

CCO: 41 Suppl. No. 0 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.

Revise Special Provisions Section 8-3.01, "WELDING," subsection "GENERAL," to include at the end a new sub-subsection "Welding Padeyes," as shown on sheet two (2) of this change order.

Replace shoulder-type eyebolts on the crossbeams with padeyes, upgrade the existing padeyes on the tower, and eliminate all eyebolts and all padeyes on the OBG (including bikepath and counterweights) as shown on sheets three (3) through twenty-three (23) of this change order. The following revised sheets detail all changes: 912R2, 913R3, 914R2, 929R1, 931R1, 932R1, 933R2, 934R1, 935R1, 936R1, 937R1, 938R3, 944R1, 945R1, 946R1, 947R1, 948R2, 949R1, 950R3, 954R1 and 955R1 (of 1204).

This change order resolves costs associated with Contractor Request For Information (RFI) Nos. 248, 314, 408, 529, 572, 1014, 1079, 1079R1, 1141, 1195, 1393, 1609 and 1610 with respect to the changes in this change order.

For this work, the Contractor will be paid the sum of \$86,300.00. This sum constitutes full compensation, including all mark ups, for this work.

Adjustment of Compensation at Lump Sum Price..... \$86,300.00

ITEM 2.

The items identified above in this change order have been paid as part of CCO 108 resolution. Therefore, the amount due under this change order will be adjusted by the amount paid under CCO 108 to prevent a double payment. Total amount paid under CCO 108, and to be credited to this change, is \$86,300.00.

Adjustment of Compensation at Lump Sum Price..... <\$86,300.00>

CHANGE ORDER COST AND TIME SUMMARY

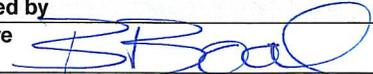
(ITEM 1) Adjustment of Compensation for work pursuant to this change order	\$86,300.00
(ITEM 2) Amount paid under CCO 108 for this change order	<\$86,300.00>
Total net pay for this change order	\$0.00

Contract time is addressed in CCO 108 for all work identified in this change order. Therefore, contract time will not be adjusted in this change order.

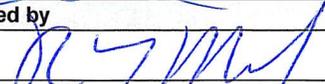
Estimated Cost: Increase Decrease \$0.00

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

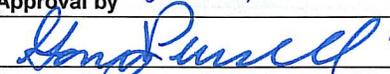
Submitted by

Signature  Resident Engineer Brian Boal for Gary Pursell, Sup.T.E. Date 1 MARCH 2010

Approval Recommended by

Signature  Supervising Transportation Engineer Gary Pursell, Sup. T.E. Date 3/1/2010

Engineer Approval by

Signature  Supervising Transportation Engineer Gary Pursell, Sup. T.E. Date 6/30/10

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) Michael D. Flowers Date 6-29-10
 Project Director

CONTRACT CHANGE ORDER NO. 41 **SUPPL. NO.** ---
ROAD 04-SF-80-13.2, 13.9 SHEET 2 OF 23 SHEETS
FEDERAL NO.(S) _____ CONTRACT NO.: 04-0120F4

Revise Section 8-3.01, "WELDING," to include a new subsection "Welding Padeyes" to appear at the end of the GENERAL subsection:

8-3.01 WELDING

GENERAL

Welding Padeyes

Weld Crosby No. 4 or equivalent padeyes to steel structures in accordance with AWS D1.5, as modified by this specification. Use a Welding Procedure Specification (WPS) approved for welding the type and thickness of base material to which the padeye is welded. Qualification of a procedure for welding to padeyes is required for each supplier with padeyes attached to their work. Qualify the procedure as follows for each supplier:

1. Fabricate three test samples of a padeye welded to a plate.
 - a) If a supplier's work includes Seismic Performance Critical Member (SPCM) material, use the thinnest SPCM plate material to which padeyes will be welded. If a supplier's work does not include SPCM material, use the thinnest plate material to which padeyes will be welded.
 - b) Weld the padeye to the plate using a WPS approved for welding the base metal. A separate WPS for the padeye to plate weld is not required.

2. Test the three samples as follows. Test machinery must be capable of loading the samples to failure. Apply the force at the circular end of the padeyes.
 - a) Sample #1 - Load in shear direction. Failure must occur at a force greater than 22.2 kN.
 - b) Sample #2 - Load in tension to destruction. Failure must occur at a force greater than 22.2 kN.
 - c) Sample #3 - Take three subsized Charpy V-Notch specimens per ASTM A 370 from the course grained area of the Heat affected zone in the base metal. Perform Charpy V-Notch test in accordance with Special Provisions, Section 10-1.59 "Steel Structures," subsection "Materials".

Submit a test method to the Engineer for approval prior to performing the procedure qualification.

