STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

Form HC-10A (Rev. 6/80)

Job Stamp
04-0120F4
SFOBB SAS

Const. Calendar: 23
Project Work Day No.: 1233

Date 10/01/2009

Inspectors	Start	07:20	Stop	11:20
Hours		12:30		14:20
Shift Hours		07:00		15:30

ASSISTANT RESIDENT ENGINEER'S

CONTRACTOR – ABFJV, Sub SDI

EQUIPMENT AND/OR LABOR:

Equip. #	NO. MEN	DESCRIPTION (Of Equipment or Labor)	HOURS - ITEM NO. #34 Prestressing Cast-In-Place Concrete (Pier W2)	#37 Cable Tie -Down								IDLE OR DOWN	REMARKS Name	Contractor
1	1	Ironworker Superintendent		8									Ralph Craig	SDI
2	1	Ironworker Foreman		8									Erin Jones	SDI
3	1	Ironworker Journeyman		8									Randy Hill Jr.	SDI
4	1	Ironworker Apprentice		8									Bounthaby Singharath	SDI
5	1	Ironworker Apprentice										8	Will Hobbs	SDI, out sick
	1	Whisperwatt Power Generator										8		SDI
	1	Colloidal grout mixer & pump												SDI
412-10-7088	1	Forklift		8										SDI, Hertz
CH600-8-105	1	Hydraulic Ram (Strand)										8		SDI
HPU-D-110-3K-02	1	Hydraulic Pushing Unit		8										SDI
SDI-HPU-D-110-3K	1	Hydraulic Pushing Unit										8		SDI
HPU-E-20-10K-03	1	A Frame										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 to warm temperatures – Hi 76°F Low 54°F (per weather.com forecast)

Description of Operations @ W2 Cap Beam:

ABF

- Continued to form the south end blockout for CBT-16 to 22 transverse tendons.
- Continued to construct access frame to be used for chipping the column corbel concrete per sheet 453.
- Placed chamfer strip on the west forms of the vertical PT blockouts and checked rebar cover.
- ABF foreman Nigel Lohse informed me that all exposed PT steel will be cleaned from rust and debris then painted with a protective paint per Jim Davidson. They will not place blockout concrete for CBT-11 to 15.

SDI

- Pushed a total of 23 sheathed strands from strand pack # 74030-2 in the second tendon in the south row of the pattern from the east. Pushed the remaining cable tie down tendon strands with pack # 73755-2. It should be noted that there were certain moments where the strand would get bound in the pusher/spool jig. As a result small segments of strand (approximately 4" long) would be damaged. SDI ironworkers were told to fix the strand prior to resuming pushing operations. The SDI ironworkers completed pushing sheathed strands for this tendon and positioning the upper and lower anchorheads of the tendon. A total of two cable tie down tendons at W2E are completed to date.

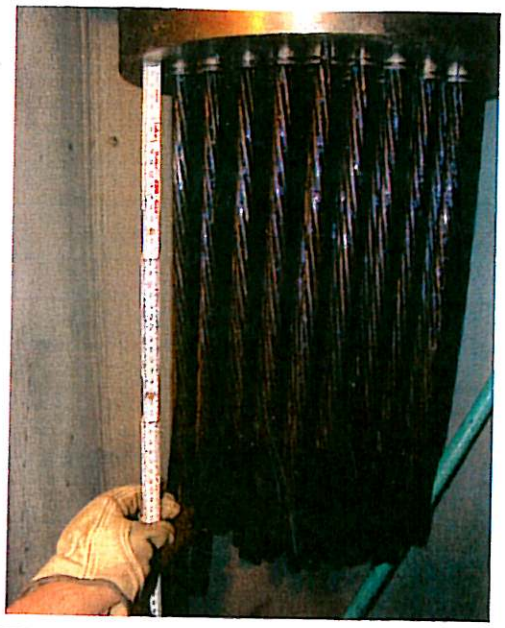
Office and miscellaneous work:

- Counted the #19 horizontal hooked dowels at the W2W construction joint between the W2 cap beam and the 1st OBG lift.
- Filled out confined space paperwork to access the W2E caisson for inspection of the cable tie down strand and anchorhead placement.
- Wrote todays 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



File Name:	Oct-01-2009 W2 Cap 001		
Date:	10-01-09	By Int:	M Bruce

Description: The strand tails at the bottom (dead end) for the far southeast cable tie down tendon at W2E were measured at 530mm. The anchorhead is snug against the bearing plate, however the wedges haven't been set yet by the ironworkers. I brought this issue to SDI superintendent Ralph Craig's attention.

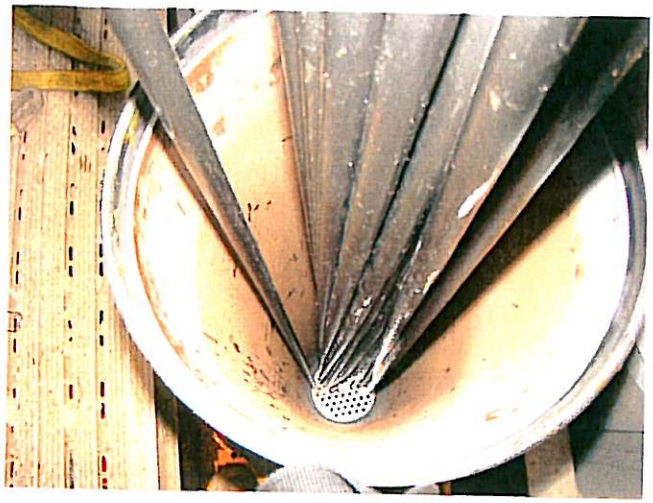
File Name:	Oct-01-2009 W2 Cap 003		
Date:	10-01-09	By Int:	M Bruce

Description: Pushing strand through the lower anchorhead for the second cable tie down tendon at W2E.

EA	04-0120F4
Co-Rte-KP (PM)	SF-080-13.2/13.9 (8.2/8.7)
Structure Rep.	Rick Morrow

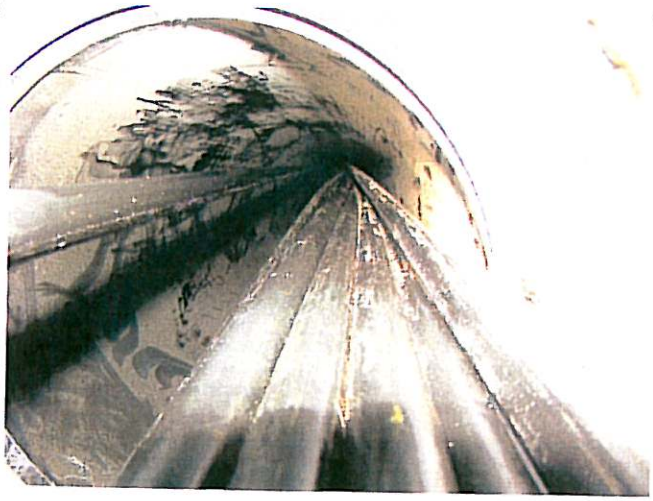
File Name:	Oct-01-2009 W2 Cap 004		
Date:	10-01-09	By Int:	M Bruce

Description: Sheathed strand for the second cable tie down at W2E. The SDI ironworkers are carefully guiding the strand at the bottom of the HDPE pipe into the anchorage unit below.



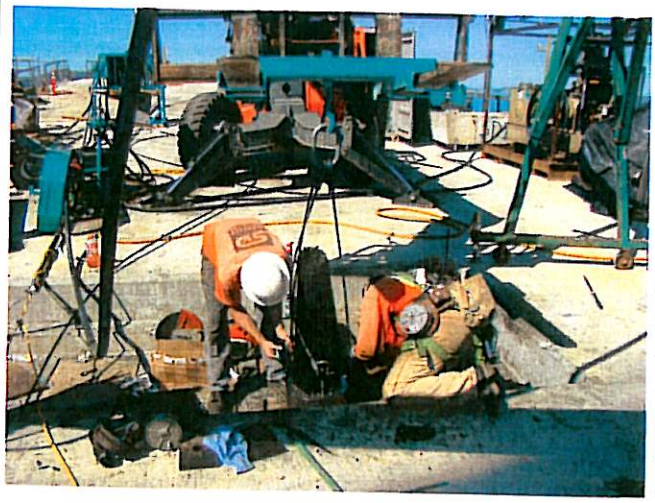
File Name:	Oct-01-2009 W2 Cap 006		
Date:	10-01-09	By Int:	M Bruce

Description: Strand of the second tendon looking down towards the lower anchorhead.



File Name:	Oct-01-2009 W2 Cap 007		
Date:	10-01-09	By Int:	M Bruce

Description: Strand of the second tendon looking up towards the upper anchorhead.



File Name:	Oct-01-2009 W2 Cap 011		
Date:	10-01-09	By Int:	M Bruce

Description: SDI ironworkers placing the upper anchorhead on the top bearing plate.

CONFINED SPACE ENTRY CHECKLIST

PM-S-0040B (REV. 5/1998)

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

	INITIAL
1. Review *Code of Safe Practices* for entry and work in confined spaces.	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	20.9	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 that 1% LEL, or carbon monoxide greater than 25 ppm, or hydrogen sulfide greater than 10 ppm.

	INITIAL
5. Suitable lighting provided in work area.	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. NOTE: If atmosphere becomes hazardous, all workers shall STOP WORK and LEAVE CONFINED SPACE IMMEDIATELY - DO NOT RE-ENTER; contact entry supervisor.	AKM

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

INITIALS OF OTHER WORKERS/ENTRANTS ENTERING CONFINED SPACE

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

CONFINED SPACE ENTRY CHECKLIST

PM-S-0040A (REV. 5/1998)

FORM AUTHORIZED FOR ONE SHIFT ONLY
NEW FORM MUST BE COMPLETED FOR EACH SUBSEQUENT SHIFT

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 SHIM PLATES & ANCHORHEADS OF CABLE TIE DOWNS

DATE AUTHORIZED	TIME AUTHORIZED
10/01/09	FROM 7:00AM TO 3:30PM

LOCATION OF CONFINED SPACE

W2 CAP BEAM, YERBA BUENA ISLAND

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	DATE *(Must be signed on date of issue)*
CONFINED SPACE ENTRY APPROVAL	ENTRY SUPERVISOR'S SIGNATURE A K Mcdw	DATE *(Must be signed on date of issue)* 10-01-09

EMPLOYEES AUTHORIZED TO ENTER CONFINED SPACE

ENTRY SUPERVISOR	Lalit Mathew	
LOOKOUT PERSON/ATTENDANT	" "	
ENTRANTS	Matt Bruce	

CHECKLIST ON OTHER SIDE MUST BE COMPLETED BEFORE ENTRY

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