

<b>NON-CONFORMANCE REPORT</b>	<b>37</b>
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<b>Location of Mat'l/Item:</b> T1 Pile 10, Plate D, Weld 1 & 2
<b>Title/Description:</b> Reduction in preheat
<b>Group:</b> T1 Foundations
<b>Superintendent:</b> Joel Dodd
<b>Foreman:</b> Jim Belcher

**Report of Condition/Cause of Non-Conformance:** On Monday 8/13/07, at 18:00:00 there was a noticed reduction of preheat on the bottom on pile 10, plate D, weld 2. Weld 1 had a root pass and cover pass welded while weld 2 had a root pass and cover passes. Upon checking the preheat at the start of shift it was found that the bottom of the weld was just below 250 degree Fahrenheit. It was discovered that the bottom blanket had burn out. The weld was manually heated up to specification while the blanket was replaced.

**Recommended Corrective Action:**  
 The QA was notified about the reduction of preheat, the weld was manually heated while the bottom heater blanket was replaced. The weld were MT inspected and welding continued after okay from QA.

<b>Originator Signature:</b> <i>Joel D. Dodd</i> <b>Date:</b> 8/15/07	<b>Superintendent Signature:</b> <i>Joel D. Dodd</i> <b>Date:</b> 8/15/07
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**Designer Comments on Corrective Action:**

**Corrective Actions Verified Complete and Inspected:**

**Reference Documents:**

**Date Closed:**

**Signature:**

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

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Oakland, CA 94607  
(510) 286-0538, (510) 286-0550 fax



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

September 12, 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. 05.003.01-003421

Subject: Response to Submittal No. 1544, Revision No. 00 (KFM NCR 36 & 37, Reduction in Preheat)

Dear Dan,

The Department has reviewed Kiewit-FCI-Manson (KFM) Submittal No. 1544, Revision No. 00, dated August 15, 2007, which notified the Department of the Contractor's Non-conformance Report (NCR) Nos. 36 and 37. 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. 3389 and 3390. Please respond to the Department's Letter Nos. 3389 and 3390.

The Department considers Submittal No. 1544, Revision No. 00, 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, 09.013, 55.1544