SUPPLEMENTAL WORK AUTHORIZATION NO. <u>3</u> TO WORK AUTHORIZATION NO. <u>2</u>

WILLIAMSON COUNTY PROJECT: RONALD REAGAN CORRIDOR SEGMENT C

This Supplemental Work Authorization No. <u>3</u> to Work Authorization No. <u>2</u> is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated <u>March 9, 2021</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>2</u> dated effective <u>November 17, 2021</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 Work Authorization shall terminate on <u>December 31</u>, <u>2023</u>. 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). **See Attachment C**
- III. The maximum amount payable for services under the Work Authorization is hereby increased from \$404,706.49 to \$459,931.49 (\$55,225.00). The revised Work Schedule is attached hereto as Attachment "D" (must be attached). See Attachment D

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: Signature	By:Signature
Brian Huntsinger, PE	Signature
Printed Name	Printed Name
Regional Vice President	
Title	Title
6/7/2023	
Date	Date
LIST OF ATTACHMENTS	
Attachment B - Services to be Provided by Enginee	er
Attachment C - Work Schedule	

Attachment D - Fee Schedule

APPROVED

By Kate wilder at 7:54 am, Jun 08, 2023

ATTACHMENT B SERVICES TO BE PROVIDED BY THE ENGINEER FOR RONALD REAGAN CORRIDOR SEGMENT C

PROJECT DESCRIPTION

Project Limits

The proposed project limits are as follows:

Ronald Reagan Blvd. from FM 3405 to RM 2238 (Williams Drive) for approximately 4.0 miles.

Proposed Facility

The proposed ultimate facility is a controlled access facility with 2 two-lane main lanes, 2 two-lane frontage roads, ramps, 2 shared use paths (one on each side of the right-of-way). The proposed right-of-way (ROW) width will typically be 300 feet wide; however, it may vary to accommodate drainage, including detention ponds and drainage easements.

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

 Additional project coordination with client, City, adjacent projects, and design team to implement new site development information, interchange geometry at FM 3405, CR 289 overpass removal, and ramp re-configurations.

2. ROUTE AND DESIGN STUDIES

• Additional preparation of ramp diagrams and H&H report to implement new site development information, ramp re-configurations, and impacts to drainage structures/models.

3. SCHEMATIC DEVELOPMENT

- a. Schematic Design
 - Additional preparation of Final Schematic design to incorporate various adjacent design projects, including:
 - Design team coordination and redesign of geometrics to accommodate new direct connector/interchange project at the FM 3405 project tie-in
 - Design team coordination and redesign of geometrics to accommodate Corridor I project at FM 3405 tie-in
 - Design of on/off ramp re-configurations (6 ramp locations) to accommodate FM 3405 direct connectors, Corridor I, intersection changes, and new site developments
 - Update of geometrics at major intersections and cross-street locations (3 locations) to include new turn-arounds, transitions along side streets, removal of overpass at CR 289, and additional accommodations for new site developments.
 - Conversion of drainage structures from initial culvert configurations to bridge spans, including adjustments due to revisions in roadway geometry.
 - Additional preparation of updated typical sections, model, and cross-sections for the proposed design changes.

• Additional preparation of cost estimate for the construction quantities reflecting the requested proposed design changes.

b. Deliverables:

- Updated Final Schematic Layout
- Updated Final Schematic Cross-Sections
- Updated Final Engineer's Cost Estimate

ATTACHMENT C
PROJECT SCHEDULE - WA02 Schematic Development | Finds | Predecessors | The pre Task Name
WA02-Ronald Reagan Corridor Segment C ♠ 11/16 0 days Tue 11/16/21 Tue 11/16/21 Notice to Proceed Data Collection/DSR Development 20 days Tue 11/16/21 Mon 12/13/21 2 Develop Preliminary Schematic Alignment/ROW 60 days Tue 12/14/21 Mon 3/7/22 3 footprint 45 days Tue 3/8/22 Mon 5/9/22 4 Prepare Preliminary Drainage Study 30 days Tue 3/8/22 Mon 4/18/22 4 Prepare Preliminary Cross-sections 10 days Tue 4/19/22 Mon 5/2/22 6 Impacts/Constraints List 8 Submit Preliminary Schematic Package to Wilco 0 days Mon 5/2/22 Mon 5/2/22 7 **6** 5/2 9 Receive Preliminary Schematic Review & SWA 288 days Tue 5/3/22 Thu 6/8/23 8 Comments from Wilco Address County Comments and Prepare
Updated Final Schematic Alignment/ROW
Footprint

13 days Fri 6/9/23 Tue 6/27/23 9 11 Prepare Final Cross-sections 3 days Wed 6/28/23 Fri 6/30/23 10 Submit Updated Final Schematic Package to 0 days Fri 6/30/23 Fri 6/30/23 11 Wilco 6/30 13 Receive Final Schematic Review Comments from 3 days Mon 7/3/23 Wed 7/5/23 12 Wilco 14 Address County Comments and Prepare Final 3 days Thu 7/6/23 Mon 7/10/23 13 Schematic Package 15 Schematic Approval/Acceptance by Wilco 0 days Mon 7/10/23 Mon 7/10/23 14 Page 1 ATTACHMENT C

ATTACHMENT D - FEE SCHEDULE

SUMMARY OF FEES													
	LABOR	REIMB/ODE	TOTAL										
VOLKERT (DESIGN)	\$55,225.00	\$0.00	\$55,225.00										
	\$55,225.00	\$0.00	\$55,225.00										

Schedule: 4 weeks (est.)



ESTIMATE OF LABOR

DATE:	06/06/23	

VOLKERT, INC.

CLIENT: PROJECT NAME:

FIRM:

WILLIAMSON COUNTY
RONALD REAGAN CORRIDOR-SEGMENT C

WORK AUTHORIZATION: 02 WILLIAMSON

COUNTY:	WILLIAMSON																		
SK	CLASSIFICATION	Project Principal	Project Mgr	Quality Mgr	Senior Engineer	Project Engineer	Design Engineer	EIT	Sr. Struct. Engineer	Struct. Engineer	Sr. Eng Tech	Sr. CADD Operator	CADD Operator	Utility Eng	GIS Analyst	GIS Tech	Admin Clerical	TOTAL	
SUMMARY OF HOURS	BILLING RATES	\$275.00					\$160.00	\$135.00	\$245.00	\$195.00	\$140.00	\$125.00			\$130.00		\$80.00	TOTAL	
1 Project Management		2	18	7=10100	9	7100.00	7100100	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7=10100	7100100	9	712000	710000	7 100111	7100100	711010	70000	38	
2 Route and Design Studi	ies		10		10			4			10							34	
3 Schematic Developmen		2	14	2	28	8		48			156							258	1
	TOTAL HOURS	4	42	2	47	8		52			175							330	
	Percentage of Total Labor	1%	13%	1%	14%	2%		16%			53%							100%	
SUMMARY OF COSTS																			
1 Project Management		\$550	\$4,500		\$1,935						\$1,260							\$8,245.00	14.93%
2 Route and Design Studi	ani	,	\$2,500		\$2,150			\$540			\$1,400							\$6,590.00	1
		\$550		\$480	\$6.020	\$1.520		\$6.480			\$21.840							\$40,390.00	1
3 Schematic Developmen REIMBURSABLE COST		\$330	\$3,500	\$480	\$0,020	\$1,520		\$0,480			\$21,840							\$40,390.00	73.14%
KEIMIDOROADEE COOT	TOTAL COSTS	\$1,100	\$10,500	\$480	\$10,105	\$1,520		\$7,020			\$24,500							\$55,225.00	100.00%
	TOTAL COSTS	\$1,100	\$10,500) \$400	\$10,105	\$1,52U		\$1,020			\$24,500							\$55,225.00	100.00%
Project Management		2	18		9						9							38	3
1 Project Manager	ment																		
	Project Coordination/Administration	2	10		5						5							22	2
	Monthly Reports/Invoicing		4															4	
	QA/QC Plan																		
	Project Meetings		4		4						4							12	2
1.5	Scheduling																		
Route and Design Studi	ies		10		10			4			10							34	l e
2 Route and Desig	an Studies							 											
	Data Collection																		
2.2	Stakeholder Research/Coordination		4		4													8	3
2.3	Design Summary/Alternatives		4		4			4			10							22	2
2.4	Design Criteria																		
2.5	Design Summary Reports		2		2													4	Į .
Schematic Developmen	nt	2	14	2	28	8		48			156							258.0	
3 Schematic Design	gn																		
	Final Schematic Prep	2	6	2	20			30			100							160.0	
3.2	Final Cross-sections Prep		4		4			10			48							66.0	
	Final Cost Estimate Prep		4		4	8		8			8							32.0	



VOLKERT, INC.

WILLIAMSON

02

WILLIAMSON COUNTY

RONALD REAGAN CORRIDOR-SEGMENT C

FIRM:

CLIENT:

COUNTY:

PROJECT NAME:

WORK AUTHORIZATION:

TASK BREAKDOWN

IASK BREAKDOWN				
		DATE:	06/06/23	

TASK	CLASSIFICATION	Project	Project	Quality	Senior	Project	Design	EIT	Sr. Struct.			Sr. CADD	CADD	Utility	GIS	GIS	Admin			
SUMMARY OF HOURS	BILLING RATES	Principal	Mgr \$250.00	Mgr	\$215.00	Engineer \$190.00	\$160.00	\$125.00	Engineer \$245.00	Engineer \$195.00		Operator \$125.00	Operator \$100.00	Eng	Analyst \$130.00	Tech	Clerical \$80.00		TOTAL	
	DILLING RATES	\$215.00	\$250.00	φ 24 0.00	\$215.00	\$190.00	\$100.00	φ133.00	\$245.00	\$195.00	\$140.00	\$125.00	\$100.00	\$130.00	\$130.00	φ115.00	\$00.00			
1 Project Management		2	10		9						9								38	
2 Route and Design Studies			10		10			4			10								34	
3 Schematic Development		2	14	2		8		48			156								258	
	TOTAL HOURS	4	42		71	8		52			175								330	
	Percentage of Total Labor	1%	13%	1%	14%	2%		16%			53%								100%	
SUMMARY OF COSTS				I	T					1	1	I		1	T I		ı ı	T	ı	
1 Project Management		\$550	\$4,500		\$1,935						\$1,260								\$8,245.00	14.93%
2 Route and Design Studies			\$2,500		\$2,150			\$540			\$1,400								\$6,590.00	11.93%
3 Schematic Development		\$550	\$3,500	\$480		\$1,520		\$6,480			\$21,840								\$40,390.00	
REIMBURSABLE COSTS		ф 330	φ3,300	φ400	φυ,υ20	φ1,520		φυ, 4 00			φ21,040			l					φ 4 0,330.00	73.1476
KEIMBORGABLE GOOTG	TOTAL COSTS	¢4.400	\$10,500	\$480	\$10,105	\$1,520		\$7,020			\$24,500				l I				\$55,225.00	100.00%
	TOTAL COSTS	\$1,100	\$10,500	\$46U	\$10,105	\$1,520		\$7,020			\$24,500								\$55,225.00	100.00%
1 Project Management		2	18		9						9								38	
1 Project Management																				
1.1 Project Coordination/A	Administration	2	10		5						5								22	
1.2 Monthly Reports/Invoi			4																4	
1.3 QA/QC Plan																				
1.4 Project Meetings			4		4						4								12	
1.5 Scheduling																				
2 Route and Design Studies			10		10			4			10								34	
2 Route and Design Studies															ĺ		ĺ			
2.1 Data Collection																				
2.2 Stakeholder Research			4		4														8	
2.3 Design Summary/Alte	rnatives		4		4			4			10								22	<u> </u>
2.4 Design Criteria																			4	
2.5 Design Summary Rep	OUTES		2		1 2														1 4	
3 Schematic Development		2	14	2	28	8		48			156								258.0	
3 Schematic Redesign																				
3.1 Direct Connectors Re	-	1	4		6	2		4			20								37.0	
3.2 Corridor I Redesign &	Coordination	1	4		4	2		4			20								00.0	sections/templates, typical sections, drainage
3.3 Ramps Redesign	mast Dadasina		2	1	8	4		20			60								95.0	structures, striping, grading for ROW confirmation,
3.4 Intersections/Cross-st 3.5 Drainage Structures R			2	1	8			18			50								79.0 12.0	H&H/pond reconfiguration, SUP, & cost estimate.
3.5 Drainage Structures R	kedesign		2		2			2			6								12.0	