

CONTRACT CHANGE ORDER

Change Requested by: Engineer

CCO: 15	Suppl. No. 0	Contract No. 04 - 0120F4	Road SF-80-13.2/13.9	FED. AID LOC.:
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To: AMERICAN BRIDGE/FLUOR ENTERPRISES INC A JOINT VENT

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:

Allow the construction of the W2 Cap Beam before the placement of the Hinge K Pipe Beam Assembly and address Contractor Request For Information (RFI's) 130R0, 132R0, 134R0, 246R0, 246R1, 275R0, 275R2, 304R0, 311R0, 400R0, 406R0, 421R0 and 617R0 as shown on Sheets Two (2) through Twenty (20) of this change order.

The following revised sheets detail all changes:

Contract Plan Sheet Nos. 459R2, 460R2, 461R2, 471R2, 497S25R1, 730R1, 740R1, 765R1, 766R1, 767R1, 768R1, 769R1, 791R1, 842R1, 843R1, 844R1, 845R1, 913R1 and 980R1 (of 1204).

For this work the Contractor shall receive and accept the sum of \$230,285.00. This sum constitutes full and complete compensation for furnishing all labor, material, tools and incidentals including all markups by reason of this change.

There is no adjustment of contract time for this change.

Cost of Adjustment of Compensation at Lump Sum\$230,285.00

Estimated Cost: Increase Decrease \$230,285.00

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

Submitted by		
Signature <i>Gil Klebanov</i>	Resident Engineer Gil Klebanov for Gary Pursell, RE	Date 12/11/2007
Approval Recommended by		
Signature <i>Richard Morrow</i>	Supervising Bridge Engineer Richard Morrow, P.E., Sup. BE	Date 12/11/2007
Engineer Approval by		
Signature <i>Gary Pursell</i>	Supervising Transportation Engineer Gary Pursell, P.E., Sup. TE	Date 11/9/2008

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 may 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 <i>Michael D. Flowers</i>	(Print name and title) Michael D. Flowers Project Director	Date 12-18-07

CONTRACT CHANGE ORDER MEMORANDUM

TO: Pete Siegenthaler, Prin. TE / Gary Pursell, P.E., Sup T.E.			FILE: E.A. 04 - 0120F4	
FROM: Gary Pursell, P.E., Sup.T.E.			CO-RTE-PM SF-80-13.2/13.9	
CCO#: 15 SUPPLEMENT#: 0 Category Code: CHPT			FED. NO.	
COST: \$230,285.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			CONTINGENCY BALANCE (incl. this change) \$140,497,037.24	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: W2 - Hinge K and Saddle Modifications			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE				
Original Contract Time: 2490 Day(s)	Time Adj. This Change: 0 Day(s)	Previously Approved CCO Time Adjustments: 30 Day(s)	Percentage Time Adjusted: (including this change) 1 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 0

THIS CHANGE ORDER PROVIDES FOR:

Allowing the construction of the W2 Cap Beam before the placement of the Hinge K Pipe Beam Assembly by performing the following work:

1. Remove shear studs and shear pipe from the 100-mm Pipe Beam base plates and replace with a 5-mm amplitude roughened bearing face plate and a roughened surface for the Cap Beam concrete that is in contact with the grout.
2. Provide a 65-mm grout pad between the Pipe Beam base plates and the west face of the W2 Cap Beam.
3. Replace the embedded ducts (for the HS Bar 75-mm) with an approved bond breaking system on the HS bars.
4. Install the Hinge K Pipe Beam assemblies in Stage 5 after load transfer.
5. Provide support frame, templates and extra nuts to fully support the 75-mm HS Macalloy bars in the W2 Cap Beam.

The installation of the Hinge K Pipe Beam Assembly is a near-critical path activity. By allowing the construction of the W2 Cap Beam before the placement of the Hinge K pipe beams the potential of this becoming a critical activity diminishes. This change reduces the risk that a fabrication delay of the pipe beams could impact the critical path. Restaging the pipe beam installation also reduces the Department's risk significantly in regards to the connection to the YBI transition structure. During the construction of the W2 Cap Beam there is a potential for differential settlement and misalignment of the pipe beams after the concrete pour and post-tensioning procedures. Installing the pipe beams after concrete placement and post-tensioning at the W2 Cap Beam helps assure that the pipe beams will be installed in their correct position and align properly with the YBI transition structure.

This work shall be performed at Adjustment of Compensation at Lump Sum for a cost of \$230,285.00, which can be financed from the contingency fund. A detailed account of the costs shall be placed in the project files.

No time adjustment is warranted, as this change order does not affect the controlling operation.

This change order received concurrence from the Designer or Record, Design Oversight, Maintenance, the Resident Engineer, Structure Representative and the Principal Engineer on the project.

This change order received an Issue and Approve from the Division of Construction on Dec. 11, 2007. A copy is attached for your reference.



California Department of Transportation
CONSTRUCTION DIVISION

TO: District 4 CCO Desk

Date: 12/11/2007

Contract No.: 4 - 0120F4

Road: SF-80-13.2/13.9

FED. No.: NONE

To: SARTIPI - 04

Attention: 04 - SARWARY

HQ Direction:

TO ISSUE AND APPROVE

CCO No. 015

Sup. No. 0

Rev. No. 0

Per Your Submittal Dated: 12/10/2007

CCO Category Code: C - H - P - T

PROVIDES FOR CONSTRUCTION OF THE W2 CAP BEAM BEFORE PLACEMENT OF THE HINGE K PIPE BEAM ASSEMBLY BY REMOVING SHEAR STUDS AND SHEAR PIPE FROM THE 100-MM PIPE BEAM BASE PLATES AND REPLACING WITH A 5-MM AMPLITUDE ROUGHENED SURFACE FOR THE CAP BEAM CONCRETE THAT IS IN CONTACT WITH THE GROUT, PROVIDING A 65-MM GROUT PAD BETWEEN THE PIPE BEAM BASE PLATES AND THE WEST FACE OF THE W2 CAP BEAM, REPLACING THE EMBEDDED DUCTS (FOR THE 75-MM HS BAR) WITH AN APPROVED BOND BREAKING SYSTEM ON THE HS BARS, INSTALLING THE HINGE K PIPE BEAM ASSEMBLIES IN STAGE 5 AFTER LOAD TRANSFER, AND PROVIDING SUPPORT FRAME, TEMPLATES, AND EXTRA NUTS TO FULLY SUPPORT THE 75-MM HS MACALLOY BARS IN THE W2 CAP BEAM..

ISSUE AND APPROVE IS CONDITIONAL ON THE FOLLOWING:

1. WITHIN THE MEMO, REVISE THE CONCURRED BY SECTION TO ELIMINATE THE NON-APPLICABLE TITLES (E.G. FHWA REP., ENVIRONMENTAL).
2. WITHIN THE CCO, ELIMINATE THE "ESTIMATED COST" ON THE ADJUSTMENT OF COMPENSATION AT LUMP SUM LINE.
3. OBTAINING THE CONTRACTOR'S SIGNATURE ON THE LUMP SUM CCO. NOTE THAT FAILURE TO OBTAIN THE CONTRACTOR'S SIGNATURE WILL REQUIRE A REVISED CCO AND NEW I&A REQUEST.

THE TOTAL COST FOR THIS CHANGE IS SHOWN AS \$230,285.00 WITH NO TIME ADJUSTMENT.

Items:	\$0.00
Force Account:	\$0.00
Agreed Price:	\$0.00
Adj. of Comp.	\$230,285.00

Total: \$230,285.00

Time: (NONE)

ELIZABETH DOOHER,
Acting Assistant Division
Chief, by:

Ken Darby

Date: 12/11/2007

Page 2 of 2

Contract No.: 4 - 0120F4

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FED. NO.: NONE

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Sup. No.

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Continued:

Division of Construction
1120 "N" Street, MS-44, Sacramento, CA 95814
Fax Number: (916) 654-5735
To Confirm Transmission, Call (916) 654-5259