## SUPPLEMENTAL WORK AUTHORIZATION NO. 6 TO WORK AUTHORIZATION NO. 1

## WILLIAMSON COUNTY ROAD BOND PROJECT: SH 195 at Ronald Reagan Blvd.

This Supplemental Work Authorization No. <u>6</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>April 7, 2020</u> ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and <u>WGI, Inc.</u> (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. <u>1</u> dated effective <u>May 8, 2020</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".
- II. The maximum amount payable for services under the Work Authorization is hereby increased from \$814,389 to \$848,639. The revised Fee Schedule is attached hereto as 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, to be effective as of the date of the last party's execution below.

ENGINEER:	COUNTY:
By: Signature	By:Signature
Keegan Larson, PE	
Printed Name	Printed Name
Vice President, Transportation Operations	
Title	Title
10/23/2024	
Date	Date
LIST OF ATTACHMENTS	
Attachment B – Services to be Provided by Engineer	er
Attachment C – Work Schedule	
Attachment D – Fee Schedule	

### **APPROVED**

By Christen Eschberger at 7:51 am, Nov 14, 2024

# ATTACHMENT B SUPPLEMENTAL SERVICES TO BE PROVIDED BY THE ENGINEER FOR SH 195 AT RONALD REAGAN BOULEVARD

#### The following additions are made to supplement Attachment B of Work Authorization No. 1:

#### 1. PROJECT MANAGEMENT

- a. One-time additional compiling, signing and sealing of the final plans for the update to TxDOT 2024 Bid Codes and specifications.
- b. Continued Consultant Coordination with Williamson County and its GEC for the Final Plans submittal.

#### 8. Plans, Specs & Estimates

- a. Review updated TxDOT standards, specifications, area notes, and bid codes for 2024 lettings.
- b. One-time plans update of summary of quantity sheets, general notes, and TxDOT standards.
- c. One-time cost estimate update to reflect updated 2024 Bid Codes, and unit prices based from TxDOT Bid Items Averages.

#### SH 195 at Ronald Reagan Blvd. Attachment C - Work Schedule

Activity					202	20									2	021											20	022					
Activity	May	June	J	uly /	August !	Septembe	October	Novembe	r December	January	February	March	April	May	June	July	August	Septembe	r October	Novembe	December	January	February	March	April	May	June	July	August	Septembe	October	November [	Decembe
	NTP																																
Project Management																																	
2. Route and Design Studies																																	
3. Public Involvement																																	
4. Right of Way Mapping																																	
5. Design Surveying																																	
6. Environmental Services																																	
7. Geotechnical Services																																	
8. Plan Preparation (PS&E) Services																																	
9. Bidding & Construction Phase Services															30%						60%										90%		

Activity							2	1023											20	24											20	25				
Activity	January	Februa	y Mar	ch .	April	May	June	July	August	Septembe	er Octobe	er November	December	January	Februa	ary March	April	May	June	July	August	September	October N	November	December	January	February	March	April	May	June	July	August	September Octo	ber Novem	nber December
																												Advertise		Letting						
Project Management																																				
2. Route and Design Studies																																				
3. Public Involvement																																				
4. Right of Way Mapping																																				
5. Design Surveying																																				
6. Environmental Services																																				
7. Geotechnical Services																																				
8. Plan Preparation (PS&E) Services																																				
9. Bidding & Construction Phase Services					Final					Final					Fina	ıl								Final												

#### Attachment D - SWA 6 to WA 1 Fee Schedule

	,	WA #1	W	A #1 WGI	WA	#1 Subs	9	SWA #2	S	WA #2 WGI		SWA #2	9	SWA #4	SW	VA #4 WGI	5	SWA #5	SW	/A #5 WGI	9	WA #6	SW	/A #6 WGI
	C	Current	(	Current	С	urrent	N	lax. Fee		Revised	Re	vised Total	N	1ax. Fee	1	Revised	M	lax. Fee	- 1	Revised	N	lax. Fee		Revised
	Aut	horization	Aut	horization	Auth	norization	Adj	iustments	Αι	uthorization	Au	thorization	Adj	justments	Aut	thorization	Adj	ustments	Aut	thorization	Adj	ustments	Aut	thorization
1. Project Management	\$	77,920	\$	77,920	\$	-	\$	34,100	\$	112,020	\$	112,020	\$	24,400	\$	136,420	\$	5,900	\$	142,320	\$	6,350	\$	148,670
2. Route and Design Studies	\$	49,600	\$	49,600	\$	-	\$	-	\$	49,600	\$	49,600	\$	3,180	\$	52,780	\$	-	\$	52,780	\$	-	\$	52,780
3. Public Involvement	\$	9,200	\$	7,000	\$	2,200	\$	-	\$	7,000	\$	9,200	\$	(9,200)	\$	-	\$	-	\$		\$	-	\$	-
4. Right of Way Mapping	\$	37,280	\$	37,280	\$	-	\$	-	\$	37,280	\$	37,280	\$	-	\$	37,280	\$	10,640	\$	47,920	\$	-	\$	47,920
5. Design Surveying	\$	72,320	\$	72,320	\$	-	\$	5,860	\$	78,180	\$	78,180	\$	-	\$	78,180	\$	-	\$	78,180	\$	=	\$	78,180
6. Environmental Services	\$	32,925	\$		\$	32,925	\$	-	\$		\$	32,925	\$	-	\$	32,925	\$	-	\$	32,925	\$	-	\$	32,925
7. Geotechnical Services	\$	38,256	\$	-	\$	38,256	\$	(5,442)	\$	(5,442)	\$	32,814	\$	4,105	\$	36,919	\$	-	\$	36,919	\$	-	\$	36,919
8. Plan Preparation (PS&E) Services	\$	258,296	\$	251,916	\$	6,380	\$	95,419	\$	347,335	\$	353,715	\$	8,645	\$	362,360	\$	-	\$	362,360	\$	27,900	\$	390,260
9. Bidding & Construction Phase Services	\$	13,120	\$	13,120	\$	-	\$	-	\$	13,120	\$	13,120	\$	-	\$	13,120	\$	47,865	\$	60,985	\$	-	\$	60,985
Reimbursable Expenses	\$	10,100	\$	9,000	\$	1,100	\$	-	\$	9,000	\$	10,100	\$	(10,100)	\$	-	\$	-	\$	-	\$	-	\$	-

Total \$ 599,017 \$ 518,156 \$ 80,861 \$ 129,937 \$ 648,093 \$ 728,954 \$ 21,030 \$ 749,984 \$ 64,405 \$ 814,389 \$ 34,250 \$ 848,639

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WGI Personnel Classification	WGI Admin/Clerical - Junior	Project Manage Caniar/ Drincinal In	WGI Project Manager - Senior/ Principal in Charge	WGI Task Leader - Junior	WGI Project Engineer - Senior	Terracon Senior Principal / Officer / Consultant, P.E.	Terrecon Project Engineer	Terracon Administrate Staff	M&M Senior Project Manager	M&M Structural Engineer	M&M Engineer Technician	M&M Admin/Clerical	Principal Surveyor	Professional Surveyor	Sr. Survey Technician	2-Person Field Crew
Hourly Rate	\$ 65.0	0 \$	340.00	\$ 220.00	\$ 245.00	\$ 255.00	\$ 140.00	\$ 55.00	\$ 240.00	\$ 185.00	\$ 115.00	\$ 80.00	\$ 275.00	\$ 160.00	\$ 150.00	\$ 170.00
Task/Activity												-				
1. Project Management																
a. Communication																
b. Monthly Project Report																
- Invoicing																
c. Project Specific QA/QC Plan																
- Quality Assurance at Milestones																
d. Project Administration																
- Contract Maintenance & Project Documentation																
- Consultant Team Management			5	10	10											
- Assist Responding to Inquiries																
e. Prepare for and Host Project Progress Meetings w/County or																
others (TxDOT?) (included in WA #1 hours)	<u> </u>		]				<u> </u>		<u> </u>					<u> </u>		<u>                                      </u>
- Project Meeting Documentation																
f. Project Schedule Updates (additional 12 months)																
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\$ 6,350	\$	- \$	1,700	\$ 2,200	\$ 2,450	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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WGI Personnel Classification		WGI Admin/Clerical - Junior		WGI Project Manager - Senior/ Principal In Charge	WGI Task Leader - Junior		WGI Project Engineer - Senior	Terracon Senior Principal / Officer / Consultant, P.E.	Terrecon Project Engineer	Terracon Administrate Staff	M&M Senior Project Manager		M&M Structural Engineer	M&M Engineer Technician	M&M Admin/Clerical		Principal Surveyor		Professional Surveyor		Sr. Survey Technician	2-Person Field Crew
Hourly Rate	\$	(	65.00	\$ 340.00	\$ 220.00	\$	245.00	\$ 255.00	\$ 140.00	\$ 55.00	\$ 240.00	\$	185.00	\$ 115.00	\$ 80.00	\$	275.00	\$	160.0	00 \$	150.00	\$ 170.00
Task/Activity																						
2. Route and Design Studies																						
a. Data Collection																						
- Collect and review existing data																						
- Identify ENV constraints																						
- Field Investigations																						
b. Conceptual Design																						
- Develop Conceptual Layout & ROW Req'ts																						
- Create Conceptual Cost Estimate																						
c. Establish Design Criteria (Design Summary Form)																						
d. Traffic Operations Analysis Report Updates																						
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3. Public Involvement																						
-Develop Exhibits, Fact Sheets, and FAQ Sheets for 2 meetings																						
- Attend PI Meetings upon Request	1																	1				
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WGI Personnel Classification	WG Admin/Clerical - Innior	Wal Adminiy Clerical - Jumol	WGI Project Manager - Senior/ Principal In Charge	WGI Task Leader - Junior		WGI Project Engineer - Senior	Terracon Senior Principal / Officer / Consultant, P.E.	Terrecon Project Engineer	Terracon Administrate Staff	M&M Senior Project Manager	M&M Structural Engineer	M&M Engineer Technician	M&M Admin/Clerical	Principal Surveyor	Professional Surveyor	Sr. Survey Technician	2-Person Field Crew
Hourly Rate	\$	65.00	\$ 340.0	\$ 220	.00 Ś	245.00	\$ 255.00	\$ 140.00	\$ 55.00	\$ 240.00	\$ 185.00	\$ 115.00	\$ 80.00	\$ 275.00	\$ 160.00	\$ 150.00	\$ 170.00
Task/Activity	7			7	- 7		,	7	7	7	7	7	7	T =:0:00	7	7	7 27 57 57
4. ROW Mapping					_												
a. Develop Abstract Map & ROW Maps																	-
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b. Prepare ROE Letter(s) and obtain ROE				1	_			ļ								<b></b> '	$oxed{oxed}$
c. Prepare Acquisition Documents - 0 Parcel Assumed																	
d. ROW Field work									L		l			L			
e. ROW Office work							•										
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5. Field Surveying					_												
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a. Field Survey and Office Processing													0		0	ļ	0
- Verify/Establish hor. & vert. control and set temp. benchmarks - Locate approx 3 boreholes  0 \$ -	Ś	) _	0 \$ -	0	· Ś	0 -	0 \$ -	0 \$ -	0 \$ -	0 \$ -	0 \$ -	0 \$ -	0 \$ -	0 \$ -	0 \$ -	0 \$ -	0 5 -
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6. Environmental Services																·	
a. Constraints Mapping																L	
- Wilco Due Diligence																ļ	
b. Wilco and TxDOT ENV Clearance																	
c. Data Collection & Field Recon.																	
d. Air Quality Analysis				1				1									
e. Traffic Noise Statement				1				1	1	1	1	1		1			1
f. HazMat Initial Site Assessment				1				1									<del>                                     </del>
g. Section 404 Compliance				1				1				1					<del>                                     </del>
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h. FPPA				+				<b>!</b>	ļ	ļ	ļ	ļ		ļ	ļ	·	<b></b>
i. Chapt 26 Compliance								ļ								<b></b>	
j. Historic Resources					_			ļ									
- APE/Agency Coordination																<u> </u>	
- Fieldwork								<u> </u>	<u> </u>					<u> </u>	L		
- Draft and Final HRSR											1						
k. Archeological Background Study & Survey				1				1				İ					
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7 Cantachulari Camiras					-												
7. Geotechnical Services				+				1	1		1	1		1			<b></b>
a. Soil Borings					_			ļ									ļ
b. Geotech Report (incl Pvmt Design)								<u> </u>								<u></u>	
c. Global Stability Analysis / Report Updates													-				
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Task/Activity															
8. Plans, Specs & Estimates															
a. Roadway															
- Title Sheet															
- Index of Sheets															
			-												
- Project Layout															
- Typical Sections															
- General Notes															
- Survey Data															
- Horizontal & Vertical Alignment Data															
- Summary Sheets			20	20											
- Removal Plans															
- Roadway P&Ps															
- Roadway Standards & Details			20	20											
- Intersection Illumination Plans (include ramp connections plus northern intersection of SH 195 and Rattlesnake Road)															
- Miscellaneous			20	20											
- Cross Sections (50' Spacing)															
- Develop Specifications List															
b. Traffic Control															
-TCP															
c. Drainage															
- Drainage Area Maps & Hydrologic Data															
- Hydraulic Computations	İ	İ	1	İ			İ	İ	İ	İ					$\overline{}$
- Culvert/Drainage Structure Layouts															
- Drainage Standard Details	-						-		-						
	-	-	-	-			-	-	-	-					
d. Signing and Pavement Markings Layouts	ļ	ļ	-				<b> </b>		ļ						
e. Stormwater Pollution Prevention Plan/Erosion Control			1												
f. Water Quality - Edwards Aquifer Recharge Zone															
g. Construction Cost Estimate (30/60/90/Final)															
h. Spread Footing Retaining Wall Design and Plans															
120	0	0	60	60	0	0	0	0	0	0	0	0	0	0	0
\$ 27,900	\$ -	\$ -	\$ 13,200.00	\$ 14,700.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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Hourly Rate	\$		65.00	\$ 340.00	\$ 220.00	\$ 245.00	\$ 255.00	\$ 140.00	\$ 55.00	\$ :	240.00	\$ 18	5.00	\$ 1	15.00	\$ 80.00	\$ 275.00	\$ 160.0	0 \$	150.00	\$ 170.00
Task/Activity																					
Bidding & Construction Phase Services																					
Project Administration																					
- Contract Maintenance & Project Documentation																					
- Consultant Team Management																					
a. Bidding Services																					
- Attend pre-bid Meeting																					
- Prepare Addenda (up to 3)																					
- Respond to bidder's questions																					
- Analyze bids & Prepare Bid Tabulation																					
- Attend Pre-Construction Conf.																					
b. Requests for Information																					
c. Review Contractor Submittals & Shop Drawings																					
d. Plan Revisions																					
e. Attend Meetings																					
f. Water Quality BMP Certification																					
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Contract Totals																					
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\$ 34,250	\$		-	\$ 1,700	\$ 15,400	\$ 17,150	\$ -	\$ -	\$ -	\$	-	\$	-	\$	-	\$ -	\$ -	\$ -	\$	-	\$ -
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