

CONTRACT CHANGE ORDER MEMORANDUM

TO: Tony Anziano, Program Manager /			FILE: E.A. 04 - 0120F4	
FROM: Darryl Schram, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
FED. NO.				
CCO#: 247	SUPPLEMENT#: 0	Category Code: CHPT	CONTINGENCY BALANCE (incl. this change): \$102,487,792.51	
COST: \$455,054.00		INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>	HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00		IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
CCO DESCRIPTION: Cable Band Maching and Strand Formers			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: 501 Day(s)	Percentage Time Adjusted: (including this change) 20 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 3

THIS CHANGE ORDER PROVIDES FOR:

Removing, machining, and reinstalling north cable bands. Providing, on standby, qualified welders and associated equipment to perform weld repairs on the cable bands as a result of the machining. Readjusting the north cable bands at PP 32 and 38 to obtain a minimum 10mm gap and beveling the inside corner of the cut gap faces for all south cable bands. Providing and installing hot dip galvanized plate washers under the head of all cable bands that are being machined. Procuring an additional sixty (60) 3'-0" cable former bars (piece X441-14H) and installing approximately every 50m along the main and side spans.

Compacted cable band dimensions were established during the cable band friction test conducted on a cable mock-up. Cable bands were then fabricated based on the dimensions achieved during the cable band friction testing. The cable bands need to maintain a minimum of 10mm of clearance between the two halves to allow for final tensioning and sealing off after load transfer. If the minimum clearance is not maintained the bolts may bottom out preventing cable bands from achieving the require friction which prevents bands from slipping. Even if required friction is achieved the gap may be too small for required cable band seal, allowing water infiltration and corrosion. This change is needed to maintain the minimum cable band clearance. Chamfers on the top and bottom edges of each cable band half are required to prevent pinching wires during field installation of the cable bands. Cable formers are required to ensure the PWS arrangement specified in the contract plans is maintained during the compaction operation.

This change order resolves the costs associated with Contractor Request for Information (RFI) numbers 1190, and 2854 with respect to the changes listed above.

This work is not covered by any contract items. Therefore, payment for the Extra Work will be a Lump Sum of \$455,054.00, which can be financed from the contingency fund. A detailed cost analysis is on file.

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

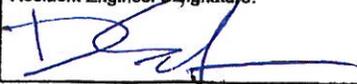
This change order has concurrences from William Casey (Supervising TE), Rich Foley (HQ Oversight), Ken Terpstra (Project Manager), Wenyi Long (Bridge Design), Jing Chen (District Design), and Lina Ellis (Maintenance).

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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DATE: 8/9/2012

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CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date 5/23/12	ITEMS	THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 7/10/12	FORCE ACCOUNT	\$0.00	\$0.00
Project Engineer:	District Design, Jing Chen	Date 7/6/12	AGREED PRICE	\$0.00	\$0.00
Project Manager:	Proj Manager, Ken Terpstra	Date 5/24/12	ADJUSTMENT	\$455,054.00	\$455,054.00
FHWA Rep.:		Date	TOTAL	\$0.00	\$0.00
Environmental:		Date		\$455,054.00	\$455,054.00
Other (specify):	HQ, Rich Foley	Date 5/24/12	FEDERAL PARTICIPATION		
Other (specify):	Struct. Maint, Lina Ellis	Date 7/6/12	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
District Prior Approval By:	HQ, Larry Salhaney	Date 5/24/12	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:		Date	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date	FEDERAL FUNDING SOURCE		
		10/26/12	PERCENT		

