

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#: 103	SUPPLEMENT#: 0	Category Code: CHPT	CONTINGENCY BALANCE (incl. this change) \$64,147,652.81	
COST: \$79,790.00 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: Box Girder Axial Camber			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: 227 Day(s)	Percentage Time Adjusted: (including this change) 9 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 6

THIS CHANGE ORDER PROVIDES FOR:

Revising the Orthotropic Box Girder (OBG) axial camber values at PP 98 to 100 ("E" line only), PP 108 to 110, PP 112 to 114 ("E" line only) and PP 126 to Hinge A. Adding 45 mm to the end of Lift 11 OBG structure and to the components that cross OBG Field Splice No. 11. Modifying the location of the cable bands. Revising design calculations and shop drawings to reflect these changes.

Once the actual Hinge A & K reactions were determined, the Contractor performed an OBG axial camber analysis which resulted in different values than those projected in the plan sheets. The axial camber values were revised to incorporate the actual values, which resulted in the need to lengthen the OBG and components at Field Splice No. 11 (Segments 11E or 12A). Besides the OBG structure, other components affected are the barrier, traveler rail, suspender brackets, bikepath, counter weights, and vortex plates. Cable band locations are also modified to be consistent with the revised axial camber values. Shop drawings and design calculations were performed using projected values from the plan sheets and need to be revised using the actual axial camber values.

This change order resolves the costs associated with Contractor Request For Information (RFI) numbers 93, 266, 1376R0, 1376R1, and 1660 with respect to changes listed above.

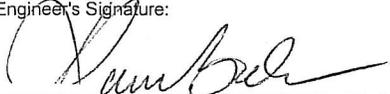
This change order fully resolves all costs associated with Contractor Request For Change Order (RFCO) number 38.

The cost for revising the design calculations and shop drawings has been included in Contract Change Order 95S0 (CCO 95S0) "Detailing for Various Changes," therefore the net payment for these costs in CCO 103 is zero. The total cost of this change order is \$79,790.00, 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 Peter Siegenthaler (Principal TE), Rick Morrow (Structures Rep.), Ken Terpstra (Project Manager), and Wenyi Long (Design Oversight). Maintenance concurrence is not required.

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CONCURRED BY:		ESTIMATE OF COST																			
Construction Engineer:	Struct Rep, Rick Morrow, Sup TE	Date	9/1/10																		
Bridge Engineer:	Brian Boal, Actg Sup. BE	Date	8/20/10																		
Project Engineer:	CT Oversight, Wenyi Long, P.E.	Date	9/1/10																		
Project Manager:	Proj Manager, Ken Terpstra	Date	9/2/10																		
FHWA Rep.:		Date																			
Environmental:		Date																			
Other (specify):	PCE, Pete Siegenthaler, Prin TE	Date	9/1/10																		
Other (specify):	Design of Record, Marwan Nader,	Date	4/3/09																		
District Prior Approval By:		Date																			
HQ (Issue Approve) By:		Date																			
Resident Engineer's Signature:		Date	9-22-10																		
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		<p align="center">FEDERAL PARTICIPATION</p> <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																			
		<p>FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)</p> <input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS																			
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