

**CONTRACT CHANGE ORDER MEMORANDUM**

TO: Pete Siegenthaler, Prin TE /			FILE: <b>E.A.</b> 04 - 0120F4	
FROM: Kannu Balan, Senior TE			<b>CO-RTE-PM</b> SF-80-13.2/13.9	
CCO#: <b>164</b> SUPPLEMENT#: <b>0</b> Category Code: <b>BZZZ</b>			FED. NO.	
COST: <b>\$400,000.00</b> INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			CONTINGENCY BALANCE (incl. this change) <b>\$0.00</b>	
SUPPLEMENTAL FUNDS PROVIDED: <b>\$0.00</b>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>CCO DESCRIPTION:</b> ESAB Weld Wire			<b>PROJECT DESCRIPTION:</b> CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time:	Time Adj. This Change:	Previously Approved CCO Time Adjustments:	Percentage Time Adjusted: (including this change)	Total # of Unreconciled Deferred Time CCO(s): (including this change)
<b>2490</b> Day(s)	<b>0</b> Day(s)	<b>227</b> Day(s)	<b>9 %</b>	<b>6</b>

**THIS CHANGE ORDER PROVIDES FOR:**

Procuring ESAB weld wire and consumable gasses (Argon & CO2) for use in the East End Orthotropic Box Girder fabrication, as directed by the Engineer.

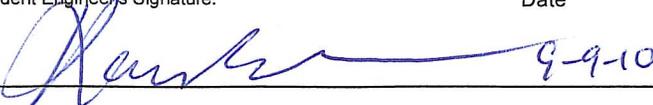
Welding experts consulted by the Contractor and the Department recommended the use of ESAB weld wire to provide more consistent welds and therefore reduce the likelihood of repair. The Department strongly supports the use of this wire as a way to mitigate future time delays. The Department will pay for the wire and consumable gases, and the Contractor will absorb the cost for implementing new welding procedures and inefficiencies.

The use of this wire was presented to the TBPOC in the April 2010 meeting as one of twelve (12) action items that could be implemented to expedite production of the East End OBG's. This list was consented upon in principal and several change orders have been issued to date to implement these items. It is anticipated that the total cost will be less than \$1M and therefore does not require a formal approval from TBPOC.

This work will be paid as extra work at force account and the Department estimates it to total \$400,000.00, which can be financed from the contingency fund.

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), Rich Foley (HQ Oversight), Ken Terpstra (Project Manager), Wenyi Long (Design Oversight), and Sang Le (METS). Maintenance concurrence is not required for this change.

CONCURRED BY:			ESTIMATE OF COST			
Construction Engineer:		Date	THIS REQUEST		TOTAL TO DATE	
Bridge Engineer:	Struct Rep., Bill Casey, Sup. BE	Date 9/9/10	ITEMS	\$0.00	\$0.00	
Project Engineer:	CT Oversight, Wenyi Long, P.E.	Date 9/9/10	FORCE ACCOUNT	\$400,000.00	\$400,000.00	
Project Manager:	Proj Manager, Ken Terpstra	Date 9/9/10	AGREED PRICE	\$0.00	\$0.00	
FHWA Rep.:	HQ, Rich Foley	Date 8/31/10	ADJUSTMENT	\$0.00	\$0.00	
Environmental:		Date	<b>TOTAL</b>	<b>\$400,000.00</b>	<b>\$400,000.00</b>	
Other (specify):	PCE, Pete Siegenthaler, Prin TE	Date 9/9/10	<b>FEDERAL PARTICIPATION</b>			
Other (specify):	METS, Sang Le	Date 9/9/10	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input 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:	HQ, Larry Salhaney	Date 9/9/10	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS			
Resident Engineer's Signature:		Date	FEDERAL FUNDING SOURCE		PERCENT	
			_____			
			_____			
			_____			