

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#: 162	SUPPLEMENT#: 0	Category Code: CHPT	CONTINGENCY BALANCE (incl. this change) \$10,127,000.00
COST: \$155,598.00		INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>	HEADQUARTERS APPROVAL REQUIRED? <input type="checkbox"/> YES <input checked="" 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: Cross Beam 19 Studies & Engineering		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) 1

THIS CHANGE ORDER PROVIDES FOR:

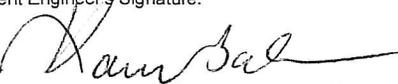
As directed by the Engineer, performing advanced planning studies and engineering work for cross beam 19 including erection gantry design modifications, revised construction sequence analysis for Lifts 12 to 14, and re-verification of east end truss-Tower design.

The erection work for cross beam 19 is being re-sequenced to allow for an early start of the cable work. The gantry was designed for erecting 115 MT typical crossbeams and must be modified to erect the heavier 176 MT crossbeam 19. The loads and stresses of the truss and Towers supporting the east end are being reanalyzed using the final weights and erection sequence. This work is a result of CCO 160, which accelerates the schedule to achieve seismic safety by placing traffic onto the new bay bridge by December 2013.

[This change, the Contractor will be paid the agreed upon lump sum of \$155,598.00, 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 (Acting Supervising Bridge Engineer), 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, Bill Casey, Sup BE	Date 9/9/10	ITEMS	\$0.00	\$0.00
Project Engineer:	CT Oversight, Wenyi Long, P.E.	Date 7/29/10	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:	Date		AGREED PRICE	\$155,598.00	\$155,598.00
FHWA Rep.:	Date		ADJUSTMENT	\$0.00	\$0.00
Environmental:	Date		TOTAL	\$155,598.00	\$155,598.00
Other (specify):	PCE, Pete Siegenthaler, Prin TE	Date 9/9/10	FEDERAL PARTICIPATION		
Other (specify):	Date		<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
	9-10-30		_____		_____
			_____		_____