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Job Stamp  
04-0120F4  
SFOBB SAS

Const. Calendar: 70  
Project Work Day No.: 1280

Date: 11/17/2009  
Inspectors Start 09:30 Stop 11:10  
Hours  
Shift Hours 07:00 15:30

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
2	1	Ironworker Apprentice	8									Bounthaby Singharath	SDI
3	1	Ironworker Apprentice									8	Will Hobbs	SDI
4	1	Ironworker Apprentice									8	Samnang San	SDI
412-10-7088	1	Forklift									8		SDI, Hertz
HPU-D-110-3K-02	1	Hydraulic Pushing Unit									8		SDI
	1	A Frame (600 Ton)									8		SDI
SPH-60-3K-04	1	Strand Pushing Guide									8		SDI
	1	Strand Pack Spool Jig									8		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 hazy skies and mild temperatures – Hi 61°F Low 38°F (per weather.com forecast)

Description of Operations @ W2 Cap Beam:

ABF

- Continued to chip concrete for the MEP utility opening located in the southeast retaining wall at W2W.
- Assisted SDI with cable tie-down placement operations described below.

SDI

- Continued to check/set the bottom anchorhead wedges and checked the "fit-up" for the bottom grease cap to shim plate connection. Also miscellaneous cleanup near the bottom anchorages. I noticed that ABF was monitoring the air in the foundation areas while working in a confined space. Bounthaby is the only SDI ironworker onsite as Ralph is on vacation until Monday November 23<sup>rd</sup>. I discussed with him the importance of "checking-in" with the ABF crew every once in awhile since he was working alone in a confined space.

Office work:

- Attended weekly staff (Temp. Towers and Caps) meeting at 8:00am.
- Showed Eric Jacobsen (Electronics/Instrument Technician) areas at W2 where I would like to place strain gauges to monitor stressing operations. He informed me that there are 270 lbs of strand and doesn't have enough

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surface area to place strain gauges. However we discussed monitoring Hinge K Macalloy rod strain, cable tie down bearing plate bending/shear and possibly the bearing stress. Also we discussed monitoring the OBGs during erection to determine shear and axial loading in addition to bending.

- Began to fill out the Q-Sheet for Bid Item #38 Structural Concrete (Bridge) for progress payment number 43. The requested amount was sent by Roberto Borja via email. I inquired with Gil about taking deductions for the cable tie down slabs not obtaining the required contract compressive strength. I also mentioned the non-compliant concrete for pour 3 (median) at the W2 cap beam which exceeded the specified temperature requirement. Gil talked to both Gary and Rick about taking deductions for the deficient concrete mentioned. The final answer at the end of the day was to make note of the deductions on the Q-Sheet. The payment "penalties" would be used in future negotiations with ABF and Caltrans upper management.
- Continued to review submittals and plans related to stressing the cable tie down tendons.
- Continued to review related to OBG Erection distributed by Tai Lin via email.
- The power went out for a few hours in the morning and no work was completed on the computer.
- Wrote todays diary.

**Inspector:**

Matt Bruce Matt Bruce Transportation Engineer (D)