

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#: 292	SUPPLEMENT#: 0	Category Code: CHXX	CONTINGENCY BALANCE (incl. this change) \$82,312,699.40	
COST: \$67,948.00		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: Elastomeric Collar Adhesion		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:

At East Panel Points (EPP) 50 through 102, providing for elastomeric and split collar installation costs incurred prior to the Stop Work Notice, removing elastomeric and split collars, abrading and buffing both elastomeric collar halves, and after installation, clamping the upper halves of elastomeric collars together with cable ties in accordance with the revised installation procedure. At EPP 10 through 48 & West Panel Points (WPP) 10 through 102, where elastomeric collars have not been installed, abrading and buffing both elastomeric collar halves, and after installation, clamping the upper halves of elastomeric collars together with cable ties in accordance with the revised installation procedure. Removing glue that interferes with elastomeric collar installation and repairing paint.

During installation of the split collars the adhesive between the two halves of the elastomeric collars began to fail. Gaps developed between the exposed flanges of the elastomeric halves. On January 8, 2013, the Department issued a Stop Work Notice for installation of the elastomeric collars and split collars. The Department, with the Contractor and the adhesive manufacturer, investigated the cause of the adhesive's bonding issues. The investigation found that in order for the adhesive to bond adequately, the adhesive needed optimal surface preparation of the elastomeric substrate. As a result, the Department revised the adhesive application procedure to include abrading and buffing of the substrate prior to application of the adhesive. In addition, to avoid any movement of the collars while the adhesive cures, the Contractor has altered their means and methods for installing the elastomeric collars. Lastly, the Department requires cable ties be used to clamp and hold together the upper halves while the adhesive cures. The response to ABF-RFI-3168R00 incorporates these agreed upon changes with a revised installation procedure. Since multiple issues contributed to the bonding failures, the Department will compensate for installation costs incurred and removal of collars installed prior to the Stop Work Notice, while the Contractor will install the adhesive and collars in accordance with the revised procedure for no additional cost. The Department will also compensate for abrading and buffing the elastomeric collar halves.

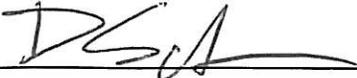
This change order resolves the costs associated with Contractor Request for Information (RFI) number 3168 R0 with respect to changes listed above.

The total cost of this change order is \$67,948.00 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), Jing Chen (District Design), and Lina Ellis (Maintenance).

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CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date 4/27/13		THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 4/29/13	ITEMS	\$0.00	\$0.00
Project Engineer:	District Design, Jing Chen	Date 4/30/13	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:		Date	AGREED PRICE	\$67,948.00	\$67,948.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	TOTAL	\$67,948.00	\$67,948.00
Other (specify):	HQ, Rich Foley	Date 4/29/13	FEDERAL PARTICIPATION		
Other (specify):	Struct. Maint, Lina Ellis	Date 4/29/13	<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 type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date	FEDERAL FUNDING SOURCE	PERCENT	
		5/29/13	_____		

