

Project Name: CR 258 (Sunset Ridge to Ronald Reagan Blvd)

**ATTACHMENT A  
SUPPLEMENTAL NO. 4 TO  
WORK AUTHORIZATION NO. 1**

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 Don Durden, Inc., dba Civil Engineering Consultants (*the "Engineer"*).

**Part 1.** The *Engineer* will provide the following engineering services: Perform additional hydraulic analysis based on surveyed channel cross-sections, modify roadway plans to incorporate profile change, develop/submit 95% PS&E to meet TxDOT 2014 Standards, and provide bid phase services.

**Part 2.** The maximum amount payable for services under this Work Authorization without modification is hereby increased by \$44,517.00 for a new maximum amount of \$344,246.75.

**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 06/01/2016, unless extended by a Supplemental Work Authorization.

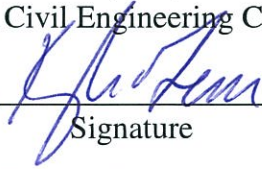
**Part 5.** This Work Authorization does not waive the parties' responsibilities and obligations provided under the Agreement.

Project Name: CR 258 (Sunset Ridge to Ronald Reagan Blvd)

**ATTACHMENT A (con't.)**

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

ENGINEER:  
Don Durden, Inc.,  
dba Civil Engineering Consultants

By:   
Signature

Kyle A. Gass  
Printed Name

Principal / Division Manager  
Title

8/27/2015  
Date

COUNTY:  
Williamson County, Texas

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

Dan A. Gattis  
Printed Name

County Judge  
Title

\_\_\_\_\_  
Date

**LIST OF EXHIBITS**

Exhibit A - Services to be Provided by County

Exhibit B - Services to be Provided by Engineer

Exhibit C - Work Schedule

Exhibit D - Fee Schedule *(based on approved rates in PSA Exhibit II executed by Commissioners Court action; rates cannot be amended through a Supplemental to a Work Authorization)*

## **EXHIBIT B**

### **SERVICES TO BE PROVIDED BY ENGINEER**

Civil Engineering Consultants (Engineer) shall provide additional engineering services needed to update the current project design to conform to TxDOT 2014 Standard Specifications, address needs identified through recent coordination with property owners, and provide bid phase services. Services included are described below.

#### **ENGINEERING SERVICES:**

##### **FC 110 PROJECT MANAGEMENT & ADMINISTRATION.**

1. Provide ongoing coordination with County as required in the design and administration of this project in order to meet project objectives which include completing and delivering a bid ready set of construction plans and documents on schedule and within budget.

##### **FC130 RIGHT-OF-WAY (ROW) & UTILITIES**

1. Update project basemap based on resolved existing right-of-way as established by Walker Surveying;
2. Update property owner information in plans to reflect current ownership;
3. Incorporate plat/survey information provided by Mr. Eberwein and Mr. Mosner to reflect current/planned development of that lot.

##### **FC160 ROADWAY DESIGN CONTROLS**

1. Revise proposed profile between Sta 129+00 through Sta 141+50;
2. Update plans to include proposed driveways at Mr. Mosner's property;
3. Update plan and profile sheets, roadside ditches, project cross-sections, earthwork computations and quantities as needed to incorporate changes in proposed profile, design of new driveways, and revise ditches to reduce tree impacts.

**FC 163 Traffic Control Plan and PS&E Submittals.**

1. Prepare 95% milestone submittal to provide review of newly incorporated survey, design and plan changes; submittal at minimum will meet the 90% submittal requirements outlined in the Plan Checklists included in Chapter 7 of the Design Criteria Manual. 95% submittal to meet the TxDOT Standards Specifications adopted November 1, 2014.

**BID PHASE SERVICES:**

1. Prepare three (3) sets of the Project Manual and Plan Drawings for distribution per Chapter 7, Section 3.2.1 for use in the Advertisement of Project.
2. Attend Pre-Bid Meeting;
3. Respond to Contractor Questions
4. Prepare and Distribute Necessary Addenda (2 max)
5. Attend Bid Opening;
6. Review Bids and prepare bid tabulation and provide recommendation to Program Manager.

EXHIBIT D - FEE PROPOSAL FOR ADDITIONAL SERVICES  
Supplemental #4 to WA #1 (August 27, 2015)

Project: CR 258  
Limits: From Sunset Ridge to Ronald Reagan Blvd, 1.74 Mi

Work Authorization # 1

CIVIL ENGINEERING CONSULTANTS

CEC STAFF CODES		032	017	052	002	023	007	029	003	005	050	033	014	015	049	009			
TASK DESCRIPTION	Sheets	SENIOR PROJECT MANAGER	PROJECT MANAGER	PROJECT ENGINEER	EIT	SENIOR ENGINEERING TECH	CADD OPERATOR	SENIOR RPLS	RPLS	SURVEYOR IN TRAINING	SURVEY TECH	ABTRACTOR	3 PERSON SURVEY FIELD CREW	4 PERSON SURVEY FIELD CREW	SURVEY COORDINATOR	CLERICAL	TOTAL HOURS	HOURS PER SHEET	COST
Rates		\$ 180.00	\$148.00	\$127.00	\$93.00	\$120.00	\$87.00	\$168.00	\$150.00	\$95.00	\$95.00	\$79.00	\$165.00	\$190.00	\$95.00	\$50.00			
ENGINEERING SERVICES:																			
FC 110 Client Coordination and Proj. Management																			
Update Project Design Schedule			2														2		\$ 296.00
Project Administration and Invoicing			8													6	14		\$ 1,484.00
FC 110 TOTAL			10													6	16		\$ 1,780.00
FC 120 Social, Ec & Env Studies/ Public Involvement																			
Attend Stakeholder meetings (est @ 2 mtgs)																	-		\$ -
Prepare Meeting Exhibits																	-		\$ -
Assist Bond Program in addressing public comments/questions																	-		\$ -
FC 120 TOTAL																			\$ -
FC 130 Right-Of-Way (ROW) & Utilities																			
Update project basemap per resolved ROW (Walker Surveying)				1	2		4										-		\$ 661.00
Update plans to reflect current property owner info				1	2		4										-		\$ 661.00
Incorporate plat/survey info @ Eberwein				1	2		4										-		\$ 661.00
FC 130 TOTAL				3	6		12												\$ 1,983.00
FC 160 Roadway Design Controls																			
Modify vertical profile - Sta 129+00 to 141+50 (+/-)	4			2	4		8										14	3.5	\$ 1,322.00
Modify design of roadside ditches (profile change & address public comment)			2	8	10		16										36		\$ 3,634.00
Update Project Cross Sections	16			4	8		16										28	1.75	\$ 2,644.00
Update Earthwork Computations & Summary Sheet				2	2		4										8		\$ 788.00
Calculate Roadway Quantities & Update Summary Sheet				2	4		4										10		\$ 974.00
Update Driveway Design along revised profile; design addtl driveways; update Driveway Summary Sheet				2	4		8										14	-	\$ 1,322.00
QC/QA Reviews		2															2	-	\$ 360.00
FC 160 TOTAL		2	2	20	32		56										112		\$ 11,044.00
FC 161 Drainage																			
Refine/verify culvert #2 design per chl xsection using HEC-RAS v.4.1.0																		-	\$ -
Update culvert layout and hydraulic computations (Q25-yr)																		-	\$ -
Identify/develop channel stabilization immediately d/s of culvert																		-	\$ -
QC/QA Reviews																		-	\$ -
FC 161 TOTAL																			\$ -
FC 163 Traffic Control Plan and PSE Submittals																			
95% PS&E Submittal:																			
Update 90% PSE to Meet TxDOT 2014 Standards			2	12	24		8										46	-	\$ 4,748.00
Update Construction Cost Estimate			2		4												6	-	\$ 668.00
Update Construction Schedule		1															1	-	\$ 180.00
Update Spl Provision Forms (ROW, Utility Relocates, Env Clearances)			2		4												6	-	\$ 668.00
Prepare 95% plan submittal checklist			1														1	-	\$ 148.00
Assemble & Submit 95% PS&E			1	2	4		8									4	19	-	\$ 1,670.00
Attend 95% Review Meeting			6	6													12	-	\$ 1,650.00
Prepare & distribute 95% review meeting minutes			1	3													4	-	\$ 529.00
FC 162 TOTAL		1	15	23	36		16									4	95		\$ 10,261.00

EXHIBIT D - FEE PROPOSAL FOR ADDITIONAL SERVICES  
Supplemental #4 to WA #1 (August 27, 2015)

Project: CR 258  
Limits: From Sunset Ridge to Ronald Reagan Blvd, 1.74 Mi

Work Authorization # 1

CIVIL ENGINEERING CONSULTANTS

CEC STAFF CODES		032	017	052	002	023	007	029	003	005	050	033	014	015	049	009			
TASK DESCRIPTION	Sheets	SENIOR PROJECT MANAGER	PROJECT MANAGER	PROJECT ENGINEER	EIT	SENIOR ENGINEERING TECH	CADD OPERATOR	SENIOR RPLS	RPLS	SURVEYOR IN TRAINING	SURVEY TECH	ABTRACTOR	3 PERSON SURVEY FIELD CREW	4 PERSON SURVEY FIELD CREW	SURVEY COORDINATOR	CLERICAL	TOTAL HOURS	HOURS PER SHEET	COST
Rates		\$ 180.00	\$148.00	\$127.00	\$93.00	\$120.00	\$87.00	\$168.00	\$150.00	\$95.00	\$95.00	\$79.00	\$165.00	\$190.00	\$95.00	\$50.00			
BID PHASE SERVICES:																			
FC 210 Bid Phase Services																			
Prep Package of Contract Docs for Advertisement of Project			0.5	2			4									8	14.5	-	\$ 1,076.00
Attend Pre-Bid Meeting; Prepare & Distribute Meeting Minutes			8	8													16		\$ 2,200.00
Respond to Contractor Questions (10 max)			10	10													20		\$ 2,750.00
Prepare and Distribute Necessary Addenda (2 max)		2	4	8			12										26		\$ 3,012.00
Attend Bid Opening			6	6													12		\$ 1,650.00
Prepare Bid Tab and Provide Recommendation Program Manager		0.5	1		5												6.5		\$ 703.00
FC 220 TOTAL		2.5	29.5	34	5		16									8	95	-	\$ 11,391.00
SUBTOTAL SERVICES																			\$ 36,459.00
DIRECT COSTS																			\$ 8,058.00
TOTAL AMOUNT																			\$ 44,517.00

DIRECT COSTS	Total Units	Unit Cost	Total Cost
Copies, 8-1/2"x11" (per sheet)	1000	\$ 0.12	\$ 120.00
Copies, 11"x17" (per sheet)	3500	\$ 0.14	\$ 490.00
Overnight mail - oversized box	3	\$ 40.00	\$ 120.00
Mileage (meetings assumes 6 trips est @ 240 mi r/t)	1440	\$ 0.58	\$ 828.00
TCEQ Filing Fee	LS	\$ 6,500.00	\$ 6,500.00
Subtotal (Design Related)			\$ 8,058.00
Survey related costs:			
Meals (per diem \$30/person per day)		\$ -	\$ -
Hotel (2 rooms est @ \$100/day)		\$ -	\$ -
Mileage (roundtrip plus local travel)		\$ -	\$ -
Subtotal (Survey Related)			\$ -
TOTAL DIRECT COSTS			
			\$ 8,058.00

COST SUMMARY BY FUNCTION CODE		Cost
ENGINEERING		
FC 110 Client Coordination and Proj. Management	\$	1,780.00
FC 120 Social, Ec & Env Studies/ Public Involvement	\$	-
FC 130 Right-Of-Way (ROW) & Utilities	\$	1,983.00
FC 160 Roadway Design Controls	\$	11,044.00
FC 161 Drainage	\$	-
FC 163 Traffic Control Plan and PSE Submittals	\$	10,261.00
BID PHASE SERVICES		
FC 210 Bid Phase Services	\$	11,391.00
DIRECT COSTS		
	\$	8,058.00
TOTAL SUPPLEMENTAL SERVICES		\$ 44,517.00