

**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#: 120	SUPPLEMENT#: 0	Category Code: CHPT	CONTINGENCY BALANCE (incl. this change): <b>\$102,467,636.51</b>	
COST: <b>\$763,356.07</b>		INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>	HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: <b>\$760,710.00</b>		IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
CCO DESCRIPTION: Hinge A Modifications		PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE		
Original Contract Time: <b>2490</b> Day(s)	Time Adj. This Change: <b>0</b> Day(s)	Previously Approved CCO Time Adjustments: <b>501</b> Day(s)	Percentage Time Adjusted: (including this change) <b>20</b> %	Total # of Unreconciled Deferred Time CCO(s): (including this change) <b>3</b>

**THIS CHANGE ORDER PROVIDES FOR:**

Modifying items of work at the Hinge A location to account for the as-built conditions on the Skyway structure, including but not limited to, seismic joint blockout plates, hinge pipe beam sleeves, restraint brackets, anchor rods, stiffener plates, welding details, threaded rods for the bearings, and shortening of the SAS. Adding provisions to level the seismic joint based on the as-built SAS/Skyway curb lines. Snug tightening the nuts after achieving the specified gap between the hinge pipe beams and the bearings. Updating the 3D wire frame model for Lift 14/Hinge A to conform to these changes. Transporting the State furnished bearings and components to ZPMC for shop assembly and trial fit in the pipe sleeves of Diaphragms A and B.

The as-built locations of the Hinge A pipe beams are different than indicated on the contract plan sheets, thereby reducing the erection clearances for the Orthotropic Box Girder (OBG) Lift 14. Modifications will have to be made to OBG Lift 14 to match the as-built conditions of the Skyway structure. Hinge A pipe beam components must be modified to align the pipe beams within the Skyway and SAS. The strongback system must be revised to correct lateral misalignment between the Skyway and the SAS structures. The restraint brackets are revised with slotted holes to provide the adjustability needed to achieve alignment tolerances.

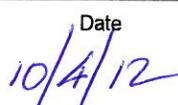
This change order resolves the costs associated with Contractor Request For Information (RFI) numbers 1771R0, 1771R1, 2041, 2188, 2698, TC-RFI-0041R0, TC-RFI-0076R0, TC-RFI-0076R1, TVC-RFI-0006R0, TVC-RFI-0008R0, and TVC-RFI-0143R0 with respect to changes listed above.

The total cost of this change order is \$763,356.00, which can be financed from supplemental funds. 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), Brian Boal (Supervising BE), 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:	Brian Boal, Sup BE	Date 8/4/10		THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 8/5/10	ITEMS	\$2,646.07	\$2,646.07
Project Engineer:	District Design, Jing Chen	Date 8/5/10	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:	Proj Manager, Ken Terpstra	Date 8/4/10	AGREED PRICE	\$0.00	\$0.00
FHWA Rep.:		Date	ADJUSTMENT	\$760,710.00	\$760,710.00
Environmental:		Date	TOTAL	\$763,356.07	\$763,356.07
Other (specify):	HQ, Rich Foley	Date 8/5/10	<b>FEDERAL PARTICIPATION</b>		
Other (specify):	Struct. Maint, Lina Ellis	Date 8/4/10	<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		
					
			_____		
			_____		