

CONTRACT CHANGE ORDER MEMORANDUM

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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#: 200	SUPPLEMENT#: 1	Category Code: CHPT	CONTINGENCY BALANCE (incl. this change): \$101,549,643.51
COST: \$164,628.00	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: Suspender Protection at PP 98		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:

Fabricating and installing suspender protection for Panel Point (PP) 98.

Under the direction of the Department, a Cable Engineering Risk Management (CERM) team was formed in July 2008 to identify risks associated with the cable engineering of the SAS with particular focus on how to mitigate such risks that may impact the schedule. The CERM team identified the following risk: The design of the SAS provided for the required 5.1 m traffic vertical clearance between the roadway barriers, however the SAS main cable geometry depends on the weight of the Orthotropic Box Girder (OBG) and the suspender loads. Current estimates by the Contractor indicate that the OBG weight has increased by 3% and may reach up to 6%. Analysis indicates that this weight increase may result in a cable encroachment into the 5.1 m vertical clearance by (50 to 100 mm) horizontally and (250 to 600 mm) vertically at PP 98. This change order will protect the suspender from possible vehicle impacts.

This change order resolves the costs associated with Contractor Request for Information (RFI) numbers 2742, 2745, 2947R0, 2947R1, and 3075 with respect to changes listed above.

The total cost of this change order is \$164,628.00 lump sum, which can be financed from the contingency fund. A detailed cost analysis is on file. The cumulative total of CCO 200 S0 and S1 is \$236,740.00

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 (Project Manager), Rich Foley (HQ Oversight), Wenyi Long (Bridge Design), Lina Ellis (Maintenance), and Jing Chen (District Design).

CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date	6/1/12	THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date	10/5/11	ITEMS	\$0.00
Project Engineer:	District Design, Jing Chen	Date	10/5/11	FORCE ACCOUNT	\$0.00
Project Manager:	Proj Manager, Ken Terpstra	Date	6/28/12	AGREED PRICE	\$164,628.00
FHWA Rep.:		Date		ADJUSTMENT	\$0.00
Environmental:		Date		TOTAL	\$164,628.00
Other (specify):	Struct. Maint, Lina Ellis	Date	10/5/11	FEDERAL PARTICIPATION	
Other (specify):	HQ, Rich Foley	Date	6/4/12	<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:	HQ, Sey Hossnieh	Date	8/2/12	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
					