

**CONTRACT CHANGE ORDER MEMORANDUM**

|  |   |   |   |   |
|--|---|---|---|---|
| TO: Pete Siegenthaler, Prin TE /                 |   | FILE: E.A. 04 - 0120F4  |   |   |
| FROM: Kannu Balan, Senior TE                     |   | CO-RTE-PM SF-80-13.2/13.9   |   |   |
| CCO#: 135  |   | SUPPLEMENT#: 0  | Category Code: CHPT   | CONTINGENCY BALANCE (incl. this change) <b>\$10,060,000.00</b>                                      |
| COST: \$64,069.00                                |   | INCREASE <input checked="" type="checkbox"/>  | DECREASE <input type="checkbox"/>                                   | HEADQUARTERS APPROVAL REQUIRED? <input type="checkbox"/> YES <input checked="" 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:<br>T1ET Tieback Offset Analysis |   | PROJECT DESCRIPTION:<br>CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE   |   |   |
| Original Contract Time:<br><b>2490</b> Day(s)    | Time Adj. This Change:<br><b>0</b> Day(s) | Previously Approved CCO Time Adjustments:<br><b>501</b> Day(s)  | Percentage Time Adjusted:<br>(including this change)<br><b>20</b> % | Total # of Unreconciled Deferred Time CCO(s): (including this change)<br><b>4</b>                   |

**THIS CHANGE ORDER PROVIDES FOR:**

Performing an additional tower tieback analysis to decouple the T1 Erection Tower from the T1 Tower, as directed by the Engineer.

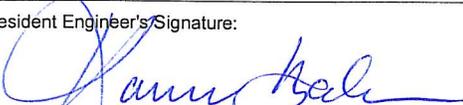
The original analysis was performed with the Erection Tower connected to the T1 Bridge Tower. In CCO 87 the Engineer directed the addition of counterweight to the Orthotropic Box Girder (OBG). The added counterweight required additional tieback of the bridge tower. The additional offset is beyond the capacity of the Erection Tower, which is attached to the Bridge Tower. Therefore the tower tieback must be reanalyzed without the attached Erection Tower.

This change order fully resolves the costs associated with Contractor Request For Change Order (RFCO) number 74.

For this change, the Contractor will be paid for the extra work at the agreed upon lump sum of \$64,069.00, 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 Gary Pursell (Resident Engineer), Rick Morrow (Structure Rep.), Peter Siegenthaler (Principal TE), Ken Terpstra (Project Manager), and Wenyi Long (Design Oversight).

|  |              |   |                    |
|--|--------------|---|--------------------|
| <b>CONCURRED BY:</b>   |              | <b>ESTIMATE OF COST</b>   |                    |
| Construction Engineer: Res. Eng., Gary Pursell, Sup. TE                            | Date 8/17/10 | THIS REQUEST  | TOTAL TO DATE      |
| Bridge Engineer: Struct Rep, Rick Morrow, Sup TE                                   | Date 8/9/10  | ITEMS   | \$0.00             |
| Project Engineer: CT Oversight, Wenyi Long, P.E.                                   | Date 8/11/10 | FORCE ACCOUNT   | \$0.00             |
| Project Manager: Proj Manager, Ken Terpstra  | Date 8/10/10 | AGREED PRICE  | \$64,069.00        |
| FHWA Rep.:   | Date         | ADJUSTMENT  | \$0.00             |
| Environmental:   | Date         | <b>TOTAL</b>  | <b>\$64,069.00</b> |
| Other (specify): PCE, Pete Siegenthaler, Prin TE                                   | Date 8/10/10 | <b>FEDERAL PARTICIPATION</b>  |                    |
| Other (specify):   | Date         | <input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE<br><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:   | Date         | <input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS   |                    |
| Resident Engineer's Signature:   | Date         | FEDERAL FUNDING SOURCE  | PERCENT            |
|  | 10-7-10      | _____   | _____              |
|  |              | _____   | _____              |