

CONTRACT FOR ENGINEERING SERVICES
SUPPLEMENTAL AGREEMENT NO. 5
TO THE PROFESSIONAL SERVICES AGREEMENT

THIS SUPPLEMENTAL AGREEMENT to contract for engineering services is by and between Williamson County, Texas, a political subdivision of the State of Texas, (*the "County"*) and Huggins/Seiler and Associates, LP (*the "Engineer"*) and becomes effective when fully executed by both parties.

WHEREAS, the *County* and the *Engineer* executed a contract on February 27, 2001;

WHEREAS, the not-to-exceed fee in Exhibit 1, Section 1, Item 1.1 of the agreement as amended by Supplemental Agreement No. 4, limits the maximum amount payable under the agreement to \$1,000,000 and,

WHEREAS, the “*Compensation Cap*” in Exhibit 1, Section 4, Item 4.3 limits the maximum amount payable under the agreement to \$1,000,000; and,

WHEREAS, it has become necessary to amend the agreement.

AGREEMENT

NOW, THEREFORE, premises considered, the *County* and the *Engineer* agree that said contract is amended as follows:

- I. The not-to-exceed fee in Exhibit 1, Section 1, Item 1.1 is hereby increased from \$1,000,000. to \$1,200,000.
- II. The Compensation Cap in Exhibit 1, Section 4, Item 4.3 is hereby increased from \$1,000,000 to \$1,200,000.

All other provisions are unchanged and remain in full force and effect.

Project Name: CR 111 Westinghouse Road

IN WITNESS WHEREOF, the *County* and the *Engineer* have executed this supplemental agreement in duplicate,

ENGINEER:

By:

Signature

Billy L. Huggins

Printed Name

President

Title

1-6-09

Date

COUNTY:

By:

Signature

Dan A. Gattis

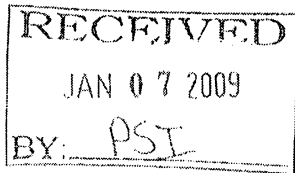
Printed Name

County Judge

Title

Date

OK
my 1/07/09



Project Name: CR 111 (Westinghouse Road)

**ATTACHMENT A
SUPPLEMENTAL NO. 1 TO
WORK AUTHORIZATION NO. 7**

This Work Authorization is made pursuant to the terms and conditions of the Agreement entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (*the "County"*) and Huggins/Seiler & Associates, LP (*the "Engineer"*).

Part 1. The *Engineer* will provide the following engineering services:

Revised PS&E (plans, specifications and estimate) development and submittal for the reconstruction of CR 111 and FM 1460 intersection and continued construction phase services for CR 111 from Kelly Lane to FM 1460

Part 2. The maximum amount payable for services under this Work Authorization without modification is \$286,986.04. This represents an increase in \$50,990.84.

Part 3. Payment to the *Engineer* for the services established under this Work Authorization shall be made in accordance with the Agreement.

Part 4. This Work Authorization shall become effective on the date of final acceptance of the parties hereto and shall terminate on December 31, 2009, unless extended by a Supplemental Work Authorization.

Part 5. This Work Authorization does not waive the parties' responsibilities and obligations provided under the Agreement.

Project Name: CR 111 (Westinghouse Road)

ATTACHMENT A (con't.)

Part 6. This Work Authorization is hereby accepted and acknowledged below.

ENGINEER:

By: Billy L. Huggins
Signature

Billy L. Huggins
Printed Name

President
Title

1-6-09
Date

COUNTY:

Williamson County, Texas

By: Dan A. Gattis
Signature

Dan A. Gattis
Printed Name

County Judge
Title

Date

LIST OF EXHIBITS

Exhibit A - Services to be Provided by County NA

Exhibit B - Services to be Provided by Engineer NA (Replaced with justification letter)

Exhibit C - Work Schedule

Exhibit D - Fee Schedule

OK
MM 1/9/09



116 EAST MAIN
ROUND ROCK, TEXAS 78664

December 30, 2008

Laura Harris, P.E.
Project Manager
HNTB
14 Galloping Road
Round Rock, TX 78681

RE: Supplemental Fees for County Road 111 (Westinghouse Road)

Laura:

This letter is being submitted to provide justification for addition design fees in the amount of \$50,990.84 to provide plans and change order document information for improvements to the CR 111 / FM 1460 intersection and for continued construction support services on the CR 111 project. This amount is requested to cover the additional services considered outside those covered under the existing agreement with Williamson County.

In April of 2008, Huggins/Seiler & Associates (H/SA) was requested to submit a Scope of Services and a proposed fee to provide PS&E for the reconstruction of the CR 111 / FM 1460 intersection and to provide construction phase services for CR 111 from Kelley Lane to FM 1460. This request was approved as Supplemental Agreement No. 4 with an Attachment A called Work Authorization No. 7. This contained a maximum amount payable of \$235,995.20.

This contract was broken down as follows:

- Design Services - \$175,747.20
- Construction Phase Services - \$55,048.00
- Supplemental Survey Services - \$5,200.00

Design services were provided meeting Williamson County design requirements and requests as agreed upon with the County's representative, HNTB. This design included incorporating the ultimate CR 111 section with a piece of the ultimate FM 1460 design TxDOT had pursued. These services were nearing completion when H/SA was redirected to pursue viable alternatives due to right-of-way acquisition problems encountered with the Teravista developers and supplemental concerns of roadway costs for the proposed configuration.

With the above concerns, H/SA pursued development of various alternatives to minimize (and then eventually eliminate) ROW acquisition from Teravista while still providing for left turn movements on all legs of the intersection. It was found that there was no way to provide a left turn lane on the east leg of the intersection without ROW acquisition so H/SA began developing a schematic for left turn lanes on three legs. As time progressed, it became known that ROW acquisition on the east side of FM 1460 (in time for construction) was a good possibility. With this in mind, H/SA began design efforts to provide left turn lanes for all four legs. Unfortunately, the previous tasks (near complete

original intersection design and subsequent design alternatives) had already cost more design time than was submitted in the Supplemental Agreement. Actual charges for the multiple design services described above reached \$188,185.20.

As mentioned briefly, construction phase services were intermingled in this contract. While design services were being conducted, Requests for Information, Shop Drawing Reviews, Technical Specification Reviews and Supplemental Engineering work to provide new median cuts and points of access due to new developments were being developed and provided. These construction services cost the project \$22,239.60.

One other item drew funds from this contract that was not originally perceived. Supplemental geotechnical services were requested to review lime stabilization alternatives for the current construction project. Services were provided by Raba-Kistner to the tune of \$1,066.44. Since there was not an easy way for Williamson County to pay for these services, H/SA agreed to let Raba bill their work authorization directly for payment.

Given the above, \$216,336.74 was spent on this project without the inclusion of design services currently being provided for change order documents to construct intersection improvements. This leaves only \$19,658.46 to continue to provide support on Requests for Information, Shop Drawing Reviews, Technical Specification Reviews and Supplemental Engineering work for the next year+ of this project and for the creation of As-Built Plans at the end of the construction project. Given the dynamic nature of this project to date, this may not be enough to fully support CR 111 to completion.

To date, services for the creation of a review set of plans for the inclusion of the 111 / 1460 intersection into the current construction project have reached over \$35,000 and cannot be billed in its entirety. We will still be addressing any review comments and will submit final drawings for transfer to the contractor under a proposed Change Order but need additional fees to support the work. This, coupled with the need to provide continued construction support throughout the project life cycle, has lead to the request for additional fees of \$50,990.84. This total represents \$37,486.40 for the current intersection design services and \$13,504.44 to replenish the construction services item due to loses from previous re-design efforts and for geotechnical services.

We hope this provides sufficient justification for the approval of the supplemental fees being requested. As always, please contact us if we can be of any further assistance.

Very truly yours,



Jeffery T. Seiler, PE

HUGGINS/SEILER & ASSOCIATES, LP

ATTACHMENT: Supplemental Fee Request

Exhibit C
Work Schedule
CR 111 at FM 1460
Work Authorization #7

Item	2008												2009							
Description	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug		
Authorization to begin W.A. No.7			◆																	
Total Project Time			[Bar from May to Dec]																	
Utility Coordination			[Bar from May to Feb]																	
Utility Identification and Coordination			[Bar from May to Feb]																	
Utility Clear												◆								
Survey / ROW			[Bar from May to Sep]																	
Additional Survey			[Bar from May to Jun]																	
ROW Plans Revisions			[Bar from May to Jun]																	
ROW Acquisition				[Bar from Jun to Sep]																
ROW Clear							◆													
PS & E Development			[Bar from May to Feb]																	
Develop 60% Plans			[Bar from May to Aug]																	
Plan Preparation per Contract Requirements			[Bar from May to Aug]																	
60% Plan Review Mtg						◆														
Develop 90% Plans						[Bar from Aug to Sep]														
Plan Preparation per Contract Requirements						[Bar from Aug to Sep]														
90% Plan Review Mtg							◆													
Develop 100% Plans							[Bar from Sep to Oct]													
Plan Preparation per Contract Requirements							[Bar from Sep to Oct]													
100% Plan Review								◆												
Final Revisions and Submittal - paper copies only								[Bar from Oct to Nov]												
Plan Revisions/Change Order Preparation								[Bar from Oct to Dec]												
Plan Preparation per Contract Requirements								[Bar from Oct to Nov]												
Plan Review								[Bar from Nov to Dec]												
Final PS&E Document Preparation									[Bar from Dec to Jan]											
Final PS&E Documents - Mylar Copy												◆								

EXHIBIT D
Williamson county
CR111 at FM 1460 Intersection CO
H/SA Contract No. 2228.01.00
Supplemental 1 to WA 7

RATES				
Project Manager	PM	\$	46.00	Hour
Engineer V	E5	\$	46.00	Hour
Engr Spec V	ES5	\$	46.00	Hour
Engineer III	E3	\$	42.00	Hour
Engr Spec III	ES3	\$	42.00	Hour
Engineer I	E1	\$	38.00	Hour
Engr Tech III	ET3	\$	34.00	Hour
Clerical	C	\$	15.00	Hour
Final Mylar Plots		\$	-	SF
Reproduction		\$	-	EA
Mileage		\$	-	Mile
Airline Flights		\$	-	EA
Per Diem		\$	-	Day
Mail & Deliveries		\$	-	EA
Overhead Rate			150.00%	
Profit			12.00%	

PROJECT DETAILS			
Project Length			Mi
Railroad Crossings	0		Each
Bridges	0		Each
Channels (Requiring Sections)	0		Each
Bridge Class Culverts	0		Each
Other Culverts	0		Each
Traffic Signals	0		Each
Overhead Sign Bridges (OSB)	0		Each
Cantilever Overhead Signs (COSS)	0		Each
Large Signs	0		Each
ROW Parcels	0		Each
Agency / Committee meetings	0		Each
Public Meetings	0		Each
Public Hearings	0		Each
Environmental Documents:			
	Cat Ex	0	Each
	EA	0	Each
	EIS	0	Each

H/SA SHEET COUNT

**Williamson county
CR111 at FM 1460 Intersection CO**

H/SA Contract No. 2228.01.00
Supplemental 1 to WA 7

F.C. 160 ROADWAY DESIGN CONTROLS	Scale	No	Hrs / Ea
Title Sheet			16.0
Sheet Index			18.0
Project Layout	1"=200'		16.0
Typical Sections		1	24.0
Horizontal Align Data			24.0
Cross Slope Data			24.0
Cross Sections			10.0
Plan / Profile Sheets	1"=50' 1"=10'	2	30.0
Intersection Details	1"=20'		30.0
Roadway Details	1"=20'		24.0
Driveway Details			30.0
Roadway Summaries		1	24.0
Earthwork Summary			24.0
Miscellaneous Summary			24.0
FC 160 Total		4	27.00

F.C. 161 DRAINAGE	Scale	No	Hrs / Ea
Drainage Area Maps	1"=200'		34.0
Hydraulic Computations / Data			20.0
Bridge Hydraulic Data			20.0
Storm Sewer Plan / Profile	1"=50' 1"=5'		30.0
Culvert Cross Section and Details	1"=20' 1"=2'	1	24.0
Bridge Class Culvert Layouts	1"=20' 1"=2'		30.0
Channel Plan / Profile	1"=20' 1"=2'		30.0
Misc Drainage Details			24.0
SW3P	1"=100'	1	16.0
Permanent Erosion, Sedimentation and WP	1"=100'		24.0
Drainage Summaries			24.0
Inlet and Manholes Summary			24.0
Structure Summary			26.0
Erosion Control Summary			24.0
FC 161 Total		2	20.00

F.C. 162 SIGNING, MARKINGS, AND SIGNALIZATION	Scale	No	Hrs / Ea
Signing & Pavement Marking Plans	1"=50'	2	24.0
Large Sign Layouts and Sign Details	1"=100'		24.0
Overhead Sign Support Details			24.0
Signal Layouts and Details	1"=20'		30.0
Pavement Marking Summary		1	20.0
Small Sign Summaries			20.0
Large Sign Summaries			20.0
FC 162 Total		3	22.67

F.C. 163 MISCELLANEOUS (ROADWAY)	Scale	No	Hrs / Ea
Traffic Control Plans	1"=100'	3	30.0
Detour Plan / Profile	1"=100' 1"=10'		30.0
Retaining Wall Layouts	1"=50' 1"=5'		30.0
Illumination	1"=50'		34.0
Railroad Exhibits			40.0
General Notes			26.0
Illumination Summary			26.0
Standards			1.0
FC 163 Total		3	30.00

F.C. 170 BRIDGE DESIGN	Scale	No	Hrs / Ea
Bridge Layouts	1"=40'		40.0
Bridge Details	1"=20'		40.0
Bridge Summaries			27.0
FC 170 Total		0	0.00

H/SA MANHOUR SUMMARY

Sheet 2 of 3

**Williamson county
CR111 at FM 1460 Intersection CO**

**H/SA Contract No. 2228.01.00
Supplemental 1 to WA 7**

F.C. 160	ROADWAY DESIGN CONTROLS	Manhours	Rate	Direct Labor
	Project Manager	8	\$46.00	\$ 368.00
	Engineer V	13	\$46.00	\$ 598.00
	Engr Spec V	13	\$46.00	\$ 598.00
	Engineer III	13	\$42.00	\$ 546.00
	Engr Spec III	23	\$42.00	\$ 966.00
	Engineer I	28	\$38.00	\$ 1,064.00
	Engr Tech III	40	\$34.00	\$ 1,360.00
	Sub-total	138		\$ 5,500.00
F.C. 161	DRAINAGE	Manhours	Rate	Direct Labor
	Project Manager	2	\$46.00	\$ 92.00
	Engineer V	4	\$46.00	\$ 184.00
	Engr Spec V	4	\$46.00	\$ 184.00
	Engineer III	4	\$42.00	\$ 168.00
	Engr Spec III	6	\$42.00	\$ 252.00
	Engineer I	8	\$38.00	\$ 304.00
	Engr Tech III	12	\$34.00	\$ 408.00
	Sub-total	40		\$ 1,592.00
F.C. 162	SIGNING, MARKINGS, AND SIGNALIZATION	Manhours	Rate	Direct Labor
	Project Manager	3	\$46.00	\$ 138.00
	Engineer V	6	\$46.00	\$ 276.00
	Engr Spec V	6	\$46.00	\$ 276.00
	Engineer III	6	\$42.00	\$ 252.00
	Engr Spec III	11	\$42.00	\$ 462.00
	Engineer I	14	\$38.00	\$ 532.00
	Engr Tech III	22	\$34.00	\$ 748.00
	Sub-total	68		\$ 2,684.00
F.C. 163	MISCELLANEOUS (ROADWAY)	Manhours	Rate	Direct Labor
	Project Manager	6	\$46.00	\$ 276.00
	Engineer V	9	\$46.00	\$ 414.00
	Engr Spec V	9	\$46.00	\$ 414.00
	Engineer III	9	\$42.00	\$ 378.00
	Engr Spec III	15	\$42.00	\$ 630.00
	Engineer I	18	\$38.00	\$ 684.00
	Engr Tech III	24	\$34.00	\$ 816.00
	Sub-total	90		\$ 3,612.00
F.C. 170	BRIDGE DESIGN	Manhours	Rate	Direct Labor
	Project Manager	0	\$46.00	\$ -
	Engineer V	0	\$46.00	\$ -
	Engr Spec V	0	\$46.00	\$ -
	Engineer III	0	\$42.00	\$ -
	Engr Spec III	0	\$42.00	\$ -
	Engineer I	0	\$38.00	\$ -
	Engr Tech III	0	\$34.00	\$ -
	Sub-total	0		\$ -

H/SA MANHOUR SUMMARY

Sheet 3 of 3

Williamson county
CR111 at FM 1460 Intersection CO

H/SA Contract No. 2228.01.00
Supplemental 1 to WA 7

F.C. 164	MANAGING CONTRACTED PROF. SERVICES	Manhours	Rate	Direct Labor
	Project Manager	0	\$46.00	\$ -
	Engineer V	0	\$46.00	\$ -
	Engr Spec V	0	\$46.00	\$ -
	Engineer III	0	\$42.00	\$ -
	Engr Spec III	0	\$42.00	\$ -
	Engineer I	0	\$38.00	\$ -
	Engr Tech III	0	\$34.00	\$ -
	Sub-total	0		\$ -
F.C. 165	TRAFFIC MANAGEMENT SYSTEMS	Manhours	Rate	Direct Labor
	Project Manager	0	\$46.00	\$ -
	Engineer V	0	\$46.00	\$ -
	Engr Spec V	0	\$46.00	\$ -
	Engineer III	0	\$42.00	\$ -
	Engr Spec III	0	\$42.00	\$ -
	Engineer I	0	\$38.00	\$ -
	Engr Tech III	0	\$34.00	\$ -
	Sub-total	0		\$ -
F.C. 190	PROJECT MANAGEMENT	Manhours	Rate	Direct Labor
	Project Manager	0	\$46.00	\$ -
	Engineer V	0	\$46.00	\$ -
	Engr Spec V	0	\$46.00	\$ -
	Engineer III	0	\$42.00	\$ -
	Engr Spec III	0	\$42.00	\$ -
	Engineer I	0	\$38.00	\$ -
	Engr Tech III	0	\$34.00	\$ -
	Sub-total	0		\$ -
F.C. 191	SUPPORT SERVICES	Manhours	Rate	Direct Labor
	Project Manager	0	\$46.00	\$ -
	Engineer V	0	\$46.00	\$ -
	Engr Spec V	0	\$46.00	\$ -
	Engineer III	0	\$42.00	\$ -
	Engr Spec III	0	\$42.00	\$ -
	Engineer I	0	\$38.00	\$ -
	Engr Tech III	0	\$34.00	\$ -
	Sub-total	0		\$ -
F.C. 310	CONSTRUCTION SUPPORT SERVICES	Manhours	Rate	Direct Labor
	Project Manager	0	\$46.00	\$ -
	Engineer V	0	\$46.00	\$ -
	Engr Spec V	0	\$46.00	\$ -
	Engineer III	0	\$42.00	\$ -
	Engr Spec III	0	\$42.00	\$ -
	Engineer I	0	\$38.00	\$ -
	Engr Tech III	0	\$34.00	\$ -
	Sub-total	0		\$ -
F.C. 320	CONSTRUCTION INSPECTION	Manhours	Rate	Direct Labor
	Project Manager	0	\$46.00	\$ -
	Engineer V	0	\$46.00	\$ -
	Engr Spec V	0	\$46.00	\$ -
	Engineer III	0	\$42.00	\$ -
	Engr Spec III	0	\$42.00	\$ -
	Engineer I	0	\$38.00	\$ -
	Engr Tech III	0	\$34.00	\$ -
	Sub-total	0		\$ -
F.C. 351	DESIGN VERIFICATION AND ALTERATIONS	Manhours	Rate	Direct Labor
	Project Manager	24	\$46.00	\$ 1,104.00
	Engineer V	24	\$46.00	\$ 1,104.00
	Engr Spec V	2	\$46.00	\$ 92.00
	Engineer III	0	\$42.00	\$ -
	Engr Spec III	24	\$42.00	\$ 1,008.00
	Engineer I	40	\$38.00	\$ 1,520.00
	Engr Tech III	0	\$34.00	\$ -
	Sub-total	114		\$ 4,823.01

ATTACHMENT D Williamson county CR111 at FM 1460 Intersection CO Sheet 1 of 1						
LABOR COSTS BY FUNCTION CODE :		DIRECT LABOR	OVERHEAD 150.00%	TOTAL LABOR+OVHD	FIXED FEE 12.00%	TOTAL COST
F.C. 110	ROUTE AND DESIGN STUDIES	\$ -	\$ -	\$ -	\$ -	\$ -
F.C. 120	ENVIRONMENTAL STUDIES	\$ -	\$ -	\$ -	\$ -	\$ -
F.C. 130	RIGHT OF WAY PLANS	\$ -	\$ -	\$ -	\$ -	\$ -
F.C. 150	FIELD SURVEYS / MAPPING	\$ -	\$ -	\$ -	\$ -	\$ -
F.C. 160	ROADWAY DESIGN CONTROLS	\$ 5,500.00	\$ 8,250.00	\$ 13,750.00	\$ 1,650.00	\$ 15,400.00
F.C. 161	DRAINAGE	\$ 1,592.00	\$ 2,388.00	\$ 3,980.00	\$ 477.60	\$ 4,457.60
F.C. 162	SIGNING, MARKINGS, AND SIGNALIZATION	\$ 2,684.00	\$ 4,026.00	\$ 6,710.00	\$ 805.20	\$ 7,515.20
F.C. 163	MISCELLANEOUS (ROADWAY)	\$ 3,612.00	\$ 5,418.00	\$ 9,030.00	\$ 1,083.60	\$ 10,113.60
F.C. 164	MANAGING CONTRACTED PROF. SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -
F.C. 165	TRAFFIC MANAGEMENT SYSTEMS	\$ -	\$ -	\$ -	\$ -	\$ -
F.C. 170	BRIDGE DESIGN	\$ -	\$ -	\$ -	\$ -	\$ -
F.C. 190	PROJECT MANAGEMENT	\$ -	\$ -	\$ -	\$ -	\$ -
F.C. 191	SUPPORT SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -
F.C. 310	CONSTRUCTION SUPPORT SERVICES	\$ -	\$ -	\$ -	\$ -	\$ -
F.C. 320	CONSTRUCTION INSPECTION	\$ -	\$ -	\$ -	\$ -	\$ -
F.C. 330	DESIGN VERIFICATION AND ALTERATIONS SIGNAL WARRANT STUDY	\$ 4,823.01	\$ 7,234.52	\$ 12,057.54	\$ 1,446.90	\$ 13,504.44
TOTALS		\$ 18,211.01	\$ 27,316.52	\$ 45,527.54	\$ 5,483.30	\$ 50,990.84
DIRECT COSTS:						
EXPENSES:	UNIT	RATE	QUANTITY	TOTAL		
Final Mylar Plots	SF	\$ -	-	\$ -		
Reproduction	EA	\$ -	-	\$ -		
Mileage	Mile	\$ -	-	\$ -		
Airline Flights	EA	\$ -	-	\$ -		
Per Diem	Day	\$ -	-	\$ -		
Mail & Deliveries	EA	\$ -	-	\$ -		
			1	\$ -		
	0	\$ -	-	\$ -		
	0	\$ -	-	\$ -		
TOTAL EXPENSES				\$ -		
SUB-CONTRACTS:		TASK			TOTAL	
TOTAL SUB-CONTRACTS					\$ -	
TOTAL DIRECT COSTS					\$ -	
TOTAL COST					\$ 50,990.84	