

CONTRACT CHANGE ORDER

Change Requested by: Engineer

CCO: 24 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.

Modify traveler rails and hardware as shown on sheets three (3) through seventy (70) of this change order. This change includes, but is not limited to, the following:

- Change the traveler rail from an "S" shape beam to a built-up beam
- Modify the bikepath traveler rail connections
- Modify the crossbeam traveler rails
- Remove existing traveler rail, then furnish and install new traveler rail on the Skyway transition section.
- Advance procurement of elements of the traveler scaffold test frame as directed by the Engineer
- Conduct soil testing to determine soil bearing values for the traveler testing frame as directed by the Engineer
- Provide compensation for the escalated cost of the traveler scaffold suspension system components

The following revised contract plan and supplemental sheets detail all changes:

0663R2, 0951R3, 0952R3, 0956R3, 0956S1R1, 1009R2, 1010R2, 1011R3, 1012R2, 1013R3, 1014R2, 1015R2, 1016R2, 1017R2, 1018R3, 1019R2, 1020R2, 1021R2, 1022R2, 1023R2, 1024R2, 1025R2, 1026R2, 1027R3, 1028R3, 1029R3, 1030R2, 1031R2, 1032R2, 1033R2, 1034R2, 1035R3, 1036R3, 1037R3, 1037S1R1, 1037S2R1, 1037S3R1, 0137S4R1, 1037S5R1, 1037S6R1, 1037S7R1, 1037S8R1, 1037S9R1, 1120R3, 1121R3, 1122R4, 1122S1R1, 1122S2, 1122S3, 1123R3, 1124R3, 1125R4, 1125S1, 1126R3, 1127R3, 1128R4, 1129R3, 1130R4, 1131R3, 1132R3, 1133R4, 1133S1R3, 1153R3, 1154R3, 1155R3, 1156R2 and 1158R2 (of 1204).

This change order resolves Contractor Request for Information (RFI) Nos. 220R0, 630R0, 898R0/R1, 946R1, 1053R1, 1392R0, 1515R0, 1536R0, 1617R0, 1707R0, 1835R0, TVC-RFI-0146R0, TVC-RFC-0146R1, TVC-RFI-0146R2, TVC-RFI-0146R3, TVC-RFI-0239R0, TVC-RFI-0239R1, TVC-RFI-0242R0, TVC-RFI-0593R0, TVC-RFI-0593R2, and TVC-RFI-0656R0.

For the purpose of making partial payments pursuant to Section 5-1.25, "Payments" of the Special Provisions, components for the traveler scaffold suspension system that are furnished by Elect Air and are furnished to the traveler fabricator shall be considered materials furnished but not incorporated into the work.

Estimate of Decrease in Contract Item at Contract Price:

ITEM 1

The change in the traveler support rail from an "S" beam to a built-up beam and other changes as shown on the attached plan sheets result in a change in weight of Contract Item #101. This is a decrease in contract item at contract unit price.

Item No. 101: TRAVELER SUPPORT RAIL
-69,668 KG (-17.48%) at \$7.00 / KG =

<\$487,676.00> (-17.48%)

The quantity shown herein for Item #101, TRAVELER SUPPORT RAIL, when combined with the quantities specified in the Engineer's Estimate, and as modified by any previous change orders, shall be the final quantity for which payment will be made.

Total Decrease in Contract Item at Contract Unit Price <\$487,676.00>

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Adjustment of Compensation at Lump Sum Price:

ITEM 2

For the change in character of work for changing the rail from an "S" beam to a built-up beam, additional handling, installation, galvanization, brackets, bolts and other miscellaneous items, the Contractor agrees to accept a lump sum price of \$545,190.60. This sum constitutes full compensation, including all markups, for this change.

For revising the crossbeam traveler rail and support brackets after the initial approval of shop drawings, and to modify the support brackets at panel point 8.5, the Contractor agrees to accept a lump sum of \$505,000.00, per ABF letter ABF-CAL-LTR-001248, dated September 28, 2009. This sum includes compensation for, markups, detailing costs, fabrication, and salvage value of material not incorporated into the work relative to this change.

Adjustment of Compensation at Agreed Lump Sum Price \$1,050,190.60

Extra Work at Lump Sum Price:

ITEM 3

To furnish traveler support rail along the Skyway transition section, the Contractor agrees to accept a lump sum price of \$170,485.40. This sum constitutes full compensation, including all markups, for this change.

Cost of Extra Work at Agreed Lump Sum Price \$170,485.40

Adjustment of Compensation at Lump Sum Price:

ITEM 4.

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 \$733,000.00.

Adjustment of Compensation at Agreed Lump Sum Price..... <\$733,000.00>

Adjustment of Compensation at Lump Sum Price:

ITEM 5

To compensate the Contractor for escalated cost of the traveler scaffold suspension system components furnished by Elect Air, the Contractor agrees to accept a lump sum price of \$582,557.11 This sum constitutes full compensation, including all markups, for this change.

Adjustment of Compensation at Agreed Lump Sum Price..... \$582,557.11

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Extra Work at Force Account:

ITEM 6

Perform the following, but not limited to, as directed by the Engineer:

1. For changes identified on contract plan sheets 0951R3, 0952R3, 1013R3, 1122R4, 1122S2, 1122S3, 1125R4, 1125S1, 1128R4, 1130R4, 1133R4, and 1133S1R3 (of 1204) issued after the agreement of CCO 108.
2. Remove existing traveler support rail on the Skyway transition section and install built-up traveler support rail.
3. Adjust clearance and straightness of crossbeams traveler rails at PP14-28 and PP125-128 as required.
4. Furnish materials for the traveler-testing frame.
5. Conduct soil testing to determine soil-bearing values for the traveler-testing frame.

Labor, equipment and material authorized by the Engineer, as necessary, will be paid in accordance with the provisions of Section 4-1.03D, "Extra Work" of the Standard Specifications and Section 5-1.24, "Force Account Payment" of the Special Provisions.

Estimated Cost of Extra Work at Force Account..... \$950,000.00

CHANGE ORDER COST AND TIME SUMMARY

ITEM 1. Estimate of Decrease in Contract Item at Contract Price.....	<\$487,676.00>
ITEM 2. Adjustment of Compensation at Lump Sum Price.....	\$1,050,190.60
ITEM 3. Extra Work at Lump Sum Price	\$170,485.40
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Sub-total (ITEM 1 thru 3), net value of this change up to 11-17-09.....	\$733,000.00
ITEM 4. Amount paid under CCO 108 for this change order.....	<\$733,000.00>
ITEM 5. Adjustment of Compensation at Lump Sum Price	\$582,557.11
ITEM 6. Extra Work at Force Account	\$950,000.00
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Total net pay for this change order.....	\$1,532,557.11

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 \$1,532,557.11

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

Submitted by

Signature *Kannu Balan* Resident Engineer
 Kannu Balan, Senior TE Date 6-10-10

Approval Recommended by

Signature *Gary Pursell* Supervising Transportation Engineer
 Gary Pursell, SupTE Date 6/10/10

Engineer Approval by

Signature *Peter Siegenthaler* Principal Transportation Engineer
 Peter Siegenthaler, PrinTE Date 7/12/10

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 *Michael D. Flowers* (Print name and title) Michael D. Flowers Date 7-7-10
 Project Director