

**CONTRACT CHANGE ORDER MEMORANDUM**

TO: Pete Siegenthaler, Prin TE /			FILE: <b>E.A.</b> 04 - 0120F4	
FROM: Kannu Balan, Senior TE			<b>CO-RTE-PM</b> SF-80-13.2/13.9	
CCO#: <b>178</b> SUPPLEMENT#: <b>0</b> Category Code: <b>CHPK</b>			<b>FED. NO.</b>	
COST: <b>\$1,573,636.00</b> INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			CONTINGENCY BALANCE (incl. this change) <b>\$172,739,700.11</b>	
SUPPLEMENTAL FUNDS PROVIDED: <b>\$0.00</b>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>CCO DESCRIPTION:</b> Skyway Bikepath Traveler			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
			<b>PROJECT DESCRIPTION:</b> CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: <b>2490</b> Day(s)	Time Adj. This Change: <b>0</b> Day(s)	Previously Approved CCO Time Adjustments: <b>501</b> Day(s)	Percentage Time Adjusted: (including this change) <b>20</b> %	Total # of Unreconciled Deferred Time CCO(s): (including this change) <b>3</b>

**THIS CHANGE ORDER PROVIDES FOR:**

Modifying the existing bikepath belvedere architectural beams, bikepath maintenance traveler, and traveler rail on the Skyway portion of the East Span San Francisco/Oakland Bay Bridge.

The traveler was installed as part of the Skyway construction contract (EA 04-012024). After installation of the travelers, it was discovered that the belvedere beams are in physical conflict with the outer traveler rail do not permit passage of the traveler trolleys. A safety review recommended that the structural capacity of the outer traveler rail be improved. Therefore, bolts are being added to strengthen the existing connection.

Furthermore, Maintenance recommended that the existing timber support on the traveler be replaced with steel structural tubing to reduce future maintenance needs. The original design of the existing access ladder to each traveler needs to be improved for stability and accessibility.

This change order will be presented to the Toll Bridge Program Oversight Committee (TBPOC) in May 2011 for their approval.

The total cost of this change order is \$1,573,636.00, 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 BE), Ken Terpstra (Proj. Manager), Rich Foley (HQ Oversight), Wenyi Long (Design Oversight), Lina Ellis (Maintenance), and Jing Chen (District Design) April 6, 2011.

The Resident Engineer requests Head Quarters CCO Desk "Issue and Approve".

<b>CONCURRED BY:</b>		<b>ESTIMATE OF COST</b>	
Construction Engineer: PCE, Pete Siegenthaler, Prin TE	Date 4/8/11	THIS REQUEST	TOTAL TO DATE
Bridge Engineer: William Casey, Sup BE	Date 4/6/11	ITEMS	\$0.00
Project Engineer: CT Oversight, Wenyi Long, P.E.	Date 4/5/11	FORCE ACCOUNT	\$200,000.00
Project Manager: Proj Manager, Ken Terpstra	Date 4/8/11	AGREED PRICE	\$1,373,636.00
FHWA Rep.:	Date	ADJUSTMENT	\$0.00
Environmental:	Date	<b>TOTAL</b>	<b>\$1,573,636.00</b>
Other (specify): HQ, Rich Foley	Date 4/11/11	<b>FEDERAL PARTICIPATION</b>	
Other (specify): Struct. Maint, Lina Ellis	Date 4/5/11	<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:	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
	5-2-11	_____	_____
		_____	_____