

CONTRACT CHANGE ORDER MEMORANDUM

TO: Pete Siegenthaler, Prin TE /		FILE: E.A. 04 - 0120F4		
FROM: Kannu Balan, Senior TE		CO-RTE-PM SF-80-13.2/13.9		
		FED. NO.		
CCO#: 134	SUPPLEMENT#: 0	Category Code: FHBA	CONTINGENCY BALANCE (incl. this change) \$172,432,044.81	
COST: \$484,953.00		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: RFCO 66, 67, and NOPC 14		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) 4

THIS CHANGE ORDER PROVIDES FOR:

Compensating for the application of several dimensional control tolerances, which were incorporated into or applied to the contractor's Dimensional Control Plan (DCP) by the Department, where the application of such tolerances has resulted in extra work.

In Request for Change Order (RFCO) 67 and NOPC 14, to maintain structural adequacy, the Department included red-line corrections to the Contractor's DCP which limited the slope of the misaligned stiffeners to 1:150 in the vicinity of segment splices. Between segments 1AAW and 1AW, the alignment of rib stiffeners did not meet the Department imposed 1:150 slope criteria and the contractor was directed to perform extra work to bring them into compliance.

RFCO 66 involves the straightness and flatness tolerances of the OBG component walls. Special Provisions Section 10-1.59 "STEEL STRUCTURES," subsection "SHOP WELDING," subsection "Design Details," state that the component walls of box girder shall be straight within 1:1000. This requires the OBG Skin Plates to meet both straightness and flatness tolerances. "L" is not defined in either the Special Provisions or AWS. The Contractor interpreted "L" to be equal to a segment length or lift length. Defining "L" equal to the length of the longest segment or lift could result in unreasonably large flatness deviation tolerances. To maintain structural integrity, the Department required that the straightness tolerances of the component walls of the box girder between the floorbeams that are spaced 5 m apart to be 5 mm maximum. The Department considers compliance with the above requirement to be extra work since the length "L" dimension to be applied to the straightness requirement is not specifically defined in the contract.

For this change, the Contractor will be paid the agreed upon lump sum of \$484,953.00, which can be financed from the contingency fund. A detailed cost analysis is on file. This change order fully resolves all costs associated with Contractor Request For Change Order (RFCO) numbers 66 and 67 and NOPC 14. Additional work to perform field survey and necessary retrofit to bring OBG field joints into flatness compliance will be addressed in a supplemental change order.

A determination of the delay in completion of the contract due to work specified by Contract Change Order 134, has been made in CCO 108S1 and CCO 160 for this project. Therefore, no adjustment of time is warranted by reason of this change order.

This change order has concurrence from Peter Siegenthaler (Principal TE), Bill Casey (Structure Rep.), Rich Foley (HQ Oversight), Ken Terpstra (Project Manager), and Wenyi Long (Design Oversight). Maintenance concurrence is not required for this change order.

The Resident Engineer requests Head Quarters CCO Desk "Issue and Approve".

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CONCURRED BY:		ESTIMATE OF COST	
Construction Engineer:	PCE, Pete Siegenthaler, Prin TE Date 11/15/10		
Bridge Engineer:	Struct Rep, Bill Casey, Actg. Sup B Date 11/12/10		
Project Engineer:	CT Oversight, Wenyi Long, P.E. Date 8/12/10		
Project Manager:	Proj Manager, Ken Terpstra Date 11/16/10		
FHWA Rep.:	Date		
Environmental:	Date		
Other (specify):	HQ, Rich Foley Date 11/16/10		
Other (specify):	Date		
District Prior Approval By:	Date		
HQ (Issue Approve) By:	Date		
Resident Engineer's Signature:	Date		
		FEDERAL PARTICIPATION	
		<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	
		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	
		FEDERAL FUNDING SOURCE	PERCENT
		_____	_____
		_____	_____
		_____	_____