

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.				
CCO#: 223	SUPPLEMENT#: 1	Category Code: CHPT	CONTINGENCY BALANCE (incl. this change): \$100,488,403.51	
COST: \$250,000.00		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: Split Collar Casting Repairs			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:

Welding repair of several split collar cast pieces to correct for voids or other discontinuities that were exposed to the surface during the machining process as directed in CCO 223 S0. Machine all available Type 1 spare sets of split collar castings. Machine 1 additional Type 1 modified split collar casting out of solid stock in case original casting cannot be weld repaired.

The acceptance testing requirements for the fabricated split collars is specified for in Special Provisions Section 10-1.60 "Cable System", subsection "Steel Castings". This section specifies that after final machining all castings shall be inspected by visual (VT) and magnetic particle (MT) testing. The split collars were fabricated, inspected, and released to the job site.

After the split collars were completed and released, CCO 223 S0 was issued to the Contractor. CCO 223 S0 directed the Contractor to perform additional machining of the split collars in order to resolve conflicts with other parts of the completed work. In performing this additional machine work, internal voids and other discontinuities that were otherwise acceptable are now exposed to the surface and detectable by VT and MT inspection. These discontinuities exceed the surface discontinuity criteria of Section 10-1.60 and require weld repairs. This additional weld repair work was not included in the work directed by CCO 223 S0. CCO 223 S1 will compensate the Contractor for this additional weld repair work. To minimize the amount of weld repair required and thereby expedite delivery to site of the split collars, all available castings will be machined. The castings requiring no repairs or the least amount of repair will be selected for further processing. An additional 46 castings will be machined beyond the number that will be delivered the site.

The estimated cost of this change order is \$250,000.00, which can be financed from the contingency fund. A detailed cost analysis is on file. The cumulative total of CCO 223 S0 and S1 is \$393,646.00.

This change order modifies Bid Item 68 - Furnish Suspender System.

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

This change order has obtained concurrence from William Casey (Supervising TE), Rich Foley (HQ Oversight), Ken Terpstra (Project Manager), 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 6/26/12		THIS REQUEST	TOTAL TO DATE		
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 6/26/12	ITEMS	\$0.00	\$0.00		
Project Engineer:	District Design, Jing Chen	Date 6/26/12	FORCE ACCOUNT	\$0.00	\$0.00		
Project Manager:	Proj Manager, Ken Terpstra	Date 6/26/12	AGREED PRICE	\$0.00	\$0.00		
FHWA Rep.:		Date	ADJUSTMENT	\$250,000.00	\$393,646.00		
Environmental:		Date	TOTAL	\$250,000.00	\$393,646.00		
Other (specify):	HQ, Rich Foley	Date 7/19/12	FEDERAL PARTICIPATION				
Other (specify):	Struct. Maint, Lina Ellis	Date 6/26/12	<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, Sey Hossnieh	Date 8/3/12	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			
							
			_____			_____	
			_____			_____	