

**CONTRACT CHANGE ORDER MEMORANDUM**

|   |   |  |   |
|---|---|--|---|
| TO: Tony Anziano, Program Manager /   |   |  | 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>44</b> SUPPLEMENT#: <b>1</b> Category Code: <b>CKSA</b>  |   |  | <b>FED. NO.</b>   |
| COST: <b>\$24,202.00</b> INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/> |   |  | CONTINGENCY BALANCE (incl. this change) <b>\$145,010,079.58</b>   |
| SUPPLEMENTAL FUNDS PROVIDED: <b>\$0.00</b>  |   |  | HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO                             |
| <b>CCO DESCRIPTION:</b><br>West End Barrier Conduit   |   |  | IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| <b>PROJECT DESCRIPTION:</b><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: (including this change)<br><b>20</b> %  |
|   |   |  | Total # of Unreconciled Deferred Time CCO(s): (including this change)<br><b>3</b>   |

**THIS CHANGE ORDER PROVIDES FOR:**

Modifying the West End barrier by extending and stubbing out conduits and installing pull boxes in the concrete barrier to the contract limits at Hinge K, changing the RGS conduit with PVC coated rigid conduit at the transition of the metal barrier to the concrete barrier, and adding a new call box mounting attachment on the barrier at Station Number 58+70 Eastbound South for an equipment mounting pole.

These changes will facilitate future extension and use of power and communication circuitry between Yerba Buena Island and the new Bay Bridge. Changing to PVC coated conduit will extend the life of the conduit and protect it from possible moisture and water intrusion at the transition area.

The total cost of this change order is \$24,202.00, which can be financed from the contingency fund. A detailed cost analysis is on file. The cumulative total of CCO 44S0 and 44S1 is \$1,413,028.00.

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), Ken Terpstra (Project Manager), Rich Foley (HQ Oversight), Wenyi Long (Bridge Design), Lina Ellis (Maintenance), and Jing Chen (District Design).

Toll Bridge Program Oversight Committee (TBPOC) approved CCOs 44 S0 and S1 on December 1, 2011, for a value of \$1,413,028.

|   |      |         |   |                    |                       |
|---|------|---------|---|--------------------|-----------------------|
| <b>CONCURRED BY:</b>  |      |         | <b>ESTIMATE OF COST</b>   |                    |                       |
| Construction Engineer: PCE, Pete Siegenthaler, Prin TE                              | Date | 9/29/10 | THIS REQUEST  |                    | TOTAL TO DATE         |
| Bridge Engineer: CT Oversight, Wenyi Long, P.E.                                     | Date | 10/7/10 | ITEMS   | \$0.00             | \$0.00                |
| Project Engineer: District Design, Jing Chen  | Date | 4/6/11  | FORCE ACCOUNT   | \$0.00             | \$0.00                |
| Project Manager: Proj Manager, Ken Terpstra   | Date | 9/10/11 | AGREED PRICE  | \$0.00             | \$0.00                |
| FHWA Rep.:  | Date |         | ADJUSTMENT  | \$24,202.00        | \$1,413,028.00        |
| Environmental:  | Date |         | <b>TOTAL</b>  | <b>\$24,202.00</b> | <b>\$1,413,028.00</b> |
| Other (specify): Struct. Maint, Lina Ellis  | Date | 8/25/11 | <b>FEDERAL PARTICIPATION</b>  |                    |                       |
| Other (specify): HQ, Rich Foley   | Date | 8/23/11 | <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   |                    |                       |
|  |      | 12-6-11 |   |                    |                       |