

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#: 213	SUPPLEMENT#: 0	Category Code: CHXX	CONTINGENCY BALANCE (incl. this change) \$107,481,483.58	
COST: \$3,006,616.00 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: ABF Fabrication QC Direct Cost			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:

Additional compensation for Quality Control (QC) efforts performed by American Bridge / Fluor Enterprises Inc., A Joint Venture (ABF) during fabrication at ZPMC in China, including extra work associated with the change control process needed to develop and establish the final designs, on Contract Change Orders 43, 44, 55, 73, 83, 85, 86, 93, 94, 98, 99, 118, 120, 159, 172, and 182.

Contract Change Order (CCO) 160, executed on September 22, 2010, resolved costs and time incurred for issues related to the development of shop drawings, impacts to East End OBG fabrication at ZPMC, and also includes acceleration of construction operations to mitigate delays. CCO 160 excluded payments for direct Quality Control efforts and all other direct costs for CCOs 43, 44, 55, 73, 83, 85, 86, 93, 94, 98, 99, 118, 120, and 159. Since CCOs 172 and 182 were initiated after CCO 160 was executed they are also not addressed or included in CCO 160.

The additional ABF direct QC costs were primarily expended in the January 2010 to December 2011 time period. Based on the original schedule, ABFJV would have completed QC associated with the fabrication work impacted by the above listed change orders prior to January 2010. Fabrication work, impacted by the change orders, was placed on standby or reduced production while extra change order work was under design development. Fabrication work resumed during the January 2010-December 2011 time period, although design changes were ongoing. Many trained and highly qualified QC personnel would have departed or been redirected to other ZPMC projects had the delays not been incurred. Re-staffing trained and qualified QC personnel after the delay period would have introduced additional schedule risk. Therefore, it was in the best interest of the project to retain the trained and highly qualified QC personnel during the delay periods even though this was an inefficient use of the personnel.

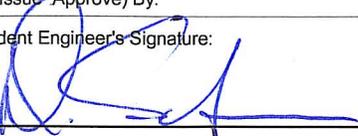
In the 2011 Q3 Risk Management Report a risk was established to address ABF's quality control efforts on change orders that were excluded or identified after CCO 160 was executed. The Risk was identified as "CCO-ID ABF-China". In the 2011 Q4 report the risk was re-quantified and the register has been carrying a range of \$600K to \$6.5M. The cost of this change is below the 50% probable risk value (\$3.55M).

For this work the Contractor will be paid the lump sum amount of \$3,006,616.00 for this change, which can be financed from the contingency fund. A detailed costs 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 William Casey (Supervising TE), Tony Anziano (Program Manager), and Rich Foley (HQ Oversight). Design and Maintenance concurrence are not required.

Toll Bridge Program Oversight Committee (TBPOC) approved this change order on June 6, 2012, for \$3,006,616.00.

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CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date 5/18/12		THIS REQUEST	TOTAL TO DATE
Bridge Engineer:		Date	ITEMS	\$0.00	\$0.00
Project Engineer:		Date	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:		Date	AGREED PRICE	\$3,006,616.00	\$3,006,616.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	TOTAL	\$3,006,616.00	\$3,006,616.00
Other (specify):	HQ, Rich Foley	Date 5/21/12	FEDERAL PARTICIPATION		
Other (specify):	TB Program Manager, Tony Anzian	Date 5/21/12	<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:		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 checked="" type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date 6/7/12	FEDERAL FUNDING SOURCE	PERCENT	