

CONTRACT CHANGE ORDER MEMORANDUM

TO: Tony Anziano, Program Manager /			FILE: E.A. 04 - 0120F4	
FROM: Kannu Balan, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
			FED. NO.	
CCO#: 44	SUPPLEMENT#: 0	Category Code: CKSA	CONTINGENCY BALANCE (incl. this change) \$145,034,281.58	
COST: \$1,388,826.00			INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: Barrier 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:

Modifying the steel barriers including:

- Revising the pipe connector for the barrier mounted sign support
- Modifying call boxes, pull boxes, utility panels, lighting panels, conduit supports and routing in the barriers
- Changing barrier connection types
- Revising deck drainage details
- Revising barrier and connection details
- Providing receptacle mounting detail
- Revising sign supports
- Providing cut out details for utility penetrations
- Modifying luminaire support boxes
- Modifying railings attached at call box locations on the barrier
- In lieu of caulk, providing seal welds at the barrier base plate

Revising Special Provisions Section 10-3.08 "SUPPORT HARDWARE FOR CONDUITS, CABLE TRAYS AND WIREWAYS," subsection "CONDUIT AND TRAY SUPPORTS."

Sign pipe connectors are modified due to interference with water piping. Conflicting plan sheets are resolved and missing details are provided. Conduit routing through the barrier is improved. Barrier connection types are modified to accommodate fabrication tolerances and edge distance issues. Barriers, deck drainage, and luminaire support boxes are revised to resolve interference and clearance issues. Barrier dimensions vary due to variable floorbeam spacing and bolt spacing is changed to clear welds. The barrier to flume bolted connection is revised for proper fit-up. Tensioning of the luminaire support anchor rods is revised due to the short length of the rods. Seal welds will provide better water resistance and protect against corrosion.

This change order resolves the costs associated with Contractor Request for Information (RFI) numbers 102, 103, 104R1, 157R0, 157R1, 202, 207, 217R2, 222, 242, 301, 302, 334R0, 334R1, 432R0, 464, 490, 530R0, 565R2, 565R3, 565R4, 611, 612, 613, 678R0, 678R1, 681, 743, 839, 897R0, 897R1, 933R0, 933R1, 1064, 1092R0, 1168, 1985R1, 2042, 2292, 2302, TC-RFI-0040R1, TC-RFI-0068R0, TC-RFI-0104R0, and TC-RFI-0130R0 with respect to changes listed above.

The amount of \$300,000.00 for changes prior to November 17, 2009, was paid in CCO 108S1 (Fabrication Recovery). The additional cost of this change order is \$1,388,826.00 for changes that occurred after November 17, 2009, which can be financed from the contingency fund. A detailed cost analysis is on file.

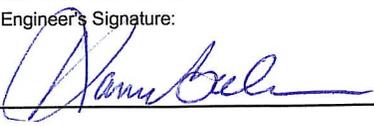
No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from Peter Siegenthaler (Principal TE), William Casey (Sup. TE), Rich Foley (HQ Oversight), Ken Terpstra (Project Manager), Wenyi Long (Bridge Design), Lina Ellis (Maintenance), and Jing Chen (District Design) August 30, 2011.

Toll Bridge Program Oversight Committee (TBPOC) approved CCOs 44 S0 and S1 on December 1, 2011, for a value of

CONTRACT CHANGE ORDER MEMORANDUM

\$1,413,028.

CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	PCE, Pete Siegenthaler, Prin TE	Date 8/31/11		THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	William Casey, Sup TE	Date 8/30/11	ITEMS	\$0.00	\$0.00
Project Engineer:	CT Oversight, Wenyi Long, P.E.	Date 8/24/11	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:	Proj Manager, Ken Terpstra	Date 9/1/11	AGREED PRICE	\$0.00	\$0.00
FHWA Rep.:		Date	ADJUSTMENT	\$1,388,826.00	\$1,388,826.00
Environmental:		Date	TOTAL	\$1,388,826.00	\$1,388,826.00
Other (specify):	HQ, Rich Foley	Date 8/30/11	FEDERAL PARTICIPATION		
Other (specify):	Struct. Maint, Lina Ellis	Date 8/25/11	<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, Ken Darby	Date 8/31/11	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	
			_____		

			12-6-11		