

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONTRACT CHANGE ORDER MEMORANDUM

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TO: Tony Anziano, Program Manager /			FILE: E.A. 04 - 0120F4	
FROM: Darryl Schram, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
CCO#: 186 SUPPLEMENT#: 0 Category Code: CHPA			FED. NO.	
COST: \$408,528.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			CONTINGENCY BALANCE (incl. this change) \$105,667,854.58	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: Bikepath Stud Issue			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: 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:

Modifying bikepath anchor studs on cantilever beams by replacing studs, increasing the bottom hole diameter at the east end of each bike path panel and the belvedere, installing elastomeric sleeves on the studs in the oversized holes, increasing the size of the elastomeric washers, and repairing damaged paint.

The performance of the bikepath in a seismic event is dependent on the strength and ductility of the studs. To address this the less ductile ASTM A307 grade 60 ksi studs will be replaced with higher ductility A108 grade 60 ksi studs. In addition, to further reduce the ductility demand on the studs, the bottom hole diameter on the bikepath panels will be increased to allow greater movement.

The total cost of this change order is \$408,528.00 lump sum, 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 concurrence from William Casey (Supervising TE), Rich Foley (HQ Oversight), Ken Terpstra (Project Manager), Wenyi Long (Bridge Design), Lina Ellis (Maintenance), and Jing Chen (District Design).

CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date	3/20/12	THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date	1/26/11	ITEMS	\$0.00
Project Engineer:	District Design, Jing Chen	Date	3/16/11	FORCE ACCOUNT	\$0.00
Project Manager:	Proj Manager, Ken Terpstra	Date	6/28/12	AGREED PRICE	\$408,528.00
FHWA Rep.:		Date		ADJUSTMENT	\$0.00
Environmental:		Date		TOTAL	\$408,528.00
Other (specify):	Struct. Maint, Lina Ellis	Date	1/26/11	FEDERAL PARTICIPATION	
Other (specify):	HQ, Rich Foley	Date	3/20/12	<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	3/21/12	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	8/21/12	FEDERAL FUNDING SOURCE	PERCENT