

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.: 588
Project work day: 798
Date the Shift Began: 7/23/08
 NIGHTWORK WEDNESDAY
Shift Hrs Start 6:30 Stop 17:00
Engineer's Hrs Start 6:30 Stop 15:00

ASSISTANT RESIDENT ENGINEER'S DAILY BRIDGE REPORT

| | |
|-----------------------|-----------------------------|
| Location: W2 Cap Beam | Weather: warm/partly cloudy |
| Remark: lost deck | Hi 69F/Lo 53F |

Description of Operation:
ABF - continue forming lost deck in northwest void

| HOURS - ITEM NO. | | | | | | | CONTRACTORS | | |
|-------------------------|---------|-------------------------------------|----|--|--|--|-------------|----------------------------|-------------|
| ITEM NO. >> | 38 | | | | | | Prime | American Bridge / Fluor JV | (P) |
| | | | | | | | Sub #1 | | (1) |
| | | | | | | | Sub #2 | | (2) |
| | | | | | | | Sub #3 | | (3) |
| | | | | | | | Sub #4 | | (4) |
| | | | | | | | Sub #5 | | (5) |
| EQUIPMENT AND/OR LABOR: | | | | | | | REMARKS | | |
| EQPT. NO. | NO. MEN | DESCRIPTION (Of Equipment or Labor) | RT | | | | Name | Classification | Prime / Sub |
| | | | | | | | | | |

For equipment and personnel hours, please see LALIT MATHUR'S diaries.

Weekly meeting with ABF today. They confirm that Pour 3 is still scheduled for the 21st of August. We mentioned that we noticed some of their workers going into the completed lost deck voids and stated that these are confined spaces. Gil (CT) asked if this was their definition of 'confined space' and they said it was if it was complete.

In the field, Matt (CT) and I came up with a survey course to shoot grades of the falsework columns to determine settlement. This will take place tomorrow. In practicality, these marks are not adequate for determining the *total settlement* for the entire system. Tell-tales are normally set up from the soffit, as they represent settlement of the entire system; the timber joists are likely to crush before the steel posts show signs of excessive settlement, but this will never be seen with the survey system now used.

In the 1999 standard specifications, Section 51-1.06B Falsework Construction, "The Contractor shall provide tell tales attached to the soffit forms and readable from the ground in enough systematically placed locations to determine the total settlement of the entire portion of the structure where concrete is being placed."

In the office, I interpolated data from CTLGroup's concrete thermal control plan to determine the highest temperature that they are allowed to pump the concrete based on ambient air temperature, insulation blankets, and cooling pipe spacing.

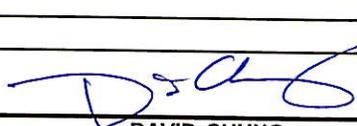
In the field, I confirmed with the worker that will be installing the cooling pipes that the spacing is 800mm.

I also reviewed the concrete mix design and calculated the tolerances for the components including cement and admixtures based on CTs approved products list.

REC'D 08 OCT 01 #005788

Materials:

| | |
|---|--------------|
| Insp. Hrs. | |
| REG: 8.0 | INTERMITTENT |
| OT: | INSPECTION |


DAVID CHUNG
TE/CT
Title