

CONTRACT CHANGE ORDER MEMORANDUM

TO: Pete Siegenthaler, Prin. TE / Gary Pursell, P.E., Sup T.E.			FILE: E.A. 04 - 0120F4	
FROM: Gary Pursell, P.E., Sup.T.E.			CO-RTE-PM SF-80-13.2/13.9	
FED. NO.				
CCO#: 15	SUPPLEMENT#: 0	Category Code: CHPT	CONTINGENCY BALANCE (incl. this change) \$140,497,037.24	
COST: \$230,285.00 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: W2 - Hinge K and Saddle Modifications			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: 30 Day(s)	Percentage Time Adjusted: (including this change) 1 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 0

THIS CHANGE ORDER PROVIDES FOR:

Allowing the construction of the W2 Cap Beam before the placement of the Hinge K Pipe Beam Assembly by performing the following work:

1. Remove shear studs and shear pipe from the 100-mm Pipe Beam base plates and replace with a 5-mm amplitude roughened bearing face plate and a roughened surface for the Cap Beam concrete that is in contact with the grout.
2. Provide a 65-mm grout pad between the Pipe Beam base plates and the west face of the W2 Cap Beam.
3. Replace the embedded ducts (for the HS Bar 75-mm) with an approved bond breaking system on the HS bars.
4. Install the Hinge K Pipe Beam assemblies in Stage 5 after load transfer.
5. Provide support frame, templates and extra nuts to fully support the 75-mm HS Macalloy bars in the W2 Cap Beam.

The installation of the Hinge K Pipe Beam Assembly is a near-critical path activity. By allowing the construction of the W2 Cap Beam before the placement of the Hinge K pipe beams the potential of this becoming a critical activity diminishes. This change reduces the risk that a fabrication delay of the pipe beams could impact the critical path. Restaging the pipe beam installation also reduces the Department's risk significantly in regards to the connection to the YBI transition structure. During the construction of the W2 Cap Beam there is a potential for differential settlement and misalignment of the pipe beams after the concrete pour and post-tensioning procedures. Installing the pipe beams after concrete placement and post-tensioning at the W2 Cap Beam helps assure that the pipe beams will be installed in their correct position and align properly with the YBI transition structure.

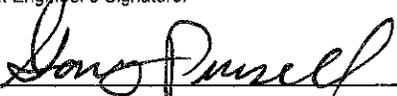
This work shall be performed at Adjustment of Compensation at Lump Sum for a cost of \$230,285.00, which can be financed from the contingency fund. A detailed account of the costs shall be placed in the project files.

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

This change order received concurrence from the Designer or Record, Design Oversight, Maintenance, the Resident Engineer, Structure Representative and the Principal Engineer on the project.

This change order received an Issue and Approve from the Division of Construction on Dec. 11, 2007. A copy is attached for your reference.

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CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	Res. Eng., Gary Pursell, Sup. TE	Date 2/8/07		THIS REQUEST	TOTAL TO DATE
Bridge Engineer:	Struct Rep, Rick Morrow, Sup TE	Date 2/7/07	ITEMS	\$0.00	\$0.00
Project Engineer:	Design of Record, Marwan Nader,	Date 3/16/07	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:	Proj Manager, Ken Terpstra	Date 3/15/07	AGREED PRICE	\$0.00	\$0.00
FHWA Rep.:	HQ, Rob Kobal	Date 2/9/07	ADJUSTMENT	\$230,285.00	\$230,285.00
Environmental:	PCE, Pete Siegenthaler, Prin TE	Date 2/9/07	TOTAL	\$230,285.00	\$230,285.00
Other (specify):	CT Oversight, Reza Valizadeh, P.E	Date 4/4/07	FEDERAL PARTICIPATION		
Other (specify):	Struct Maint, Bill Zanetich, P.E.	Date 4/4/07	<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	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue/Approve) By:	HQ, Ken Darby	Date 12/11/07	<input checked="" type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date	FEDERAL FUNDING SOURCE PERCENT _____ _____		
					
Date 1/9/2008					