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LETTER OF SUBMITTAL
SAS Foundations E2/T1 Project

Run Date 20-Mar-07
 Time 9:41 AM

Dated: 20-Mar-2007

SUBMITTAL No: KFM-SUB-001388

Rev: 00

To: **Pedro Sanchez**
 Caltrans - SAS E2/T1 Foundation Project
 333 Burma Road
 Oakland CA 94607
 Phone: 510-286-0538 Fax:

Co/Job # 364-4347
 Contract # 04-0120E4
 Sub/Supplier:
 Sub/Supplier No:

Subject: KFM Preheat NCR 10

Special Provis. (SP) REF: 8-3.01

Standard Spec. (SS) REF:

RESUBMITTAL/SUPPLEMENTAL REF:

We are sending the following attached items: Attached Via Fax

- | | | |
|--|--|---|
| <input type="checkbox"/> Contract Plans/Specs | <input type="checkbox"/> Certs of Compl./Samples | <input type="checkbox"/> Working Drawings |
| <input type="checkbox"/> Drawings/Calculations | <input type="checkbox"/> Schedule | <input checked="" type="checkbox"/> WQCP and/or Addenda |
| <input type="checkbox"/> Change Order | <input type="checkbox"/> Progress Estimate Request | <input type="checkbox"/> Weekly Weld Reports |
| <input type="checkbox"/> Copy of Letter | <input type="checkbox"/> Payroll Information | <input type="checkbox"/> CWR Procedure |

Item	Date	Copies	Description	Drawing No	Rev	Status	Pages
01	19-Mar-07	3	KFM NCR 10		0	Pending	1

These are transmitted as checked below:

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> For Approval | <input type="checkbox"/> For Review/Comment | <input type="checkbox"/> Return For Correction |
| <input type="checkbox"/> For Your Use | <input type="checkbox"/> As Requested | <input type="checkbox"/> For Information |

Remarks:

CC:

Please review / approve by : _____

Submitted By: **Scott Thompson**

(KFM Staff Member – Originator of Transmittal)

Checked & Sent By: _____

Spinks
 Contract Admin/DCS Staff

NON-CONFORMANCE REPORT	10
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Location of Mat'l/Item: E2W - Pile 6 - E1
Title/Description: Loss of preheat at Pile 6 Plate E Weld 1
Group: E2 Foundations
Superintendent: Joel Dodd
Foreman: Scott McCoy

Report of Condition/Cause of Non-Conformance: On 3/18/07 at P6W-E1 it was reported that a preheat zone was losing temperature. An employee of KFM was notified and sent to jobsite to investigate. It was found that a 3/0 cable connector to the 2/0 splitter cable had burnt. The cam lock connection was replaced and the preheat came back up to specified 250 degree Fahrenheit, from a reading of 180 degrees at the heater thermocouple.

Recommended Corrective Action: Caltrans was notified at the start of shift the following workday, the subsequent weld passes that had been welded prior to loss of preheat to be MT'd and documented and okayed to weld complete. Replaced burnt cam lock and inspect others.

Originator Signature: <i>Joel D. Dodd</i>	Date: 3/19/07	Superintendent Signature: <i>Joel D. Dodd</i>	Date: 3/17/07
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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

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



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

Attn: Mr. Lee Zink
Project Director

April 4, 2007

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

Letter No. 05.003.01-003026

Subject: NCR - Kiewit-FCI-Manson, 03/19/07 (Failure to Maintain Preheat Temperature)
Response to Submittal No. 1388, Revision No. 00 (NCR 10)

Dear Lee,

The Department issued a Non-conformance Report (NCR) at the SAS T1/E2 Foundations project site on March 19, 2007. The NCR was generated when the Contractor failed to maintain the preheat temperature as required by the Special Provisions, Section 10-1.31, Subsection "Field Welding of Pile/Sleeve Connector Plates," Line F, during welding of Pier E2 Pile Head Connection Plate (PHCP) at pile E2W-6 weld E1 on March 18, 2007. There were several weld passes that had been deposited prior to the loss of preheat. Mr. Joel Dodd, KFM Superintendent, discovered the problem and notified the Department via telephone on March 19, 2007.

The Department has reviewed Kiewit-FCI-Manson (KFM) Submittal No. 1388, Revision No. 00, dated March 20, 2007, which contained KFM NCR No. 10, issued to document the same issue of the above NCR. The Department understands that the Contractor has taken corrective actions to resolve the NCR. However, please note that the Department does not find it acceptable to allow the temperature of the PHCP welds to drop below their minimum preheat temperature. Furthermore, the Contractor should continue to improve their welding procedures so that the minimum preheat temperature can be maintained continuously from beginning to completion of the entire weld in accordance with the subsection "Field Welding of Pile/Sleeve Connector Plates," found in Section 10-1.31, "Structural Steel," of the Special Provisions.

The Department considers both this NCR and KFM Submittal No. 1388 (KFM NCR No. 10) to be resolved. However, the Department reserves the right to readdress this issue with the Contractor should it reoccur in the future.

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

Letter No. 05.003.01-003026
Kiewit-FCI-Manson
Page 2 of 2

Sincerely,

Mark Vilcheck
Structure Representative

For: Pedro J. Sanchez
Resident Engineer

cc: P. Sanchez
M. Vilcheck
R. Smith

file: 05.003.01, 09.006.03, 09.013, 55.1388