

**CONTRACT CHANGE ORDER MEMORANDUM**

TO: Tony Anziano, Program Manager /			FILE: <b>E.A.</b> 04 - 0120F4
FROM: Darryl Schram, Senior TE			<b>CO-RTE-PM</b> SF-80-13.2/13.9
CCO#: <b>130</b>	SUPPLEMENT#: <b>0</b>	Category Code: <b>CHSA</b>	<b>FED. NO.</b>
COST: <b>\$93,652.00</b> INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			CONTINGENCY BALANCE (incl. this change) <b>\$114,828,975.58</b>
SUPPLEMENTAL FUNDS PROVIDED: <b>\$0.00</b>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>CCO DESCRIPTION:</b> Dehumidifier SCADA Interface			<b>PROJECT DESCRIPTION:</b> CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE
Original Contract Time: <b>2490</b> Day(s)	Time Adj. This Change: <b>0</b> Day(s)	Previously Approved CCO Time Adjustments: <b>501</b> Day(s)	Percentage Time Adjusted: (including this change) <b>20</b> %
			Total # of Unreconciled Deferred Time CCO(s): (including this change) <b>3</b>

**THIS CHANGE ORDER PROVIDES FOR:**

Modifying the dehumidifier SCADA interface.

Revising Special Provisions Section 10-4.06 "DEHUMIDIFIER SYSTEM," subsection "MATERIALS," subsection "Electrical Control Cabinet."

The standard dehumidifier unit detailed for the Tower Head did not have the capacity to perform the remote measurements at a distance required by the designers. A switch and wiring are added on the HC-300 system to allow for a constant fan or cyclic operation. One HC-600 unit on the East End is modified to allow for mirror image flow. A SCADA interface is added to the Tower Head dehumidifier unit to make it compatible with the capacities of the other three dehumidification systems on the Bridge.

This change order resolves the costs associated with Contractor Request for Information (RFI) numbers 1471 and 1848 with respect to changes listed above.

The total cost of this change order is \$93,652.00, 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 (Project Manager), Rich Foley (HQ Oversight), Wenyi Long (Bridge Design), Lina Ellis (Maintenance), and Jing Chen (District Design).

<b>CONCURRED BY:</b>			<b>ESTIMATE OF COST</b>		
Construction Engineer:	William Casey, Sup TE	Date	4/18/12	THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	District Design, Jing Chen	Date	3/14/11	ITEMS	\$0.00
Project Engineer:	CT Oversight, Wenyi Long, P.E.	Date	8/27/10	FORCE ACCOUNT	\$0.00
Project Manager:	Proj Manager, Ken Terpstra	Date	8/2/10	AGREED PRICE	\$0.00
FHWA Rep.:		Date		ADJUSTMENT	\$93,652.00
Environmental:		Date		<b>TOTAL</b>	<b>\$93,652.00</b>
Other (specify):	Struct. Maint, Lina Ellis	Date	8/31/10	<b>FEDERAL PARTICIPATION</b>	
Other (specify):	HQ, Rich Foley	Date	7/27/10	<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	6/24/10	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
			4/24/12		