

<b>NON-CONFORMANCE REPORT</b>	<b>31</b>
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<b>Location of Mat'/Item:</b> T1 Footing Pile 6, Plate H, Weld 4
<b>Title/Description:</b> Reduction in Preheat
<b>Group:</b> E2 Foundations
<b>Superintendent:</b> D. Winter
<b>Foreman:</b> McCoy

<b>Report of Condition/Cause of Non-Conformance:</b>
At 1230 QA notified QC that the bottom 24" of 6H4 preheat had dropped below 200F. All electrical leads and blankets were functioning properly. It was discovered that slag had dropped onto the blanket and prevented proper resistance transfer.

<b>Recommended Corrective Action:</b>
The slag was removed that created the problem and the plate was immediately bought 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.

<b>Originator Signature:</b> Dennis Winter	<b>Date:</b> 7/19/2007	<b>Superintendent Signature:</b> Scott Thompson 	<b>Date:</b> 7/19/2007
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<b>Designer Comments on Corrective Action:</b>

<b>Corrective Actions Verified Complete and Inspected:</b>

<b>Reference Documents:</b>
<b>Date Closed:</b>
<b>Signature:</b>

**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 6, 2007

Attn: Mr. Terry Hipes  
Welding Quality Control Manager

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

Letter No. 05.003.01-003366

Subject: Response to Submittals No. 1517, Revision No. 00 (KFM NCR 30 Reduction in Preheat),  
No. 1518, Revision No. 00 (KFM NCR 31 Reduction in Preheat), and No. 1519, Revision No. 00 (KFM  
NCR 32 Reduction in Preheat)

Dear Terry,

The Department has reviewed Kiewit-FCI-Manson Submittals No. 1517, Revision No. 00, No. 1518, Revision No. 00, and No. 1519, Revision No. 00, all dated July 23, 2007, which notified the Department of the Contractor's Non-conformance Report (NCR) Nos. 30, 31, and 32 respectively. 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 Nos. 3364, 3363, and 3365, dated August 3, 2007. Please respond to the Department's Letters No. 3364, 3363, and 3365.

The Department shall consider Submittals No. 1517, No. 1518, and No. 1519 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, 55.1517, 55.1518, 55.1519