

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#: 217	SUPPLEMENT#: 1	Category Code: CHPT	CONTINGENCY BALANCE (incl. this change) \$89,025,530.99	
COST: \$364,650.00		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: Skyway Bikepath Joint Cover Plates		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:

On the Skyway portion of the San Francisco/Oakland Bay Bridge East Span Seismic Safety Project: Revising bikepath joint cover plate at Hinge A and providing a credit for revising this joint cover plate under CCO 193. Modifying bolts, adding neoprene seals, and adding approach tapers to the bikepath joint cover plates at Hinges A, B, C, and D. Modifying the pipe supports under bikepath at Hinges B and C. Modifying bikepath joint cover plate at Hinge B to sit flush. Furnishing and installing stainless steel shims at three emergency access gates. Repairing primer on the Hinges. Repairing concrete polyester overlay at Hinge A.

On the Oakland Touchdown portion of the San Francisco/Oakland Bay Bridge East Span Seismic Safety Project, providing a credit for installation of Loc-Tite on the bikepath railing divider sections.

Contract Change Order (CCO) 193 "Skyway Bikepath Expansion Joints" directed revisions to the expansion joints on the Skyway. While performing CCO 193 modifications, water was encountered in the Skyway bikepath box sections and construction issues with the cover plate at Hinge A were identified. This change order will modify the cover plate at Hinge A to make it one piece; to match the other hinge plates and eliminate a plate joint. A credit will be provided for the CCO 193 joint cover plate revisions at Hinge A since they were not implemented and are superseded by CCO 217 S1. CCO 217 S0 "Skyway Bikepath Panel Investigation" addressed water removal and this change order supplement (CCO 217 S1) will install additional bolts at the bikepath joint cover plate connection and will modify the cover plate taper and bolt details to prevent future water intrusion. The pipe supports at Hinges B and C will be modified to eliminate interference with CCO 193 expansion joint work. Hinge B cover plates will also be modified to sit flush. CCO 179 "Skyway Bikepath Railing Modifications" removed and replaced the emergency access gate system. On three of the gates that were modified under CCO 179, shim plates will be installed under the tracks to raise the gates slightly to maintain the aesthetic profile of the railing. Concrete polyester overlay at Hinge A will be disturbed while performing these modifications therefore it will be replaced after modifications are complete.

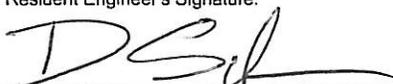
CCO 192 "OTD Divider Rail Light Housing" directed removal and replacement of bolts on the rail base plates of the bikepath railing divider sections. Loc-Tite was to be installed to hold the bolts in place. The bolts were removed and replaced but the final rail profile remains under development by the Department. A credit will be provided for the CCO 192 Loc-Tite that will not be installed due to the rail profile not being finalized. The rail profile corrections will now be performed by a different contract.

This change order resolves the costs associated with Contractor Request for Information (RFI) numbers 2651 and 2798 with respect to the changes listed above.

The total cost of this change order is \$264,650.00 lump sum and \$100,000.00 force account for a total of \$364,650.00, which can be financed from the contingency fund. A detailed cost analysis is on file. The cumulative total of CCO 217 S0 and S1 is \$464,650.00.

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 2/8/12		THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 1/4/13	ITEMS	\$0.00	\$0.00
Project Engineer:	District Design, Jing Chen	Date 1/4/13	FORCE ACCOUNT	\$100,000.00	\$200,000.00
Project Manager:	Proj Manager, Ken Terpstra	Date 3/14/12	AGREED PRICE	\$264,650.00	\$264,650.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	TOTAL	\$364,650.00	\$464,650.00
Other (specify):	HQ, Rich Foley	Date 2/8/12	FEDERAL PARTICIPATION		
Other (specify):	Struct. Maint, Lina Ellis	Date 1/4/13	<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, Sey Hossnieh	Date 8/3/12	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type) <input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
HQ (Issue Approve) By:		Date	FEDERAL FUNDING SOURCE	PERCENT	
Resident Engineer's Signature:		Date 3/11/13	_____ _____ _____		