

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. No		
CCO#: 141	SUPPLEMENT#: 0	Category Code: CHSA	CONTINGENCY BALANCE (incl. this change) \$56,067,019.62	
COST: \$14,667.00		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: Overhead Sign Structure		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 overhead sign structure including revising mounting bracket and walkway support connection, adding drainage and vent holes, revising mast arm chord connections to allow field welding, enlarging base plate hole for electrical conduit, revising lighting fixtures to LED, revising mounting frame, and revising galvanizing and painting requirements.

Increase shift durations and weekend work, as necessary to maintain the Seismic Safety Opening (SSO) schedule, on overhead sign structure installation operations. Compensation is provided for the differential between straight time and overtime or double time for labor costs expended to install the overhead sign structure.

Revising Special Provisions Sections 10-1.65, "SIGN STRUCTURES" and 10-3.14 "LIGHTING."

Modifications will be made to fabrication and installation of the overhead sign structure due to lessons learned from the Skyway project. These changes were not included in the SAS contract since the Skyway sign structures were still in fabrication when the SAS contract was sent out for bid. To improve galvanization and to facilitate shipment of the large sign structure, the mast arm will be shipped to the galvanizer and then to the job site separate from the pole. The mast arm and pole will be field welded together at the job site. Field welding will be revised since access issues prevent some of the welds from being performed. In addition, drainage and vent holes will be added to the tube steel components of the sign structure to prevent blowout during galvanization. Light fixtures will be changed to LED. This change order will revise the mounting frame to be compatible with the overhead sign panel that was revised in Contract Change Order 304 "Sign Panel." The sign structure will be painted white to match the rest of the bridge.

This change order mitigates the impacts to Contract Change Order (CCO) 160 "East End Delay Impacts" readiness for "Seismic Safety Opening" (SSO) date of August 28, 2013, resulting from the delayed installation of the overhead sign due to the changes listed above by providing compensation for increased shift durations and weekend work to install the overhead sign within the Contractor's planned SSO schedule duration. A time impact analysis is on file.

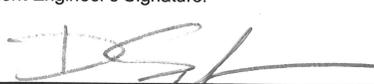
This change order resolves the costs associated with Contractor Request for Information (RFI) numbers 2845R0, 2845R1, 3279, and 3357 with respect to changes listed above.

The total cost of this change order is \$14,667.00 lump sum, 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 William Casey (Supervising TE), Ken Terpstra (Proj. Manager), Rich Foley (HQ Oversight), Wenyi Long (Bridge Design), Lina Ellis (Maintenance), and Jing Chen (District Design).

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CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date	9/3/13	THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date	10/25/10	ITEMS	\$0.00
Project Engineer:	District Design, Jing Chen	Date	3/14/11	FORCE ACCOUNT	\$0.00
Project Manager:	Proj Manager, Ken Terpstra	Date	10/12/10	AGREED PRICE	\$0.00
FHWA Rep.:		Date		ADJUSTMENT	\$14,667.00
Environmental:		Date		TOTAL	\$14,667.00
Other (specify):	HQ, Rich Foley	Date	7/27/10	FEDERAL PARTICIPATION	
Other (specify):	Struct. Maint, Lina Ellis	Date	3/15/11	<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, Larry Salhaney	Date	6/23/10	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type) <input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS	
HQ (Issue Approve) By:		Date		FEDERAL FUNDING SOURCE	PERCENT
Resident Engineer's Signature:		Date	9/4/13	_____	_____
				_____	_____