

Job Stamp

04-0120F4

SFOBB SAS

Const. Calendar: 78

Project Work Day No.: 1288

Date 11/25/2009

Inspectors Hours	Start	06:00	Stop	14:00
Shift Hours		06:00		15:00

ASSISTANT RESIDENT ENGINEER'S

CONTRACTOR - ABFJV, Sub SDI

HOURS - ITEM NO.

EQUIPMENT AND/OR LABOR:			#37 Cable Tie -Down									IDLE OR DOWN	REMARKS	
Equip. #	NO. MEN	DESCRIPTION (Of Equipment or Labor)											Name	Contractor
1	1	Ironworker Superintendent										8	Ralph Craig	SDI, out sick
2	1	Ironworker Apprentice	6									2	Bounthaby Singharath	SDI
3	1	Ironworker Foreman	6									2	Erin Jones	SDI
4	1	Ironworker Journeyman	6									2	Randy Hill Jr.	SDI
5	1	Ironworker Journeyman	6									2	James Carriker	SDI
6	1	Ironworker Journeyman	6									2	Todd Blackwell	SDI
7	1	Ironworker Journeyman	6									2	Dave Hollis	SDI
6-8-134	1	Monostrand jack, gauge "A", and pump	6									2		SDI
6-8-0014	1	Monostrand jack, gauge "A", and pump										8		
412-10-7088	1	Forklift	4									4		SDI, Hertz
HPU-D-110-3K-02	1	Hydraulic Pushing Unit	4									4		SDI
	1	A Frame (600 Ton)	4									4		SDI
SPH-60-3K-04	1	Strand Pushing Guide	4									4		SDI
	1	Strand Pack Spool Jig	4									4		SDI
	1	Winch w/combustible motor										8		SDI
	1	Winch w/out motor										8		SDI
	1	Winch w/out motor										8		SDI
	1	Connex Box										8		SDI

Weather: Sunny with mild temperatures - Hi 70°F Low 43°F (per weather.com forecast)

Description of Operations @ W2 Cap Beam:

ABF

- Resumed chipping concrete and cleaning up debris for the MEP utility opening located in the southeast retaining wall at W2W. Worked only a half day due to Thanksgiving holiday.

SDI

- Placed the upper anchorhead and "grease box" for cable tie down tendon #8 at W2W.
- Pushed the 41 sheathed strands from strand pack #74004-1 into cable tie down tendon #8 at W2W.

REC'D H32 JAN 05 #011664

4602

dkm

- Loaded strand pack #73762-4 in the spool jig and pushed 20 sheathed strands into cable tie down tendon #8 at W2W completing all cable tie down strand pushing operations.
- Placed plastic over the exposed strands for cable tie down tendons at both W2E and W2W.
- Worked two thirds of a day due to Thanksgiving holiday.
- Stressed the remaining strands for cable tie down tendon W-4 (57 strands) in the prescribed sequence in Submittal 85. SDI used monostrand jack number 6-8-134 and gauge 6-8-134A. Strand elongations were measured from 30%P_{jack} to 100%P_{jack}, and after anchor set with corresponding pressures of 1,250psi and 4,200psi for gauge 6-8-134A.

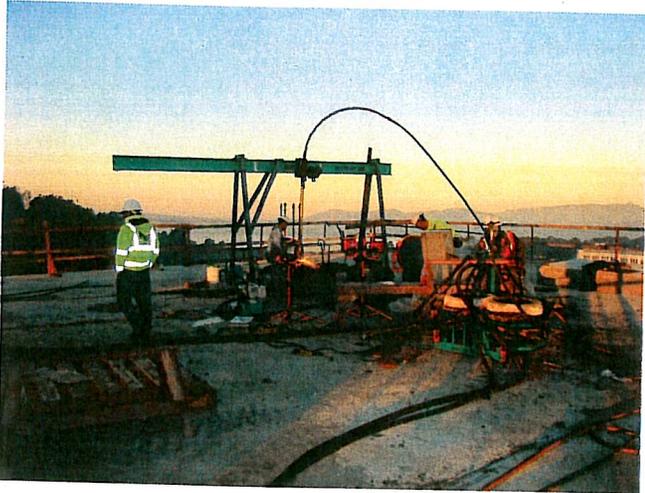
The elongations for the most part were acceptable except a few where there may have been an error in measuring the elongation of the strand. Lalit assisted me with monitoring the stressing operations today. The strain indicator used was Caltrans No. 55096 and the T-bar was Caltrans No. 003056 to track the load. See stressing reports and load calibration monitoring sheets for more details.

Office work:

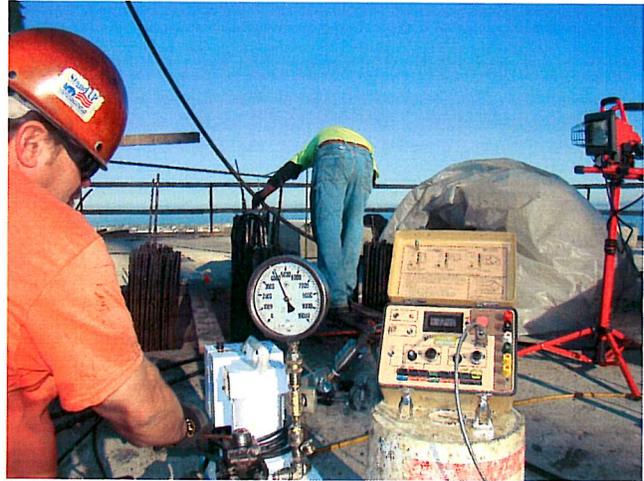
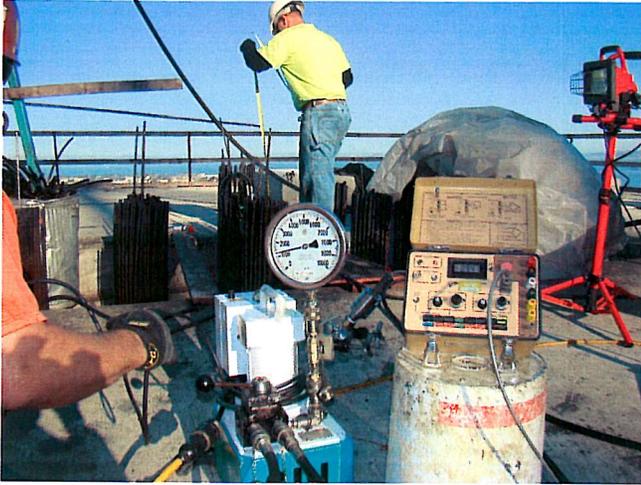
- Prepared paperwork for stressing tomorrow and analyzed today's operations.
- Talked to James Duxbury about the response to RFI 1949R01, regarding protection of the Macalloy rods while constructing the elevator walkway to the west face of the W2 cap beam.
- Wrote today's diary.

Inspector:

Matt Bruce *Matt Bruce* Transportation Engineer (D)

EA		04-0120F4											
Co-Rte-KP (PM)		SF-080-13.2/13.9 (8.2/8.7)											
Structure Rep.		Rick Morrow											
													
				<table border="1"> <tr> <td>File Name:</td> <td>Nov-25-2009 W2 Cap 002</td> <td>File Name:</td> <td>Nov-25-2009 W2 Cap 004</td> </tr> <tr> <td>Date:</td> <td>11-25-09</td> <td>By Int:</td> <td>M Bruce</td> </tr> <tr> <td colspan="2"> Description: SDI ironworkers pushing strand into cable tie down tendon #8 at W2W. This is the last tendon to have strand pushed completing this operation. </td> <td colspan="2"> Description: The upper anchorhead for cable tie down tendon E-11, which was stressed yesterday. It appears that all of the wedges have been seated. </td> </tr> </table>		File Name:	Nov-25-2009 W2 Cap 002	File Name:	Nov-25-2009 W2 Cap 004	Date:	11-25-09	By Int:	M Bruce
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EA	04-0120F4
Co-Rte-KP (PM)	SF-080-13.2/13.9 (8.2/8.7)
Structure Rep.	Rick Morrow



File Name:	Nov-25-2009 W2 Cap 009		
Date:	11-25-09	By Int:	M Bruce

Description: SDI ironworkers stressing a strand in cable tie down tendon W-4 to 30% P_{jack}. The corresponding pressure for 9.5kips on gauge 6-8-134A is approximately 1250psi. Measurements for elongation are taken at this point from the stressing plate to the end of the strand tail being stressed. The stressing plate has a 3/8" recess to allow for wedge movement while stressing.

File Name:	Nov-25-2009 W2 Cap 010		
Date:	11-25-09	By Int:	M Bruce

Description: SDI ironworkers stressing a strand in cable tie down tendon W-4 to 100% P_{jack}. The corresponding pressure for 33kips on gauge 6-8-134A is approximately 4200psi. Measurements for elongation are taken again at this point from the stressing plate to the end of the strand tail being stressed. An additional measurement is taken for anchor set when the pressure is released from the monostrand jack.



File Name:	Nov-25-2009 W2 Cap 013		
Date:	11-25-09	By Int:	M Bruce

Description: Cutting the last strand pushed for the cable tie down tendons into W-8.

File Name:	Nov-25-2009 W2 Cap 015		
Date:	11-25-09	By Int:	M Bruce

Description: SDI ironworker measuring the elongation of the strand at W-4 after 100% P_{jack} from the stressing plate to the end of the strand tail.