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 Phone (510) 419-0120 / Fax (510) 832-1456

LETTER OF SUBMITTAL
SAS Foundations E2/T1 Project

Run Date 23-Apr-07
 Time 2:52 PM

Dated: 4/24/2007

SUBMITTAL No: KFM-SUB-001424 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 NCR 15 Loss of Preheat E2W 1D 4

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 type="checkbox"/> WQCP and/or Addenda |
| <input type="checkbox"/> Change Order | <input type="checkbox"/> Progress Estimate Request | <input type="checkbox"/> Weekly Weld Reports |
| <input checked="" 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	23-Apr-07	3	KFM NCR 15 Loss of Preheat E2W 1D 4		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 : 29-Apr-2007

Submitted By: **Scott Thompson**
 (KFM Staff Member – Originator of Transmittal)

Checked & Sent By: *SBunk*
 Contract Admin/DCS Staff

NON-CONFORMANCE REPORT

15

Location of Mat'l/Item: E2 Footing West Pile 1, Plate D, Weld 4

Title/Description: Loss of preheat

Group: E2 Foundations

Superintendent: Joel Dodd

Foreman: Scott McCoy

Report of Condition/Cause of Non-Conformance: On Friday evening 4/20/07

pre-heat on PHW E2W-1D4, went below the specified 250 degree Fahrenheit.

There was a short noticed by tug boat monitors in thermocouple cause amperage to be sent to the heater blanket sporadically. This caused the preheat temp to drop to 205 degrees Fahrenheit.

Recommended Corrective Action:

The thermocouple and 3/0 preheat cable were taken out of service and replace with a new system the weld had a root pass and subsequent passes, preheat temp. was brought back to specification Caltrans was notified that KFM would write an NCR. The weld was MT inspected, documented and okayed to weld complete.

Originator Signature:

Date:

Joel D. Dodd 4/23/07

Superintendent Signature:

Date:

Joel D. Dodd 4/23/07

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

Attn: Mr. Dan Proctor

July 19, 2007

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

Letter No. 05.003.01-003308

Subject: Response to KFM Letter No. 286 (Request for Preheat Loss Investigation)

Dear Dan,

The Department has reviewed Kiewit-FCI-Manson (KFM) Letter No. 286 dated July 3, 2006, which provided a description of the occurrences, locations, causes and remedial measures taken by the Contractor, for two NCRs dated April 8, 2007, two NCRs dated April 20, 2007, and an NCR dated April 23, 2007, all for failures to maintain pre-heat during welding at Pier E2. KFM Letter No. 286 responded to the Department's Letter Nos. 3065, 3066, 3067, 3068, and 3069, all dated April 30, 2007. The Department understands that the Contractor has taken preventive measures to ensure that installation issues and equipment problems related to the Contractor's failure to maintain pre-heat. The Department considers the two NCRs dated April 8, 2007, the two NCRs dated April 20, 2007, and the NCR dated April 23, 2007, to be resolved.

If you have any questions or need additional information, please contact Mark Woods at (510) 622-5107.

Sincerely,

Mark P. Woods
Senior Bridge Engineer

For: Pedro J. Sanchez
Resident Engineer

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

file: 05.003.01, 09.006.03, 55.1413, 55.1422, 55.1424, 55.1425, 55.1481