

NON-CONFORMANCE REPORT	29
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Location of Mat'l/Item: T1 Footing Pile 6, Plate E, Weld 4
Title/Description: Reduction in Preheat
Group: E2 Foundations
Superintendent: D. Winter
Foreman: McCoy

<p>Report of Condition/Cause of Non-Conformance: On 7/18/07, around 0620 it was found that 124Cm down from the top of 6E4 200mm in length of the weld zone had dropped to 225F. It had previously been checked by the foreman and found to be above 400F. At that time he turned the set point for the heaters down to 295F. Also the bottom 100mm of 6E4 had a reduction in heat, it melted a 200F temp stick but did not melt a 225F temp stick. There were two Allegro blowers blowing into pile 6 and we believe this is the probable cause of the heat loss.</p>
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<p>Recommended Corrective Action: The plate temperature was immediately brought back to within specifications manually, Caltrans was notified of the corrective measures taken and that KFM would issue an NCR. After approval the welds were MT'd and welding was continued.</p>
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<table style="width: 100%;"> <tr> <td style="padding: 2px;">Originator Signature: Dennis Winter</td> <td style="padding: 2px;">Date: 7/18/2007</td> </tr> </table>	Originator Signature: Dennis Winter	Date: 7/18/2007	<table style="width: 100%;"> <tr> <td style="padding: 2px;">Superintendent Signature: Dennis Winter</td> <td style="padding: 2px;">Date: 7/18/2007</td> </tr> </table> <div style="text-align: right; padding-top: 10px;">  </div>	Superintendent Signature: Dennis Winter	Date: 7/18/2007
Originator Signature: Dennis Winter	Date: 7/18/2007				
Superintendent Signature: Dennis Winter	Date: 7/18/2007				

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 3, 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. 05.003.01-003361

Subject: Response to Submittal No. 1514, Revision No. 00 (KFM NCR 25 Loss of Preheat),
Submittal No. 1515, Revision No. 00 (KFM NCR 28 Loss of Preheat) and
Submittal No. 1516, Revision No. 00 (KFM NCR 29 Reduction in Preheat)

Dear Lee,

The Department has reviewed Kiewit-FCI-Manson (KFM) Submittals No. 1514, Revision No. 00, No. 1515, Revision No. 00, and No. 1516, Revision No. 00, all dated July 23, 2007, which notified the Department of the Contractor's Non-conformance Report (NCR) Nos. 25, 28, and 29. These NCRs were issued for loss of preheat during welding operations at Pier T1. Regarding these NCRs, the Department has already documented and notified the Contractor of NCRs for these losses of preheat in the Department's Letter No. 3234, dated June 25, 2007, and Nos. 3359, and 3360, dated August 3, 2007. Please respond to the Department's Letters No. 3234, 3359, and 3360.

The Department shall consider Submittals No. 1514, No. 1515, and No. 1516 to be closed.

If you have any questions or need additional information, please contact Rafael Bolon at (510) 286-0308.

Sincerely,

Rafael Bolon
District Representative

For: Pedro J. Sanchez
Resident Engineer

cc: P. Sanchez
M. Woods
M. Vilcheck
R. Smith

file: 05.003.01, 09.006.03, 55.1514, 55.1515, 55.1516