



COMMISSIONERS COURT CONTRACT FORM

CONTRACT SUMMARY

Discuss and take appropriate action regard authorizing the County Judge to execute Change Order #3 to Dan Williams Company's construction contract on Phase I of the M.F. Aguilera Highway. Funds in the amount of \$89,983.36 are available in CPCAPITAL07.

ADDITIONAL BACKGROUND: need is explained on the Change Order.

FISCAL IMPACT: \$89,983.36

PRIOR COURT ACTION:

BASIC CONTRACT DETAILS

CONTRACT NO.: 2013-0071

CONTRACT TITLE: POE/ Tornillo Guadalupe Phase I Road/Change Order 3

SECOND PARTY: Dan Williams Company

CONTRACT TYPE: Contract Modification

TERM AND BUDGET DETAILS

TERM: One-Time/One-Shot

EXTENSION OPTIONS (If Applicable):

EFFECTIVE DATE: October 02, 2012

EXPIRATION DATE (If Applicable):

EXTENSION DEADLINE DATE (If Applicable):

AMOUNT: 89,983.36

APPROVALS

COUNTY ATTORNEY APPROVAL

The attached document has been given legal review by the El Paso County Attorney's Office on behalf of the County of El Paso, its officers, and employees. Said legal review should not be relied upon by any person or entity other than the County of El Paso, its officers, and employees.

COUNTY ATTORNEY: Cygne Nemir

LEGAL REVIEW:

LEGAL REVIEW NOTES (If Applicable):

DATE: February 14, 2013

DIRECTOR/DEPARTMENT HEAD APPROVAL

The undersigned hereby certifies that he/she has read the contract, understands and approves the contract terms and conditions and further certifies that the contract conforms to the bid specifications, if any, and acknowledges that he/she is responsible for administering all terms and conditions.

DIRECTOR/DEPARTMENT HEAD/DESIGNEE: Ernie Carrizal

DEPARTMENT CONTACT: Carrizal, Ernie

DEPARTMENT: Public Works

DATE: June 13, 2013

The County of El Paso – Road & Bridge Department

Date of Issuance: October 2, 2012

Effective Date:

Project: Tornillo-Guadalupe New International Bridge
Major Arterial Roadway Project – Phase 1
Project No. 020325-1
Bid No. 10-095

Change Order: No. 3
Agenda Item:

Contractor: Dan Williams Company
P.O. Box 80069
Austin, Texas 78708

Contract Award Date: 02-07-11

You are hereby requested to comply with the following changes from the contract plans and specifications. This document shall become an amendment to the contract and all provisions of the contract shall apply thereto.

Item No.	Descriptions of Changes in Quantities, Units and Unit Prices	Decrease in Contract Price	Increase in Contract Price
CO3-A 340-2011	Add –ACP Type B (836 TONS @ \$ 69.00/TON)		\$ 57,684.00
CO3-B 540-204	Adjust Previously Installed Guard Rail (1.0 LS @ \$5,642.32)		\$ 5,642.32
CO3-C 618-2018	Add - Conduit (PVC)(2") (195 lf @ \$ 8.50/LF)		\$ 1,657.50
CO3-D 620-2010	Add – Conductor No. 6 (639 LF @ \$ 2.50/LF)		\$ 1,597.50
CO3-E 624-2008	Add – Ground Box (Type A) (1.0 EA @ \$ 900.00/EA)		\$ 900.00
CO3-F DMS-6200	Filter Fabric (under Loose Stone) (4,960.0 SY @ \$ 2.26 SY)		\$11,209.60
CO3-G 432-2002	Riprap (Conc)(5 in) (5.0 CY @ \$ 300.00/CY)		\$ 1,500.00
CO3-H 432-2015	Riprap (Stone)(Dry)(6 in) (135.0 CY @ \$ 60.00/CY)		\$ 8,100.00
CO3-I 644-204	Adjust, Cover and Remove Previously Installed Signs (1.0 LS @ \$ 1,692.44)		\$ 1,692.44
Original Contract: \$ 7,411,744.90		Total Increase: \$	89,983.36
Original Contract Time: 288 working days		Total Decrease: \$	0.00
		Net Change(+): \$	89,983.36
Justification: El Paso County desired to modify the existing pavements of alignments C and D located north of the Alamo Alto Drain to make changes to roadway cross slopes of this project, as required by current revisions to the roadway profile of the future Phase 2 roadway project. It was necessary to move a previously installed service			

Tornillo-Guadalupe New International Bridge
Major Arterial Roadway – Phase 1 – Project #020325-1

C.O.# 3
Page 1 of 2

Master: 2012-0076

2013-0071

pole to better facilitate connection by AEP at the northeast corner of the project at SH 20. Additional concrete riprap flumes and dry stone riprap is being added to better protect specific location from erosion, near the ends of several bridges.

Attachments:

Contract price including previous change order: \$ 7,638,268.40	Contract time including previous change orders: 323 working days
Net Increase: \$ 89,983.36	Net change resulting from this change order: + 13 working days
Current contract price including this change order: \$ 7,728,251.76	Current contract time including this change order: 336 working days

Recommended by:

Sidney A. Mielke
 Sidney A. Mielke, P.E.
 Senior Project Manager
 Structural Engineering Associates, Inc.

Date: 10/04/12

Accepted by:

[Signature]
 Dan Williams Company

Date: 10/3/12

Recommended by:

 Ernie Carrizal, P.E.
 County Public Works Director

Date: _____

Accepted by:

 The County of El Paso

Date: _____

TORNILLO GUADALUPE – MAJOR ARTERIAL ROADWAY PROJECT – PHASE 1

REVISION #5 TO CONTRACT PLANS AND EVENTUAL METHOD FOR COMPLETION

The purpose for issuing revision #5 to the contract plans for this project was to adjust the alignment C and D cross fall in this project, to match what will be required to tie into the future phase 2 project. This cross fall revision was physically located north of the Alamo Alto Drain and affected both alignment C and D for approximately 500 feet and also affected several hundred feet of alignment C as it approached SH 20 intersection.

The original revisions to the contract plans reflected the following items of work:

- Remove (rotomill) the existing 3” of ACP Ty B in the affected area, approx. 2611 sy.
- Modify the roadway cross fall by adding flexible base in the affected area, approx 422 cy.
- Re-apply emulsion to cure the newly placed flexible base, approx 653 gal.
- Re-lay the 3” ACP layer of the affected area, approx. 427 tons.

In reality, it was determined through discussions with DWCo personnel that it would be less expensive to leave the existing pavement structure in place, modify the cross fall with additional ACP Ty C, along with the modifications to previously installed metal beam guard fence.

Therefore the existing project item that required adjustment was to add additional ACP Ty C, to account for the equivalent volume of flexible base which would adjust the cross fall as desired. Converting the 422 cubic yards of flexible base to ACP Ty B was done using a conversion factor of 1.98 tons per cubic yard. This results in an additional amount of ACP Ty C of 836 tons. The adjustment of the metal beam guard fence was handled as a “force account” item with time, equipment and materials actually utilized included within the attached detail.

ADDITIONAL EROSION CONTROL ITEMS REQUESTED

It was desired by El Paso County to have filter fabric installed under the loose stone riprap. This filter fabric was not specified within the plans or specifications, so a new item is being added to compensate for the filter fabric.

In addition, it has been determined that several concrete flumes and some additional loose stone riprap would greatly lower the erosion near the bridge structures. Therefore, the plan quantities for these two items are being increased to account for this additional riprap.

SIGNAGE ADJUSTMENTS

The construction plans were completed when FM 1109 was still a TxDOT roadway. Since the start of construction on this project, TxDOT has donated existing FM 1109 to El Paso County, and some specified signage required adjustment, modification, covering or removal. Therefore this work was handled via force account and only actual labor, equipment, and materials is being compensated.

DAN WILLIAMS COMPANY
Contractors – Heavy/Highway
PO Box 80069, Austin, TX 78708
Telephone (512) 320-1410 Fax (512) 320-1413

Structural Engineering Associates, Inc.
Attn: Sid Mielke, P.E.
3838 NW Loop 410
San Antonio, TX 78229

October 2, 2012

Ref: TGIB Arterial Road – CO #3

Mr. Mielke:

In addition to the extra cost of the work submitted in Change Order #3, DWCo requests that additional time be granted for the following activities.

• Additional ACP Type C (836 Tons)	-	3 Days
• Adjust Guardrail (1 LS)	-	3 Days
• Filter Fabric Installation (4960 SY)	-	2 Days
• Riprap (Conc) (5 CY)	-	2 Days
• Riprap (Stone)(6") (135 CY)	-	<u>3 Days</u>
		13 Days

Additional days for the ACP, Guardrail, and Filter Fabric are based on actual time required for procurement, mobilization, and installation. The additional days for the Riprap items are estimated and include time for mobilization and small quantity installation.

Please feel free to contact me at 512-320-1410 with any questions, concerns, or comments.

Sincerely,



Eric Johnson

Vice President
Dan Williams Company

DAN WILLIAMS COMPANY
 TGIB ARTERIAL ROADS - CHANGE ORDER #3

ITEM NO.	DESCRIPTION	QTY CHANGE	UM	UNIT PRICE	EXTENSION	REFERENCE / NOTES
I-A 340-2011	ADDITIONAL ACP TYPE C	836	TN	\$ 69.00	\$ 57,684.00	PER REVISION #5
I-A XXX-XXXX	ADDITIONAL REMOVE AND REINSTALL GUARDRAIL	1	LS	\$ 5,646.32	\$ 5,646.32	PER REVISION #5, SEE ATTACHED ESTIMATE
I-B 618-2018	ADDITIONAL CONDUIT (PVC)(2")	195	LF	\$ 8.50	\$ 1,657.50	UNIT PRICE OVERRUN
I-C 620-2010	ADDITIONAL CONDUCTOR NO.6	639	LF	\$ 2.50	\$ 1,597.50	UNIT PRICE OVERRUN
I-D 624-2008	ADDITIONAL GROUND BOX (TYPE A)	1.00	EA	\$ 900.00	\$ 900.00	UNIT PRICE OVERRUN
I-E DMS-6200	ADDITIONAL FILTER FABRIC (UNDER LOOSE STONE)	4150.00	SY	\$ 2.26	\$ 9,379.00	SEE ATTACHED ESTIMATE
I-F 432-2002	ADDITIONAL RIPRAP (CONC)(5IN)	5	CY	\$ 300.00	\$ 1,500.00	UNIT PRICE OVERRUN
I-G 432-2015	ADDITIONAL RIPRAP (STONE)(6IN) - REVISION	135	CY	\$ 60.00	\$ 8,100.00	UNIT PRICE OVERRUN
I-G 432-2015	ADDITIONAL RIPRAP (STONE)(DRY)(6IN) - BASED ON PLANS	100	CY	\$ 60.00	\$ 6,000.00	ADDL QTY INSTALLED THAT COULD NOT BE DETERMINED AT BID TIME, DIMENSIONS
I-H XXX-XXXX	ADDITIONAL SIGN REVISION	1	LS	\$ 40.00	\$ 40.00	UNIT PRICE OVERRUN
I-I 644-2060	ADDITIONAL SIGN REMOVAL	1	EA	\$ 1,652.44	\$ 1,652.44	SEE ATTACHED ESTIMATE
					<u>\$ 94,156.76</u>	

PROJECT: TCIB - ARTERIAL ROADS
 ITEM NUMBER/DESC: GUARDRAIL ADJUSTMENTS DUE TO PAVEMENT GRADE ADJUSTMENTS - REMOVE AND REINSTALL
 ESTIMATED QUANTITY: 1 LS
 DATE PERFORMED: JULY

DESCRIPTION	QTY	UNIT	UNIT COSTS			TOTAL COSTS		
			LABOR	EQUIP	MATERIAL	LABOR	EQUIP	MATERIAL
LABOR								
FOREMAN	20	HR	\$ 24.00			\$ 480.00		
LOADER OPERATOR	20	HR	\$ 14.00			\$ 280.00		
FORM SETTER	20	HR	\$ 13.00			\$ 260.00		
LABORER	20	HR	\$ 11.33			\$ 226.60		
LABORER	20	HR	\$ 10.58			\$ 211.60		
LABORER	20	HR	\$ 10.58			\$ 211.60		
MATERIAL								
GUARDRAIL MISC ITEM	1	LS			\$ -	\$ -		
EQUIPMENT								
PICKUP TRUCK	20	HR		\$ 18.17		\$ 363.40		
LOADER	20	HR		\$ 84.90		\$ 1,698.00		
SUBCONTRACT								
MISC								
TOTALS						\$ 1,788.78	\$ 2,061.40	\$ -

TOTAL LABOR	\$ 1,788.78
TOTAL MATERIAL	\$ -
TOTAL SUBCONTRACT	\$ -
TOTAL EQUIPMENT	\$ 2,061.40
MARKUPS	
LABOR BURDENS	\$ 983.63
LABOR MARK-UP	\$ 447.20
MATERIAL MARK-UP	\$ -
EQUIPMENT MARK-UP	\$ 309.21
SUBCONTRACT MARK-UP	\$ -
MISC COST	\$ -
BOND COST	\$ -
SUBTOTAL	\$ 5,590.41
TOTAL	\$ 5,646.32

PROJECT: TGIB - ARTERIAL ROADS
 ITEM NUMBER/DESC.: FILTER FABRIC INSTALLATION
 ESTIMATED QUANTITY: 4150 SY
 DATE PERFORMED: JULY

ITEM DESCRIPTION	QTY	UNIT	UNIT COSTS				TOTAL COSTS						
			LABOR	EQUIP	MATERIAL	SUBCT	O.T. Factor	LABOR	EQUIP	MATERIAL	SUBCT.	MISC	
LABOR													
LOADER OPERATOR	20	HR	\$ 14.00					1.1	\$ 308.00				
LABORER	20	HR	\$ 11.33					1.1	\$ 249.26				
LABORER	20	HR	\$ 10.58					1.1	\$ 232.76				
LABORER	20	HR	\$ 10.58					1.1	\$ 232.76				
MATERIAL													
FILTER FABRIC	4900	SY			\$ 1.09						\$ 5,341.00		
EQUIPMENT													
BACKHOE	20	HR		\$ 33.05						\$ 661.00			
SUBCONTRACT													
MISC													
TOTALS									\$ 1,022.78	\$ 661.00	\$ 5,341.00	\$ -	\$ -

TOTAL LABOR	\$ 1,022.78	
TOTAL MATERIAL	\$ 5,341.00	
TOTAL SUBCONTRACT	\$ -	
TOTAL EQUIPMENT	\$ 661.00	
MARKUPS		
LABOR BURDENS	\$ 562.53	55%
LABOR MARK-UP	\$ 255.70	25%
MATERIAL MARK-UP	\$ 1,335.25	25%
EQUIPMENT MARK-UP	\$ 99.15	15%
SUBCONTRACT MARK-UP	\$ -	5%
MISC COST	\$ -	
BOND COST	\$ 9,277.40	
	\$ 9,277.40	
	\$ 92.77	
	\$ 9,370.18	
	\$ 2.26	SY

Tri-State
Electric, Ltd.
Heavy Highway
Electrical Utilities

TECL 21782, E-118



530 Valley Chile Road • Vinton, Texas 79821
Phone (915) 755-8803 • Fax (915) 755-7276

Project: Tornillo-Guadalupe POE Arterial Road
Location: Tornillo-Guadalupe Road (Manuel Aguilera Rd.)
Quoted To: Dan Williams Company
Attention: Rachel Prugh
11180 Gateway Blvd. East
El Paso, Texas 79927

Original Quote: 09/12/12
Revised Quote: 09/13/12
Quote No.: 1112
Phone: (915) 872-1322
Fax: (915) 872-1326
E-mail: rprugh@danwilliamscompany.com

QUOTATION (REV 1)

Description	Qty.	Unit	Cost	Extension
Installation of Sign Supports for Street Name Signs	9.00	EA	\$91.88	\$826.92
Removal of Existing Signs (Previously Installed)	9.00	EA	\$81.25	\$731.25
REMOVE SM RD SN SUP & AM	1.00	EA	\$75.00	\$75.00
			Quote Total	\$1,633.17

ORIGINAL CONTRACT PRICE

Prices listed above include:

- All labor, materials and equipment required to complete this work.

Exclusions:

- Permits and/or agency fees of any kind.

Quote Submitted By: 

OPERATIONS DIRECTOR / MANUEL CARREON JR.

Date Submitted: 9/13/2012