																
a.1 Hydrologic Modeling		2	2			16		32					52	\$ 8,380.00		
a.2 Hydraulic Modeling		2	2			24		40					68	\$ 10,980.00		
c. Impact and Mitigation Analysis		2	2	4		16		32					56	\$ 9,420.00		
Subtotal - Drainage Study		6	6	4	0	56	0	104	0	0	0	0	176	\$ 28,780.00		
9 Plan Preparation						•	•		•							
b. Design Criteria & Conceptual Layout		4	8			40		80					132	\$ 21,520.00		
d.3 Drainage - Parallel Drainage		4	8			48		80					140	\$ 23,120.00	9	\$ 2,568.89
d.3 Drainage - Cross Drainage		2	4			16		24					46	\$ 7,960.00	3	\$ 2,653.33
g.1 Water Quality - BMP Design and WPAP		24	12	12		140		200					388	\$ 66,800.00		
Subtotal - Drainage Study		34	32	12	0	244	0	384	0	0	0	0	706	\$ 119,400.00		
Hours %		4.54%	4.31%	1.81%	0.00%	34.01%	0.00%	55.33%	0.00%	0.00%	0.00%	0.00%				
Hours		40	38	16	0	300	0	488	0	0	0	0				
Salary Costs %		8.10%	7.44%	2.81%	0.00%	40.49%	0.00%	41.17%	0.00%	0.00%	0.00%	0.00%				
Salary Costs		\$12,000	\$11,020	\$4,160	\$0	\$60,000	\$0	\$61,000	\$0	\$0	\$0	\$0		\$148,180.00		

UNIT COSTS EXPENSES	Unit	Qty	Rate	Cost

DIRECT NON-LABOR EXPENSES		Unit	Qty	Rate	Cost	1
Mileage		Mile		\$0.670	\$0.00	Cur
TCEQ WPAP Application Fee	Assuming project is between 10 to 40 acres	each		\$6,500.000	\$0.00	

Current State Rate

SUBTOTAL - UNIT COST EXPENSES:	\$0.00
SUBTOTAL - DIRECT NON-LABOR EXPENSES:	\$0.00
SUBTOTAL LABOR:	\$148,180.00
TOTAL	\$148,180.00