

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#: 269	SUPPLEMENT#: 0	Category Code: CHSA	CONTINGENCY BALANCE (incl. this change) \$57,900,621.22	
COST: \$505,951.00		INCREASE <input checked="" type="checkbox"/>	DECREASE <input type="checkbox"/>	HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input 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: Misc. Cable Modifications		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:

Revising painting of suspender ropes above the socket, caulking suspender clamps and separators, providing slotted holes in the anchor stanchion channels and strong motion sensor enclosure platform, procuring additional plate washers for the M16 cable band bolts, and modifying messenger cable supports.

The highly elastic Noxyde Plus paint system allows moisture to travel down the suspender ropes to the socket where it can not travel further and builds a hydrostatic head that will blister the paint. Therefore, the bottom of the suspender rope above the socket will be painted with less elastic Wasser MC-Zinc 100 to allow moisture to escape. The suspender ropes will be sealed with caulk around items on the cable in order to prevent water from causing corrosion and blistering the coating.

The final condition of the main cable requires modifications to enable fit-up and resolve interferences. Long slotted holes will be used to facilitate anchor stanchion and strong motion sensor enclosure platform fit-up with the cable bands. Additional plate washers will be installed on the M16 cable band bolts to accommodate a gap variance and prevent jamming the nut on the thread run-out of the bolt. The anchor plates will be extended outward from the stanchion posts at PP 40 and 44 to resolve conflict between the messenger cable turnbuckle and cable bands. Messenger cable supports will be modified to resolve conflict with the cable bands at PP 36, 38, 46 and 48. The messenger cable will be raised to resolve interference between conduits and the cable bands at PP 98 and 100.

This change order resolves the costs associated with Contractor Request for Information (RFI) numbers 2994R0, 2994R1, 3020, 3064, 3065, 3143R0, 3143R1, and 3158 with respect to changes listed above.

The total cost of this change order is \$505,951.00 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 7/14/12	THIS REQUEST	TOTAL TO DATE
Bridge Engineer: CT Oversight, Wenyi Long, P.E. Date 1/25/13	ITEMS \$0.00	\$0.00
Project Engineer: District Design, Jing Chen Date 1/28/13	FORCE ACCOUNT \$0.00	\$0.00
Project Manager: Date	AGREED PRICE \$505,951.00	\$505,951.00
FHWA Rep.: Date	ADJUSTMENT \$0.00	\$0.00
Environmental: Date	TOTAL \$505,951.00	\$505,951.00
Other (specify): HQ, Rich Foley Date 12/17/12	FEDERAL PARTICIPATION	
Other (specify): Struct. Maint, Lina Ellis Date 1/30/13	<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: HQ, Larry Salhaney Date 2/12/13	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type) <input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS	
HQ (Issue Approve) By: Date	FEDERAL FUNDING SOURCE	PERCENT
Resident Engineer's Signature:  Date 8/14/13	_____ _____ _____	