

CONTRACT CHANGE ORDER

Change Requested by: Engineer

CCO: 109 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 Price:

In reference to Section 10-1.60, "CABLE SYSTEM," sub-section "Working Drawings," of the special provisions, perform additional cable profile modeling analysis using suspender forces shown in Attachment "A" of this change order. Attachment "A" includes vertical components of suspender forces for panel points 10 to 110 and bracket forces at PP 112. The Contractor shall report the results back to the Department. This report shall include the following:

- Main Cable profile
- Point on tangency of "E" Line cable (EPT) and Point on tangency of "W" Line cable (WPT) for the east saddles
- Deflection/deviation of the OBG from Profile Grade Line (PGL)
- OBG Dead Load Moments
- Output of the suspender forces

For this work, the contractor will be paid the sum of \$49,580.00, this sum constitutes full compensation, including markups, for this change.

There is no time adjustment by reason of this change. Additional work pursuant to the results of this analysis that may affect the controlling operation would be covered under a supplement change order.

Cost of Adjustment of Compensation at Lump Sum.....\$49,580.00

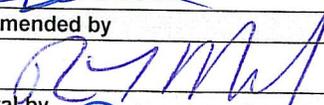
Estimated Cost: Increase Decrease \$49,580.00

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

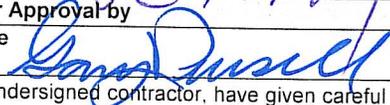
Submitted by

Signature  Resident Engineer Brian Boal for Gary Pursell, Sup.T.E. Date 6/4/09

Approval Recommended by

Signature  Supervising Bridge Engineer Richard Morrow, Sup.T.E. Date 6/4/09

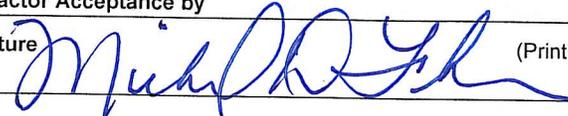
Engineer Approval by

Signature  Principal Transportation Engineer Gary Pursell, Sup.T.E. Date 6/9/09

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 6-5-09
Project Director

Attachment "A"

Note: Forces are the vertical components of the suspender forces (Suspender weight is not included).

Panel Point	Force, kN	
	WB	EB
10	3200	3200
12	3200	3200
14	3068	2950
16	2774	2646
18	2767	2629
20	2788	2645
22	2823	2678
24	2855	2712
26	2878	2741
28	2891	2757
30	2895	2772
32	2923	2820
34	2971	2886
36	3012	2953
38	3028	2994
40	4420	4401
44	4317	4370
46	2896	2930
48	2868	2892
50	2856	2878
52	2833	2848
54	2829	2845
56	2814	2823
58	2820	2831
60	2802	2803
62	2811	2819
64	2786	2779
66	2792	2791
68	2770	2755
70	2776	2776
72	2746	2735
74	2764	2765
76	2741	2740
78	2779	2788
80	2785	2777
82	2850	2853
84	2879	2858
86	2986	2953
88	2910	2913
90	2891	2946
92	2803	2864
94	2691	2831
96	2472	2641
98	2246	2485
100	2248	2165
102	2027	1984
104	2022	1984
106	2021	1990
108	2021	1990
110	2021	1990
112**	2021	1990

**= Bracket location; apply lateral load so that resultant is at 13.5 degrees with respect to the deck