



**SUPPLEMENTAL WORK AUTHORIZATION NO. 9**  
**TO**  
**WORK AUTHORIZATION NO. 2**

**WILLIAMSON COUNTY ROAD BOND PROJECT:**  
**CR 101 (US 79 to North of Chandler Road)**

This Supplemental Work Authorization No. 9 to Work Authorization No. 2 is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated April 02, 2015 ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Brown & Gay Engineers, Inc (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. 2 dated effective July 29, 2015 (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 County that were set out in the original Attachment "A" of the Work Authorization are not amended.
- II. 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".
- III. The Work Authorization shall terminate on November 30, 2019. 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".
- IV. The maximum amount payable for services under the Work Authorization is hereby increased from \$1,586,146.50 to \$1,608,146.50. 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, in duplicate, to be effective as of the date of the last party's execution below.

**ENGINEER:**

By: Erin N. Gonzales  
Signature

Erin N. Gonzales, PE  
Printed Name

Director, Transportation Systems  
Title

1/9/2020  
Date

**COUNTY:**

By: \_\_\_\_\_  
Signature

Bill Gravell Jr.  
Printed Name

Williamson County Judge  
Title

\_\_\_\_\_  
Date

OK  
m 1/14/2020

**LIST OF ATTACHMENTS**

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

**ATTACHMENT B-9**  
**SERVICES TO BE PROVIDED BY THE ENGINEER**

**GENERAL**

The work to be performed by the ENGINEER under this work authorization shall consist of providing revisions to the designs and associated plans, specifications and estimate (PS&E) for the accommodation of the proposed interchange project at SH 79 and CR 101 (Corridor E).

The ENGINEER will perform all work and prepare all deliverables in accordance with the applicable/current requirements of the Williamson County Design Criteria Manual, the TxDOT 2011 Texas Manual of Uniform Traffic Control Devices for Streets and Highways, including latest revisions, and the TxDOT 2014 Standard Specifications for Construction of Highways, Streets, and Bridges (English units).

**FC 160      ROADWAY DESIGN CONTROLS**

Revisions to reflect changes in proposed improvements to accommodate proposed interchange

The ENGINEER will create a transition alignment and profile

The ENGINEER will revise superelevation regarding transition

The ENGINEER will revise plan sheets to incorporate transition/exception

**FC 163      MISCELLANEOUS ROADWAY**

The ENGINEER will revise TCP and Construction Sequencing to accommodate proposed interchange

**FC 164      PROJECT MANAGEMENT**

Project Management

The ENGINEER will provide continuous coordination with GEC review team to implement changes in proposed design to accommodate proposed interchange.



ATTACHMENT D-9-FEE SCHEDULE (BROWN & GAY ENGINEERS, INC.)

PRIME PROVIDER NAME: BROWN & GAY ENGINEERS, INC.  
WORK AUTHORIZATION #2 SUPPLEMENTAL WORK AUTHORIZATION #9

TASK DESCRIPTION	PROJECT DIRECTOR	Sr PROJECT MANAGER	Sr STRUCT ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	Sr CAD TECH	SURVEY MANAGER	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
ROUTE & DESIGN STUDIES (FC 110)													
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0	0	0	0		
CONTRACT RATE PER HOUR	255	220	235	175	150	125	135	115	105	145			
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
% DISTRIBUTION OF STAFFING	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
SUBTOTAL (FC 110)											\$0.00		

TASK DESCRIPTION	PROJECT DIRECTOR	Sr PROJECT MANAGER	Sr STRUCT ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	Sr CAD TECH	SURVEY MANAGER	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
ENVIRONMENTAL STUDIES (FC 120)													
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0	0	0	0		
CONTRACT RATE PER HOUR	255	220	235	175	150	125	135	115	105	145			
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
% DISTRIBUTION OF STAFFING	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
SUBTOTAL (FC 120)											\$0.00		

TASK DESCRIPTION	PROJECT DIRECTOR	Sr PROJECT MANAGER	Sr STRUCT ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	Sr CAD TECH	SURVEY MANAGER	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
DESIGN SURVEY & ROW (FC 140)													
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0	0	0	0		
CONTRACT RATE PER HOUR	255	220	235	175	150	125	135	115	105	145			
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
% DISTRIBUTION OF STAFFING	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
SUBTOTAL (FC 140)											\$0.00		

TASK DESCRIPTION	PROJECT DIRECTOR	Sr PROJECT MANAGER	Sr STRUCT ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	Sr CAD TECH	SURVEY MANAGER	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
ROADWAY DESIGN (FC 160)													
PLAN SHEET UPDATES TO ACCOMMODATE INTERCHANGE PROJECT	6	10	12	12	25	30					88		
HOURS SUB-TOTALS	0	10	0	12	0	25	30	0	0	0	0		
CONTRACT RATE PER HOUR	255	220	235	175	150	125	135	115	105	145			
TOTAL LABOR COSTS	\$2,400.00	\$2,200.00	\$0.00	\$2,100.00	\$0.00	\$3,125.00	\$4,050.00	\$0.00	\$0.00	\$0.00	\$13,880.00		
% DISTRIBUTION OF STAFFING	9.1%	11.4%	0.0%	13.6%	0.0%	31.6%	34.1%	0.0%	0.0%	0.0%			
SUBTOTAL (FC 160)											\$13,880.00		

TASK DESCRIPTION	PROJECT DIRECTOR	Sr PROJECT MANAGER	Sr STRUCT ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	Sr CAD TECH	SURVEY MANAGER	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
DRAINAGE (FC 181)													
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0	0	0	0		
CONTRACT RATE PER HOUR	255	220	235	175	150	125	135	115	105	145			
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
% DISTRIBUTION OF STAFFING													
SUBTOTAL (FC 181)											\$0.00		
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0	0	0	0		

**ATTACHMENT D-9 FEE SCHEDULE (BROWN & GAY ENGINEERS, INC.)**

PRIME PROVIDER NAME: BROWN & GAY ENGINEERS, INC.  
WORK AUTHORIZATION #2 SUPPLEMENTAL WORK AUTHORIZATION #9

CONTRACT RATE PER HOUR		255	270	285	300	315	330	345	360	375	390	405	420	435	450		
TOTAL LABOR COSTS		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
% DISTRIBUTION OF STAFFING		#3170	#3170	#3170	#3170	#3170	#3170	#3170	#3170	#3170	#3170	#3170	#3170	#3170	#3170		
SUBTOTAL (FC 13)																\$0.00	
TASK DESCRIPTION		PROJECT DIRECTOR	ST PROJECT MANAGER	SR STRUCT ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	ST CAD TECH	SURVEY MANAGER	TOTAL LABOR HRS & COSTS		NO OF DWGS	LABOR HRS PER SHEET		
MISCELLANEOUS (FC 14)		4	5			9	10	12				46					
CONSTRUCTION SEQUENCING UPDATE												0					
												0					
												0					
												0					
HOURS SUB-TOTALS		4	5			9	10	12				46					
CONTRACT RATE PER HOUR		255	270	285	300	315	330	345	360	375	390	\$1,062.00					
TOTAL LABOR COSTS		\$1,020.00	\$1,350.00	\$0.00	\$0.00	\$1,200.00	\$2,000.00	\$1,520.00	\$0.00	\$0.00	\$0.00	\$1,062.00					
% DISTRIBUTION OF STAFFING		8.7%	13.0%	0.0%	0.0%	17.4%	34.0%	26.1%	0.0%	0.0%	0.0%	\$1,062.00					
SUBTOTAL (FC 14)												\$1,062.00					
TASK DESCRIPTION		PROJECT DIRECTOR	ST PROJECT MANAGER	SR STRUCT ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	ST CAD TECH	SURVEY MANAGER	TOTAL LABOR HRS & COSTS		NO OF DWGS	LABOR HRS PER SHEET		
MANAGING CONTRACTED PER SURVEY & SURVEY CONTRACTS (FC 14)		2	2									4					
DISCUSSION REGARDING PROJECT CHANGE 3												0					
												0					
												0					
HOURS SUB-TOTALS		2	2									4					
CONTRACT RATE PER HOUR		255	270	285	300	315	330	345	360	375	390	\$1,062.00					
TOTAL LABOR COSTS		\$510.00	\$440.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,062.00					
% DISTRIBUTION OF STAFFING		50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	\$1,062.00					
SUBTOTAL (FC 14)												\$1,062.00					
TASK DESCRIPTION		PROJECT DIRECTOR	ST PROJECT MANAGER	SR STRUCT ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	ST CAD TECH	SURVEY MANAGER	TOTAL LABOR HRS & COSTS		NO OF DWGS	LABOR HRS PER SHEET		
BRIDGE DESIGN (FC 17)																	
HOURS SUB-TOTALS																	
CONTRACT RATE PER HOUR		255	270	285	300	315	330	345	360	375	390	\$1,062.00					
TOTAL LABOR COSTS		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00					
% DISTRIBUTION OF STAFFING		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	\$0.00					
SUBTOTAL (FC 17)												\$0.00					

**PRIME PROVIDER NAME: BROWN & GAY ENGINEERS, INC.  
WORK AUTHORIZATION #2 SUPPLEMENTAL WORK AUTHORIZATION #9**

	DESCRIPTION	# OF UNITS	COST/UNIT \$	TOTAL MH BY FC	TOTAL COSTS BY FC
	ROUTE AND DESIGN STUDIES (FC 110)		\$ 800.00	0	\$0.00
	ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT (FC 120)		\$0.575	0	\$0.00
	DESIGN SURVEYS & ROW (FC 150)		\$396.00	0	\$0.00
	ROADWAY DESIGN (FC 160)		NONE	88	\$13,880.00
	DRAINAGE (FC 181)		\$495.00	0	\$0.00
	MISCELLANEOUS (FC 183)		\$0.25	0	\$0.00
	MANAGING CONTRACTED PER SERVICES & SURVEY CONTRACTS (FC 184)		\$3.00	40	\$7,800.00
	BRIDGE DESIGN (FC 170)		\$5.00	4	\$950.00
	SUBTOTAL LABOR EXPENSES		\$2.00	0	\$0.00
	OTHER DIRECT EXPENSES COMPLETE IN ACCORDANCE WITH YOUR CONTRACT			138	\$22,000.00
	Air Travel				\$0.00
	Mileage (# of miles) (Current IRS rate)				\$0.00
	Pet Care				\$0.00
	HOME				\$0.00
	Photocopies BW(11 X 17)				\$0.00
	White Mylar (11 X 17)				\$0.00
	CD Archive				\$0.00
	Rail Prints				\$0.00
	Photocopies Color(B 5 X 11)				\$0.00
	Photocopies Color(11 X 17)				\$0.00
	SUBTOTAL DIRECT EXPENSES				\$0.00
	SUMMARY				
	TOTAL COSTS FOR PRIME ONLY		\$22,000.00		
	NON SALARY (OTHER DIRECT EXPENSES) FOR PRIME ONLY		\$0.00		
	GRAND TOTAL		\$22,000.00		