

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONTRACT CHANGE ORDER MEMORANDUM

DATE: 12/20/2010 Page 1 of 1

TO: Pete Siegenthaler, Prin TE /		FILE: E.A. 04 - 0120F4		
FROM: Kannu Balan, Senior TE		CO-RTE-PM SF-80-13.2/13.9		
		FED. NO.		
CCO#: 170	SUPPLEMENT#: 0	Category Code: CHSA	CONTINGENCY BALANCE (incl. this change) \$172,238,404.81	
COST: \$150,000.00		INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>		
SUPPLEMENTAL FUNDS PROVIDED: \$0.00		HEADQUARTERS APPROVAL REQUIRED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
CCO DESCRIPTION: Wrapping Wire Welding		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:

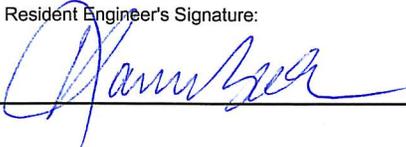
Developing, demonstrating, and providing a method to secure "S"-shaped wrapping wire for the main cable as approved or directed by the Engineer.

Section 10-1.60, "Cable System," of the Contract Special Provisions, calls for solder to secure "S"-Shaped Wrapping Wire for the main cable. Soldering is not an acceptable method for securing the wrapping wire and is not consistent with the intended service life of the main cable. This is the first use of "S"-Shaped Wrapping Wire in this country. In Japan thermite welding, a common thermo-chemical weld process, has been adapted for this purpose. There is currently no importer in the United States for the equipment and material used in Japan. Obtaining and testing it will require extra work. As an alternative the contractor is working with a domestic company familiar with thermite welding to develop an acceptable weld. Either solution will require additional effort beyond what could be contemplated at time of bid from the contract documents. Once a decision has been made on the wire wrapping method, a supplemental change order will be issued to revise the specifications and cover additional material procurement and installation costs.

This work will be paid as extra work at force account and the Department estimates it to total \$150,000.00, which can be financed from the contingency fund.

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

This change order has concurrence from Peter Siegenthaler (Principal TE), Ken Terpstra (Proj. Manager), Brian Boal (Supervising BE), Rich Foley (HQ Oversight), and Wenyi Long (Design Oversight). Maintenance concurrence is not required for this change.

CONCURRED BY:		ESTIMATE OF COST	
Construction Engineer:	Date	THIS REQUEST	TOTAL TO DATE
Bridge Engineer: Struct Rep, Brian Boal, Sup BE	Date 12/13/10	ITEMS \$0.00	\$0.00
Project Engineer: CT Oversight, Wenyi Long, P.E.	Date 12/14/10	FORCE ACCOUNT \$150,000.00	\$150,000.00
Project Manager: Proj Manager, Ken Terpstra	Date 12/14/10	AGREED PRICE \$0.00	\$0.00
FHWA Rep.:	Date	ADJUSTMENT \$0.00	\$0.00
Environmental:	Date	TOTAL \$150,000.00	\$150,000.00
Other (specify): PCE, Pete Siegenthaler, Prin TE	Date 12/13/10	FEDERAL PARTICIPATION	
Other (specify): HQ, Rich Foley	Date 12/14/10	<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:	Date	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	PERCENT
	12-20-10	_____	_____
		_____	_____