

CONTRACT CHANGE ORDER

Change Requested by: Engineer

CCO: 240 Suppl. No. 1 Contract No. 04 – 0120F4 Road SF-80-13.2/13.9 FED. AID LOC.:

To: **AMERICAN BRIDGE/FLUOR ENTERPRISES INC A JOINT VENTURE**

You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract.

NOTE: This change order is not effective until approved by the Engineer.

Description of work to be done, estimate of quantities and prices to be paid. (Segregate between additional work at contract price, agreed price and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. This last percentage shown is the net accumulated increase or decrease from the original quantity in the Engineer's Estimate.

Adjustment of Compensation at Lump Sum:

Item 1.

Modify the Jacking Saddle Adjustment table in Submittal 2104R1 as follows to ensure a final jacking force of 32.5 MN +/- 1.0 MN will be transferred to the installed shim stack:

Phase 1 load transfer step	Shims added per Submittal 2104R1 (mm)	Shims to be added per this CCO, in order to achieve the monitored target force (mm)	Comments
0	0	0	
1	520	520	Two separate steps of 260mm shims
2	260	260	
3	260	260	
4	130	260	
5	0	0	
6	130	0	
7	0	0	
8	0	130	
9	0	0	
10	130	0	
11	0	0	
12	0	0	
13	0	130	Revise remaining shims per Note 1
14	37	0	
15	0	37	
16	37	0	
17	0	37	
18	37	37	
Following 18	3 @ 37 = 111	19	Per Sub 2104R1, remaining shims to be added by the end of Phase 1. See Note 2.
Total at end of Phase 1	1652	1690	

Note 1: Prior to installing this shim measure the saddle jacking force; compute the remaining shims to achieve a total final jacking force of 32.5 +/- 1.0 MN, assuming 22 mm of shimming per 1.0 MN of force. Install the shims to achieve this total in the subsequent load transfer steps.

Note 2: Measure and report the final saddle jacking force.

In order to perform the above modifications provide the following:

- Fabricate additional jacking saddle shim of 260 mm per Detail D on plan sheet 773.
- Fabricate additional jacking saddle shim of 19 mm, similar to the 37 mm shims on plan sheet 773.
- Calibrate jacking saddle jacks to determine the applied force to an accuracy of 1%.
- Credit for Jacking Saddle Shims that were to be installed per original contract but have been eliminated by this change.

Adjustment of Compensation at Lump Sum.....\$76,236.00

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Estimate of Decrease in Contract Item at Contract Price:

Item 2.

Item No. 50: FURNISH STRUCTURAL STEEL (BRIDGE)

- 804.97 KG (-0.44%) @ \$8.00 /KG = (\$6,439.76) (-0.44%)

The quantity decreases shown herein for Item #50 when combined with the quantity shown in the Engineer's Estimate, and as modified by any previous change orders or revisions to dimensions made by the Engineer, shall be the final quantity for which payment will be made.

Total Cost for Decrease in Contract Item.....(\$6,439.76)

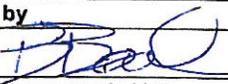
CHANGE ORDER COST AND TIME SUMMARY

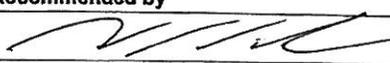
(ITEM 1) Adjustment of Compensation at Lump Sum	\$76,236.00
(ITEM 2) Decrease in Contract Items at Contract Prices	(\$6,439.76)
Total net pay for this change order	\$69,796.24

This sum constitutes full and complete compensation for furnishing all labor, material, tools and incidentals including all markups by reason of this change.

Estimated Cost: Increase Decrease \$69,796.24

By reason of this order the time of completion will be adjusted as follows: 0 Days

Submitted by
 Signature  Resident Engineer
 BRIAN BOAL - PROJECT SUPERVISOR Darryl Schram, Senior T.E. Date 11/19/2012

Approval Recommended by
 Signature  Supervising Transportation Engineer
 William Casey, Supervising T.E. Date 11/21/12

Engineer Approval by
 Signature  Supervising Transportation Engineer
 William Casey, Supervising T.E. Date 11/29/12

We the undersigned contractor, have given careful consideration to the change proposed and agree, if this proposal is approved, that we will provide all equipment, furnish the materials, except as otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above.

NOTE: If you, the contractor, do not sign acceptance of this order, your attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time therein specified.

Contractor Acceptance by
 Signature  (Print name and title) Date 28NOV12
 BRIAN A. PETERSEN - PROJECT DIRECTOR