

## NON-CONFORMANCE REPORT

23

**Location of Mat'l/Item:** E2W footing, Pile 1, Plate B, Weld 4**Title/Description:** Loss of Preheat**Group:** E2 Foundations**Superintendent:** Joel D. Dodd**Foreman:** Scott McCoy**Report of Condition/Cause of Non-Conformance:**

There was a reported loss of preheat 1 hour before start of shift on Monday morning 5/14/07, crew foreman was notified of the issue. It was found that there had been a burnt camlock connection to the 3/0 cable causing the heater blankets to loose heat. It was found that the preheat dropped to 170 degree Fahrenheit on the weld that was 95% complete requiring only cap passes to complete.

**Recommended Corrective Action:**

A new 3/0 cable was run to from the heater, while the burnt cable was repaired. The preheat temperature was brought back up to specification and the weld was MT'd and documented. Caltrans was notified of the heat loss and the okay to complete the weld was given by QA. Caltrans was also notified that KFM would write a NCR.

**Originator Signature:****Date:****Superintendent Signature:****Date:***Joel D. Dodd*

5/16/07

*Joel D. Dodd*

5/16/07

**Designer Comments on Corrective Action:****Corrective Actions Verified Complete and Inspected:****Reference Documents:****Date Closed:****Signature:**

**DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge Program**

333 Burma Rd.  
Oakland, CA 94607  
(510) 286-0538, (510) 286-0550 fax



Kiewit-FCI-Manson, JV  
220 Burma Rd.  
Oakland, CA 94607

August 17, 2007

Attn: Mr. Dan Proctor  
Construction Manager

Contract No. 04-0120E4  
04-SF-80-13.4, 13.8  
SAS T1 & E2 Foundations  
SFOBB-ESSSP

Letter No. 05.003.01-003371

Subject: Response to Submittal No. 1520, Revision No. 00 (KFM NCR 23), Submittal No. 1529, Revision No. 00 (KFM NCR 33), Submittal No. 1530, Revision No. 00 (KFM NCR 34), and Submittal No. 1530, Revision No. 01 (KFM NCR 34R1 - Revised Plate Designation)

Dear Dan,

The Department has reviewed Kiewit-FCI-Manson (KFM) Submittal No. 1520, Revision No. 00, Submittal No. 1529, Revision No. 00, and Submittal No. 1530, Revision Nos. 00 and 01, which notified the Department of the Contractor's Non-conformance Report (NCR) Nos. 23, 33, 34, and 34R1 respectively. These NCRs were issued for loss of preheat during welding operations at Pier T1 and Pier E2. The Department understands that Submittal No. 1530, Revision No. 01, supersedes Submittal No. 1530, Revision No. 00. Therefore, Submittal No. 1530, Revision No. 00, for NCR No. 34 is considered closed. Regarding NCR Nos. 23, 33, and 34R1, the Department has already documented and notified the Contractor of NCRs for these losses of preheat in the Department's Letter Nos. 3189 and 3367. Please respond to the Department's Letter Nos. 3189 and 3367.

The Department shall consider Submittal No. 1520, Revision No. 00, Submittal No. 1529, Revision No. 00, and Submittal No. 1530, Revision No. 01, to be closed.

If you have any questions or need additional information, please contact Mark Vilcheck at (510) 286-0526.

Sincerely,

Mark Vilcheck  
Structure Representative

For: Pedro J. Sanchez  
Resident Engineer

cc: P. Sanchez  
M. Woods  
R. Smith

file: 05.003.01, 09.006.03, 55.1520, 55.1529, 55.1530