

Job Stamp

04-0120F4

SFOBB SAS

Const. Calendar: 72

Project Work Day No.: 1282

Date: 11/19/2009

Inspectors Start 12:40 Stop 15:20

Hours

Shift Hours 07:00 15:30

ASSISTANT RESIDENT ENGINEER'S

CONTRACTOR - ABFJV, Sub SDI

HOURS - ITEM NO.

Equip. #	NO. MEN	DESCRIPTION (Of Equipment or Labor)	#37 Cable Tie -Down								IDLE OR DOWN	REMARKS	
												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 mild temperatures - Hi 63°F Low 45°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.

SDI

- Were not onsite today.

Office and miscellaneous work:

- Attended biweekly SAS Safety Tailgate and staff meetings at 8:00am.
- Obtained a labtop (Caltrans serial number 974242) from Glynn Suratos for field operations with the Vishay P3 strain indicator and Nikon 851DTM total station.
- Continued to review the stressing procedure submitted by Mike Schwager yesterday via email.
- Continued to review submittals and plans related to stressing the cable tie down tendons.
- Continued to create load tracking sheets for the cable tie down tendon stressing.
- Had to change another flat tire on the truck (Number 7003478) that I am currently driving. As stated in previous diaries the Caltrans Mechanic shop in the Toll Plaza has been inefficient since the implementation

akm

46.02

of furloughs. The "turn-around" time just get a truck PM takes multiple weeks instead of a few days. The truck assigned to me number 0076166 has been in the shop since Labor day weekend. Also it should be noted that substandard trucks increases the risk for an accident.

- Attended cable tie-down stressing meeting with ABF and SDI, which included Gil, Lalit, Jim Davidson, and Mike Schwager. The following issues were discussed but not limited to:
 - 1.) Actual tendon length was ascertained by ABF and Towill surveys.
 - 2.) Gil reiterated cleaning the grease prior to stressing, Mike said it will be done with a rag.
 - 3.) It is unknown how this strand will set during and after stressing, therefore it is something that will be determined in the field.
 - 4.) The stressing sequence in Submittal 85 was vague, Gil inquired with TY-Lin designer James Duxbury about this issue.
 - 5.) Stressing operations for the Cable Tie-Downs will begin either Monday or Tuesday of next week.
 - 6.) The point when to recycle the ram stroke of the jack.
 - 7.) Measuring the strand elongation from the stressing plate on top of the anchorhead.
 - 8.) Specifying the gauge pressures for the ironworkers at 20, 30, 40 and 100% P_{jack}
 - 9.) Cable Tie-Down Tendon ID patterns, 1 in the NW and 14 in the SE at both piers W2E and W2W.
 - 10.) Using english units for measuring elongation to the nearest fraction.
 - 11.) Maintaining the alignment of the monostrand ram while stressing.
 - 12.) Creating protocol sheets for the Cable Tie-Down stressing operations.

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		
			
File Name:	Nov-19-2009 W2 Cap 001		
Date:	11-19-09	By Int:	M Bruce
Description: Strand placement in progress for Cable Tie-Down tendon number 11 at W2W at the bottom of the tendon. The approximate distance from the bottom of the bearing plate to the top of the anchorhead is 200mm. The anchorhead is 175mm and the average tail length from the bottom of the anchorhead is 260mm.			
File Name:	Nov-19-2009 W2 Cap 004		
Date:	11-19-09	By Int:	M Bruce
Description: Completed strand placement for Cable Tie-Down tendon number 13 at W2W at the bottom of the tendon. The average distance of the strand tails from the bottom of the anchorhead is 550mm.			

This form must be readily available at the confined space during the time work is in progress. After work is completed, give to your supervisor for retention.

DESCRIBE WORK TO BE DONE

INSPECT STRANDS FOR CABLE TIE DOWNS

DATE AUTHORIZED TIME AUTHORIZED

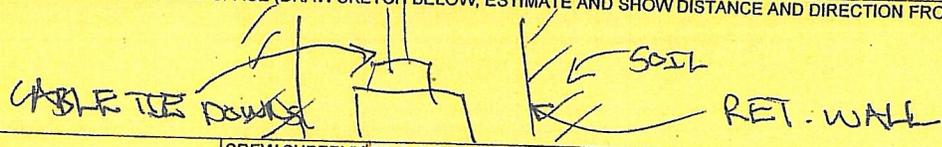
11/19/09

FROM 10:00AM TO 3:30PM

LOCATION OF CONFINED SPACE

WZ FOUNDATIONS

LOCATION OF WORK WITHIN CONFINED SPACE (DRAW SKETCH BELOW, ESTIMATE AND SHOW DISTANCE AND DIRECTION FROM WORK ACCESS)



PRE-WORK APPROVAL	CREW SUPERVISOR'S SIGNATURE <i>A K Myer</i>	DATE (Must be signed on date of issue) 11-19-09
CONFINED SPACE ENTRY APPROVAL	ENTRY SUPERVISOR'S SIGNATURE <i>A K Myer</i>	DATE (Must be signed on date of issue) 11-19-09

EMPLOYEES AUTHORIZED TO ENTER CONFINED SPACE	
ENTRY SUPERVISOR	<i>Lalit Malhotra</i>
LOOKOUT PERSON/ATTENDANT	<i>Lalit Malhotra</i>
ENTRANTS	

CHECKLIST ON OTHER SIDE MUST BE COMPLETED BEFORE ENTRY

CONFINED SPACE ENTRY CHECKLIST

PM-S-0040B (REV. 5/7/99B)

NOTE: THE ENTRY SUPERVISOR INITIALS ITEMS 1-3 AND 5-7. ENTER SPACE ONLY AFTER THE PROCEDURES LISTED BELOW HAVE BEEN COMPLETED.

1. Review Code of Safe Practices for entry and work in confined spaces. INITIAL
AKM
2. Review emergency/rescue procedures. Ensure emergency rescue equipment/personnel are available for removing disabled worker from space. AKM
3. Assure that confined space has adequate ventilation. AKM

4. Atmospheric testing	ENTRANCE		INSIDE	
	METER READING	INITIAL	METER READING	INITIAL
% Oxygen	21.3	MB	20.9	MB
Combustibles (%Lower Explosive Limit - LEL)	0	MB	0	MB
Carbon Monoxide	0	MB	0	MB
Hydrogen Sulfide	0	MB	0	MB

NOTE: If the atmosphere tests hazardous - STOP - DO NOT ENTER; contact entry supervisor. Hazardous is defined as oxygen level below 19.5%, or a combustible gas content greater than 1% LEL, or carbon monoxide greater than 25 ppm, or hydrogen sulfide greater than 10 ppm.

5. Suitable lighting provided in work area. INITIAL
AKM
6. Effective means of providing continuous communication between standby person and worker(s) in confined space. AKM
7. Assure that atmosphere will be tested during work within confined space. AKM
NOTE: If atmosphere becomes hazardous, all workers shall STOP WORK and LEAVE CONFINED SPACE IMMEDIATELY - DO NOT RE-ENTER; contact entry supervisor.

I have determined to my satisfaction that the above procedures have been completed and it is safe to enter and work in this confined space.

ENTRY SUPERVISOR'S SIGNATURE AKM

LOOKOUT PERSON/ATTENDANT'S SIGNATURE AKM

INITIALS OF OTHER WORKERS/ENTRANTS ENTERING CONFINED SPACE