STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
CP-CEM 4601 (Rev. 4/99) (Old HC-10A)

TOLL PROGRAM/DIST. 4 CONSTR.

Job Stamp:
04-SF-80-13.2/13.9 04-0120F4
SFOBB SAS
San Francisco Co. in San Francisco
Fm 0.6 km to 1.3 km East of Yerba Buena
Tunnel East Portal

Report No.

7-day const. cal.: 740
Project work day: 950

Date the Shift Began: 12/22/08

☐ NIGHTWORK MONDAY

Shift Hrs Start 7:00 Stop 15:30
Engineer's Hrs Start 7:00 Stop 15:30

46.B

ASSISTANT RESIDENT ENGINEER'S DAILY BRIDGE REPORT

Location: W2 Cap Beam
Remark:

Weather: partly cloudy
Hi 52F/Lo 41F

Description of Operation:

	HOURS - ITEM NO.						
ITEM NO. >>	38						
Structural Concrete, Bridge							IDLE OR DOWN/ ELSEWHERE
RT							< RT/OT

EQUIPMENT AND/OR LABOR:

EQPT. NO.	NO. MEN	DESCRIPTION (Of Equipment or Labor)

CONTRACTORS

Prime	American Bridge / Fluor JV
Sub #1	(1)
Sub #2	(2)
Sub #3	(3)
Sub #4	(4)
Sub #5	(5)

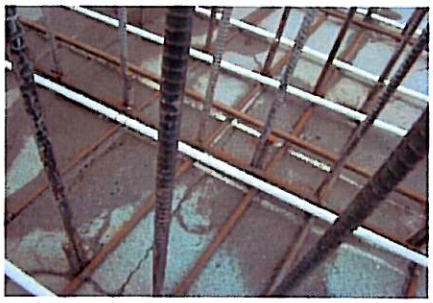
REMARKS

Name	Classification	Prime / Sub

For RPS/ABF equipment/personnel hours, please see Pamela Gagnier's & Lalit Mathur's diaries.

Weekly meeting with Gil @ 0800.
CT core drillers were on site to aid determination of crack depth in the concrete of pour 4. There was one significant crack of which extended from the east face to the west face. A core was taken of this crack and the crack extended to the length of the core. Gil has contacted ABF to inform them that they will need to remedy this crack and are within their right to take more samples themselves. Pg. 265 of the Special Provisions state, "Core drilling may be necessary, as determined by the Engineer and at the Contractor's expense, to sample and examine the extent of the cracking and crack filling. The minimum depth of core sampling for mass concrete shall be 0.6m and the number of cores taken per mass concrete eleement shall be in accordance with ASTM Designation: C823."

ABF will also need to repair the crack by epoxy injection. Pg 264 of the Special Privisions read, "Cracks greater than 0.15mm in width shall be repaired. Cracks greater than 0.15mm in width and longer than 300 mm shall be filled with pressure-injected epoxy. Cracks to be filled shall be cleaned and filled by pressure injection methods so that all portions of the crack are completely filled with epoxy. No repairs shall begin until the Engineer has approved the repair plan."



The first two pictures show the longitudinal crack. The third picture shows a crack larger than 1.5mm wide.

In the office, I read a few sections from the CT Prestress Manual.

Materials:

Insp. Hrs.	
REG: 8.0	INTERMITTENT
OT:	INSPECTION

David Chang — TE/CT
Title

46.02