

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#: 284	SUPPLEMENT#: 0	Category Code: CHPT	CONTINGENCY BALANCE (incl. this change) \$84,691,061.04	
COST: \$19,697.00 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: Addl Shims for B14 Cable Bands			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:

Applying upward force in lieu of downward force on the cable to install shims at East Panel Point (EPP) and West Panel Point (WPP) 112 cable brackets. Performing additional field work to raise the cable and install additional shims at EPP/WPP 110 and WPP 114 cable brackets. Installing additional 10 mm shim at EPP 116 cable bracket. Procuring four 3/8" thick shims for B14 Cable Bands.

The shim installation procedure at PP 112 and the shim heights required at PP 110, 114, and 116 will be changed due to the cable profile differing from that surveyed at the end of Phase 1 Load Transfer. The slotted holes in the PP 112 cable brackets do not allow enough movement to install shims at that location by lowering the cable. Therefore the cable will be raised to install shims. Compensation will be provided for the difference in cost to move the cable with an upward force in lieu of a downward force. In order to modify the cable profile at PP 110 so the cable bracket at PP 112 can be installed, additional shims will be installed at PP 110. Since shimming at PP 110 has been completed, additional work will be needed to raise the cable at PP 110 and install the additional shims. The original response to RFI 3142 directed 100 mm of shims be installed at the WPP 114 cable bracket. A revised response to RFI 3142 was issued that requires 110 mm of shims at WPP 114. Therefore additional work is necessary to raise the cable and install an additional shim at WPP 114. The shim stack at EPP 116 will be increased prior to installation. Extra shims procured under Contract Change Order (CCO) 240 S0 "Suspender Shims and Saddle Blocking" and spare item work shims will be used for this work.

Additional shims will be procured for potential use at Panel Points (PP) 112, 114, and 116 to provide the best fit up of the cable brackets based upon as-built gap conditions. The shims may be needed in the gap between the lower half of the cable band and the cable bracket due to the position of the main cable being different than as shown on the contract plans. Should these shims need to be installed this additional work will be addressed in a separate change order.

The total cost of this change order is \$19,697.00 lump sum, which can be financed from the contingency fund. A detailed cost estimate 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), and Lina Ellis (Maintenance).

CONTRACT CHANGE ORDER MEMORANDUM

CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date 2/15/13		THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 2/19/13	ITEMS	\$0.00	\$0.00
Project Engineer:	District Design, Jing Chen	Date 2/19/13	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:		Date	AGREED PRICE	\$19,697.00	\$19,697.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	TOTAL	\$19,697.00	\$19,697.00
Other (specify):	HQ, Rich Foley	Date 2/19/13	FEDERAL PARTICIPATION		
Other (specify):	Struct. Maint, Lina Ellis	Date 2/19/13	<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 type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date	FEDERAL FUNDING SOURCE	PERCENT	
		5/1/13	_____	_____	_____
			_____	_____	_____
			_____	_____	_____