

CONTRACT CHANGE ORDER MEMORANDUM

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#: 179	SUPPLEMENT#: 0	Category Code: CHPA	CONTINGENCY BALANCE (incl. this change) \$165,280,178.11	
COST: \$3,065,595.00 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 Railing Modifications			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, replacing existing bikepath divider railing shims, revising electrical conduit details for the bikepath railing fixtures, and modifying existing emergency access gates.

The Skyway bikepath divider rail panels were installed using narrow shims at the base plates to plumb the railings. At certain locations, thermal expansion has caused the shims to slide out, presenting a safety hazard. The existing shims will be removed and replaced with full width tapered shims that provide more durable support. The bridge architect has requested that the existing electrical conduit for the Skyway portion of the bikepath railing light fixtures be reconfigured to improve the aesthetic appeal of the structure. Conduit will be rerouted from the bottom of the bikepath, through the bikepath, and into the divider rail on the East post of the South side railing. This change order also modifies the conduit entry points and adds hand holes for maintenance of the knee lights wiring. The bikepath emergency access gates are not properly working. Existing gates wheels, track, and hardware, will be removed and replaced with an angled gate system that matches those being used on the SAS and OTD.

The total cost of this change order is \$3,065,595.00, 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 concurrence from Peter Siegenthaler (Principal TE), William Casey (Supervising TE), Rich Foley (HQ Oversight), Ken Terpstra (Proj. Manager), Wenyi Long (Design Oversight), Lina Ellis (Maintenance), and Jing Chen (District Design) May 16, 2011.

Toll Bridge Program Oversight Committee (TBPOC) approved this change order on May 5, 2011, for a value not to exceed amount of \$3.6M.

The Resident Engineer requests Headquarters CCO Desk "Issue and Approve".

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CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	PCE, Pete Siegenthaler, Prin TE	Date 5/10/11		THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	William Casey, Sup TE	Date 5/4/11	ITEMS	\$0.00	\$0.00
Project Engineer:	CT Oversight, Wenyi Long, P.E.	Date 5/16/11	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:	Proj Manager, Ken Terpstra	Date 5/24/11	AGREED PRICE	\$3,065,595.00	\$3,065,595.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	TOTAL	\$3,065,595.00	\$3,065,595.00
Other (specify):	HQ, Rich Foley	Date 5/10/11	FEDERAL PARTICIPATION		
Other (specify):	Struct. Maint, Lina Ellis	Date 5/17/11	<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 6/1/11	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 8-18-11	_____ _____ _____		