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LETTER OF SUBMITTAL
SAS Foundations E2/T1 Project

Run Date 07-Sep-07
 Time 8:22 AM

Dated: 9/7/2007

SUBMITTAL No: KFM-SUB-001577 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 41 Preheat T1 2F 3

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	07-Sep-07	3	KFM NCR 41 T1 2F 3		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 : 14-Sep-2007

Submitted By: Scott Thompson

(KFM Staff Member – Originator of Transmittal)

Checked & Sent By:

SBURK
 Contract Admin/DCS Staff

NON-CONFORMANCE REPORT

41

Location of Mat'l/Item: T1 Pile 2, Plate F, Weld 3**Title/Description:** Reduction in preheat**Group:** T1 Foundations**Superintendent:** John Klos**Foreman:** Jim Belcher**Report of Condition/Cause of Non-Conformance:** On Tuesday 9/04/07, at 6:10p.m.,

there was a reported reduction in preheat at 2F-3 top 120cm of connection plate weld, that was 70% complete. The welder discovered the steel temperature had dropped to 200 degrees Fahrenheit due to a short in the blankets cam lock causing a short in the zone. Manual preheat was not able to be used during the replacement and relocation of the heaters. Welding was stopped and the heaters were replaced. The heat dropped to 172 degree Fahrenheit before the preheat was brought back up to specification. Upon MT inspection of the weld a small indication was found at the top of weld #3.

Recommended Corrective Action:

QA was notified of the loss of the top heater zones and of the indication in the top of weld #3, in the run off weld area. Preheat was reconnected and brought back to specified heat and the weld was MT inspected. The indication was excavated with a die grinder to 12mm and it remained, work on the weld was stopped at Caltrans request. Further investigation at the start of the next shift found the indication to be lack of fusion. The Okay was given by QA to excavate the lack of fusion, the weld was re-MT'd and welding continued.

Originator Signature:**Date:***April D. Dadd*

9/05/07

Superintendent Signature:**Date:***John R. Klos*

9-5-07

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
Construction Manager

September 13, 2007

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

Letter No. 05.003.01-003475

Subject: Response to Submittal No. 1576, Revision No. 00 (KFM NCR 40 Preheat T1 4A 4), and Submittal No. 1577, Revision No. 00 (KFM NCR 41 Preheat T1 2F 3)

Dear Dan,

The Department has received Kiewit-FCI-Manson (KFM) Submittal No. 1576, Revision No. 00, and Submittal No. 1577, Revision No. 00, both dated September 7, 2007, which notified the Department of the Contractor's Non-conformance Report (NCR) Nos. 40 and 41. The Department has already documented and notified the Contractor of the same NCRs in the Department's Letter No. 3452. The Department understands that the Contractor returned the weld to the minimum preheat temperature and that MT was performed on the in-place welds prior to resuming welding at these locations.

The Department considers Submittal No. 1576, Revision No. 00, and Submittal No. 1577, Revision No. 00 to be closed. However future instances of loss of preheat will be documented as necessary.

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, 55.1576, 55.1577