

**CONTRACT CHANGE ORDER MEMORANDUM**

TO: Pete Siegenthaler, Prin TE / Gary Pursell, Sup. TE			FILE: E.A. 04 - 0120F4	
FROM: Gary Pursell, Sup. TE			CO-RTE-PM SF-80-13.2/13.9	
FED. NO.				
CCO#: 127	SUPPLEMENT#: 0	Category Code: CHPT	CONTINGENCY BALANCE (incl. this change) <b>\$12,652,488.40</b>	
COST: <b>\$4,168,112.00</b> INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: <b>\$0.00</b>			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: OBG Mockups			PROJECT DESCRIPTION: 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>227</b> Day(s)	Percentage Time Adjusted: (including this change) <b>9</b> %	Total # of Unreconciled Deferred Time CCO(s): (including this change) <b>6</b>

**THIS CHANGE ORDER PROVIDES FOR:**

The Contractor to provide engineering, detailing, and technical support necessary to develop constructability models identified in this change order for OBG Lifts 13 and 14 (The East End OBG). In addition, the contractor is to provide an Inspection Testing Plan (ITP) and specialized fabrication procedures, not otherwise required by the Special Provisions, which will establish fabrication tolerances and methods to measure tolerances. Also this change order provides for the contractor to fabricate constructability models for portions of the East End OBG to demonstrate fabrication procedures and welding sequencing, verify access, and demonstrate the proposed inspection testing plan for welds

The East End OBG, with its very complex geometry and structural elements, presented many challenges and issues to be resolved during the development and detailing of shop drawings. Consequently the delivery and approval of the East End OBG shop drawing has been delayed approximately one year. The delays and complexity of the East End OBG fabrication pose a risk to the scheduled delivery of the East End OBG segments.

In order to reduce risk of further delays the department requests the contractor to develop and fabricate contractibility models as described in this change order to identify fabrication issues early on. Based on the lessons learned from the constructability models, the contractor will revise fabrication procedures, DCP/DVP, ITP and other related fabrication submittals as provided in the Special Provision. The Department believes implementing these measures will reduce the risk associated with the East End OBG fabrication. While maintaining or improving the overall project schedule the additional work will not impact the critical path of the project as agreed upon by the Contractor and the Department.

The Toll Bridge Program Oversight Committee (TBPOC), at their March 4, 2010, monthly meeting, approved several delay mitigation measures and the East End OBG Models as described in this change order is one of the items that was approved by the TBPOC.

This change is estimated to total (Not to Exceed) \$4,168,112.00, which can be financed from the contingency fund. A detailed cost estimate is on file.

This change order has concurrence from Gary Pursell (Resident Engineer), Ken Terpstra (Project Manager), Rich Foley (HQ Liaison), and Pete Siegenthaler (Principal Engineer).

Maintenance concurrence is not required for this change.

No adjustment of contract time is warranted, as this change does not affect the controlling operation.

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<b>CONCURRED BY:</b>		<b>ESTIMATE OF COST</b>		
Construction Engineer: Res. Eng., Gary Pursell, Sup. TE	Date		THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	Date	ITEMS	\$0.00	\$0.00
Project Engineer:	Date	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager: Proj Manager, Ken Terpstra	Date	AGREED PRICE	\$4,168,112.00	\$4,168,112.00
FHWA Rep.:	Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:	Date	<b>TOTAL</b>	<b>\$4,168,112.00</b>	<b>\$4,168,112.00</b>
Other (specify): HQ, Rich Foley	Date	<b>FEDERAL PARTICIPATION</b>		
Other (specify): PCE, Pete Siegenthaler, Prin TE	Date	<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:	Date	<b>FEDERAL SEGREGATION</b> (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: HQ, Larry Salhaney	Date	<b>FEDERAL FUNDING SOURCE</b> <b>PERCENT</b> _____ _____ _____		
Resident Engineer's Signature:	Date			