

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#: 163	SUPPLEMENT#: 0	Category Code: CHPC	CONTINGENCY BALANCE (incl. this change) \$145,500,147.58	
COST: \$1,611,305.00		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: MEP Integration Rev. & Upgrades to Syst		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 routing of already installed conduits for the bikepath railing lighting, belvedere lighting, and bikepath emergency call boxes on the North and South sides of the Skyway. Repairing paint and galvanizing on damaged areas. On the Skyway bikepath rail divider panels, as directed by the Engineer, turning on the lights and documenting which lights are non-operational, disconnecting the conduits and wiring, and removing and storing the light fixtures.

These revisions will enhance the architectural and visual of the bikepath. This was one of the Architectural Issues discussed by Clive Endress (Bridge Architect) at the February 7, 2011, Toll Bridge Program Management Team meeting, where it was recommended to be sent to TBPOC for approval after the change order package was complete. Toll Bridge Program Oversight Committee (TBPOC) approved this change order on May 5, 2011, for a value not to exceed amount of \$1.85M. Reducing and revising the conduit routing along the bikepath will give the conduit a uniform look as well as enhance maintenance along the length of the bikepath. This change order also provides for the necessary revisions and upgrades to the electrical systems that were installed under original design on the Skyway Contract to match the SAS Contract. Some of the Skyway bikepath lights are no longer working since they were not designed to be idle for such a long time. The Skyway lights are being removed and stored until the bridge is closer to completion and the lights are ready to be used.

The total cost of this change order is \$1,511,305.00 lump sum and \$100,000.00 estimated extra work at force account for a total of \$1,611,305.00 for this change, 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) November 22, 2010.

CONCURRED BY:		ESTIMATE OF COST																			
Construction Engineer:	PCE, Pete Siegenthaler, Prin TE	Date	11/11/10																		
Bridge Engineer:	William Casey, Sup TE	Date	3/18/11																		
Project Engineer:	CT Oversight, Wenyi Long, P.E.	Date	11/5/10																		
Project Manager:	Proj Manager, Ken Terpstra	Date	11/4/10																		
FHWA Rep.:		Date																			
Environmental:		Date																			
Other (specify):	HQ, Rich Foley	Date	11/4/10																		
Other (specify):	Struct. Maint, Lina Ellis	Date	11/5/10																		
District Prior Approval By:	HQ, Larry Salhaney	Date	5/25/11																		
HQ (Issue Approve) By:		Date																			
Resident Engineer's Signature:		Date	10-21-11																		
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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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