

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. **46.B**

Date the Shift Began: **2/25/08**

NIGHTWORK **MONDAY**

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

ASSISTANT RESIDENT ENGINEER'S DAILY

BRIDGE

REPORT

| | | |
|--|-------------------------------|-------------------------------|
| Location: W2 Cap Beam | 7-day const. cal.: 439 | Weather: Partly cloudy |
| Remark: continue assembling Hinge K | Project work day: 649 | Hi 59F / Lo 46F |

Description of Operation:
At foot of falsework:
Begin HS-rod placement (18 rods placed) for Hinge K
up above:
resume cleanup

| EQUIPMENT AND/OR LABOR: | | HOURS - ITEM NO. | | | | | | IDLE OR DOWN | REMARKS | | |
|-------------------------|---------|-------------------------------------|--|--|--|--|--|--------------|---------|----------------|-------------|
| EQPT. NO. | NO. MEN | DESCRIPTION (Of Equipment or Labor) | | | | | | | Name | Classification | Prime / Sub |
| | | | | | | | | | | | |

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

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Weekly SAS mtg w/senior and staff.

Field inspection today highlighted concern for the ends of the HS rods, specifically the threads. With the HS-rod diameters being 75mm and the holes of the template being 80mm, there is virtually no room for error when sliding the steel template on. In theory, if the HS-rod steel was harder than the template steel, this would be little concern. Regardless, damage of the ends of the HS-rods can/will prove to make stressing of the rods difficult. Further concern was the length of time that these rods would be out in the field. Terry (ABF foreman) stated he will cover the unused rods. Today, 18 rods were placed. The higher strength rods were placed at the pre-designated locations. A combination of lower and higher strength rods were placed at 13-15, 16-18, 34 & 35, 53,55, 57-64. As of ~14:20, they ran out of nuts and discontinued rod placement and started brainstorming how to align the template in the correct position. As it sits, it is roughly 1/4 inch low on one side. As far as the rods go, they only have 20 lower strength bars (#8) left on site. Putting a 4-foot level on the rods revealed that they were placed level. Last friday, we revealed the template and PL 60 were placed plumb. Therefore, these rods are square to the plate and the rods should not be experiencing any stress at the plate connection. To torque the nuts at the plate, they were using a special device shipped with the nuts (pic attached). My concern was if they were slamming their hammers directly on these nuts, there would develop a micro crack and eventually be enough to develop into a larger crack later.



Materials:

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|------------|--------------------------|--------------------------|-------------|----------------|
| Insp. Hrs. | REG: INTERMITTENT | REC'D *08 MAR 22 #003898 | DAVID CHUNG | TE/CT Title |
| OT: | INSPECTION | | | |