

Job Stamp

04-0120F4
SFOBB SAS

Const. Calendar: 15

Project Work Day No.: 1225

Date: 09/23/2009

Inspectors	Start	07:00	Stop	11:30
Hours		12:00		13:50
Shift Hours		06:30		15:00

ASSISTANT RESIDENT ENGINEER'S

CONTRACTOR – ABFJV, Sub SDI

		HOURS - ITEM NO.												
EQUIPMENT AND/OR LABOR:		#34 Prestressing Cast-In-Place Concrete (Pier W2)	#37 Cable Tie -Down									IDLE OR DOWN	REMARKS	
Equip. #	NO. MEN			DESCRIPTION (Of Equipment or Labor)										Name
1	1	Ironworker Superintendent		8								Ralph Craig	SDI	
2	1	Ironworker Foreman	2	6								Erin Jones	SDI	
3	1	Ironworker Journeyman	2	6								Randy Hill Jr.	SDI	
4	1	Ironworker Apprentice	2	6								Bounthaby Singharath	SDI	
5	1	Ironworker Apprentice	2	6								Will Hobbs	SDI	
	1	Whisperwatt Power Generator	2								6		SDI	
	1	Colloidal grout mixer & pump	2								6		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.06	1	Strand Pushing Guide									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	

REC'D HQ OCT 16 10:12:55

Weather: Overcast in the morning with mild temperatures, sunny in the afternoon with mild temperatures
– Hi 85°F Low 56°F (per weather.com forecast)

Description of Operations @ W2 Cap Beam:

- ABF
- Assisted SDI with unloading the six strand packs shipped onsite today.
 - Installed access planks for SDI in the W2E caisson.
 - Moved scaffolds from the northeast side to the north and south ends of the soffit.
 - Began to remove the foam on the dowels at the south end CBT-16 to 22 blackout.

- Added vertical 2"x4" supports underneath the north CBT-23 to 36 blackout forms.
- Patched hole in the soffit near W2W used for SDI erecting the HDPE pipe sheathing for the cable tie downs.

SDI

- Attempted to grout the vertical PT tendons at W2W and W2E today. A couple of tests were performed on the grout taken from the mixer with the following results:
 - Efflux time, $t_e = 18$ seconds
 - Ambient Air Temperature, $T_A = 59^\circ\text{F}$
 - Grout Temperature, $T_G = 91^\circ\text{F}$ (Caltrans), $T_G = 92^\circ\text{F}$ (Smith Emery) @ 7:52am
 - Grout Temperature, $T_G = 94^\circ\text{F}$ (Caltrans & SE) @ 8:15am
 - Grout Unit Weight $\gamma_G = 137\text{pcf}$ (S.G. = 2.20) Caltrans Mud Balance.
The minimum required for compressive strength is 135pcf using the mud balance.
 - Bleed test was done which proved the grout wasn't segregating.
 - Grout cubes were not made since no tendons were grouted.

ABF-QCM Chuck Kanapicki, and SDI-Engineer Mike Schwager were not onsite for the grouting operations today. Only Smith Emery technician Joel Nader was onsite to perform quality control. I informed SDI foreman Erin Jones that grout over 90°F during mixing or pumping will not be placed per the Special Provisions page 254 under "Grouting". The foreman Erin Jones decided to stop grouting operations after the temperature didn't appear to be cooling down.

- Unloaded six strand packs with plastic sheathing wrapped around the strand under the center of the W2 cap beam on the ground. The strand packs weren't covered with plastic before the ironworkers left the jobsite. The orange tags weren't taken yet so that the strand location can be tracked. The tags were securely fixed to the packs prior to storage.
- Began to install the heavy duty textile reinforced SBR hose to the elastomeric concentric reducer with steel pipe and HDPE pipe sheathing. This was done for the first four southeast tendons at the W2E, as seen in Detail 4 of drawing TD-002, revision date 07/17/09.
- Reinstalled split shim plates for the far southeast tendon at W2E and the tendon to the west of it.

Office and work:

- Wrote today's diary.
- Prepared for grouting operations scheduled for tomorrow.

Inspector:

Matt Bruce *Matt Bruce* Transportation Engineer (D)