

**CONTRACT CHANGE ORDER MEMORANDUM**

TO: Tony Anziano, Program Manager /		FILE: <b>E.A.</b> 04 - 0120F4		
FROM: Darryl Schram, Senior TE		<b>CO-RTE-PM</b> SF-80-13.2/13.9		
		<b>FED. NO.</b> No		
CCO#: <b>43</b>	SUPPLEMENT#: <b>2</b>	Category Code: <b>CBPC</b>	CONTINGENCY BALANCE (incl. this change) <b>\$47,392,053.62</b>	
COST: <b>\$70,000.00</b>		INCREASE <input checked="" type="checkbox"/>	DECREASE <input type="checkbox"/>	HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
SUPPLEMENTAL FUNDS PROVIDED: <b>\$0.00</b>		IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
<b>CCO DESCRIPTION:</b> Add. Funds State Furnished Light Poles		<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>0</b> Day(s)	Percentage Time Adjusted: (including this change) <b>0</b> %	Total # of Unreconciled Deferred Time CCO(s): (including this change) <b>22</b>

**THIS CHANGE ORDER PROVIDES FOR:**

Providing additional funds for installation of the roadway light poles.

Contract Change Order (CCO) 43 S0 "Lighting Revisions" modified mounting brackets and pull boxes for Tower lights. CCO 43 S1 "State Furnished Light Poles" eliminated furnishing of roadway and belvedere lighting poles from the SAS Project so that one fabricator under a separate contract could fabricate them for the entire bridge but left installation of the poles under the SAS contract. Bay Area Toll Authority (BATA) awarded a procurement contract to purchase all of the poles and provide them as State furnished.

Most of the light poles are mounted on concrete pedestals; however ten SAS roadway light poles are mounted on steel pedestals. Steel poles mounted on steel pedestals require a mill-to-bear tolerance specification, which was omitted from the BATA contract specifications. The poles were delivered and mounted on the SAS steel pedestals before it was discovered that the bearing surfaces of ten of the poles and pedestals did not completely bear over the entire area. In order to ensure a proper fit up, these ten poles were removed from the SAS steel pedestals and the shipped to the fabricator for the necessary milling process, which was compensated under a separate BATA change order. When the poles returned, fixtures, cameras and MVDS units were reattached and the poles were re-erected.

As part of CCO 43 S1, force account funds were provided for any additional work necessary to install the state furnished poles due to changes from the contract plans. This change order provides the remainder of the expected cost to remove and disassemble the poles, handle and load onto trucks, and unload, reassemble, and reinstall after their return from the fabricator.

The total cost of this change order is \$70,000.00 force account, which can be financed from the contingency fund. A detailed cost analysis is on file. The cumulative total of CCO 43 S0, S1, and S2 is \$295,903.00.

No time adjustment is warranted as this change order does not affect the controlling operation.

This change order will obtain 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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<b>CONCURRED BY:</b>			<b>ESTIMATE OF COST</b>		
Construction Engineer:	William Casey, Sup TE	Date 11/7/13		THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 11/14/13	ITEMS	\$0.00	\$1,010.00
Project Engineer:	District Design, Jing Chen	Date 11/14/13	FORCE ACCOUNT	\$70,000.00	\$170,000.00
Project Manager:	Proj Manager, Ken Terpstra	Date 11/25/13	AGREED PRICE	\$0.00	\$0.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$124,893.00
Environmental:		Date	<b>TOTAL</b>	<b>\$70,000.00</b>	<b>\$295,903.00</b>
Other (specify):	HQ, Rich Foley	Date 11/12/13	<b>FEDERAL PARTICIPATION</b>		
Other (specify):	Struct. Maint, Lina Ellis	Date 11/19/13	<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:		Date	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:		Date	<input checked="" type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date	FEDERAL FUNDING SOURCE	PERCENT	
		12/6/13	_____	_____	
			_____	_____	