

**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. No				
CCO#: 300	SUPPLEMENT#: 0	Category Code: CHSA	CONTINGENCY BALANCE (incl. this change) <b>\$82,570,223.04</b>	
COST: <b>\$719,138.00</b>		INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>		
SUPPLEMENTAL FUNDS PROVIDED: <b>\$0.00</b>		HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
CCO DESCRIPTION: Polyolefin Bead Nonskid		PROJECT DESCRIPTION: 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:**

Applying polyolefin bead nonskid surface in accordance with added Special Provisions Section 10-1.74 "NONSKID SURFACE," subsection "POLYOLEFIN BEAD NONSKID SURFACE," on Tower strut facades at elevations 77.0 m through 160.0 m, Tower saddle housing, Tower Head diaphragm plate, external diaphragm plate at Tower base, Orthotropic Box Girder (OBG) crossbeams, OBG counterweights, fender and ships ladders, Tower access platforms, and Tower top plate at elevation 160.0 m. Removing nonskid surface from faying surfaces of Tower strut facades at elevations 18.0 m through 77.0 m. Applying polyolefin bead nonskid surface over the epoxy mixed with grit nonskid surface on Tower strut facades at elevations 18.0 m through 77.0 m. Applying polyolefin bead nonskid surface in lieu of epoxy mixed with grit nonskid surface behind the barrier rail along the OBG.

Epoxy mixed with grit will be changed to a polyolefin bead nonskid surface to improve the aesthetic appearance. To address safe access concerns for Caltrans maintenance and inspection personnel, polyolefin bead nonskid surface will be applied to exterior walking surfaces on the Tower, crossbeams, counterweights, and ladders.

Epoxy mixed with grit nonskid surface was applied to some of the Tower strut facades at the fabricators facility, prior to the decision being made to change the nonskid surface requirements to polyolefin bead. To provide a consistent appearance throughout the Tower, polyolefin bead nonskid surface will be applied at these elevations. Nonskid will be removed from faying surfaces in order to comply with CCO 94 S0 plan sheets which were issued after painting had completed at the fabricator's facility.

The nonskid surface along the OBG edges will be changed from epoxy mixed with grit that was to be applied at the fabricators facility to polyolefin bead that will be applied at the project site, to improve the aesthetic appearance. Contract Change Order (CCO) 94 S0 "Additional Painting" provided a credit for not applying nonskid at the fabricators facility along the OBG edges. This change order will include the cost to apply nonskid at the project site along the OBG edges.

The total cost of this change order is \$719,138.00 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), Wenyi Long (Bridge Design), Lina Ellis (Maintenance), and Jing Chen (District Design).

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CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date 3/4/13		THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 3/5/13	ITEMS	\$0.00	\$0.00
Project Engineer:	District Design, Jing Chen	Date 3/5/13	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:		Date	AGREED PRICE	\$719,138.00	\$719,138.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	TOTAL	\$719,138.00	\$719,138.00
Other (specify):	HQ, Rich Foley	Date 3/5/13	<b>FEDERAL PARTICIPATION</b>		
Other (specify):	Struct. Maint, Lina Ellis	Date 3/8/13	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE		
District Prior Approval By:	HQ, Larry Salhaney	Date 3/8/13	<input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
HQ (Issue Approve) By:		Date	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
Resident Engineer's Signature:		Date 5/13/13	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
			FEDERAL FUNDING SOURCE	PERCENT	
			_____		
			_____		
			_____		