

Job Stamp

04-0120F4
SFOBB SAS

Const. Calendar: 20

Project Work Day No.: 1230

Date 09/28/2009

Inspectors	Start	09:20	Stop	10:20
Hours		12:40		14:20
Shift Hours		07:00		15:30

dkm

ASSISTANT RESIDENT ENGINEER'S

CONTRACTOR – ABFJV, Subs SDI and CMC-RS

HOURS - ITEM NO.

EQUIPMENT AND/OR LABOR:			#34 Prestressing Cast-in-Place Concrete (Pier W2)	#37 Cable Tie -Down	#48 Bar Reinforcing Steel (Bridge)							IDLE OR DOWN	REMARKS	
Equip. #	NO. MEN	DESCRIPTION (Of Equipment or Labor)											Name	Contractor
1	1	Ironworker Superintendent										8	Ralph Craig	SDI, went to job in Las Vegas
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
6	1	Ironworker Foreman			5							3	Bob Bogneas	CMC-RS
7	1	Ironworker Journeyman			5							3	David Garcia	CMC-RS
	1	Whisperwatt Power Generator										8		SDI
	1	Colloidal grout mixer & pump										8		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: Overcast in the morning, sunny in the afternoon with mild temperatures, high winds in the afternoon – Hi 76°F Low 56°F (per weather.com forecast)

Description of Operations @ W2 Cap Beam:

ABF

- Continued to form the north end breakout for CBT-16 to 22 transverse tendons. Pressure washed the black foam sticking on the concrete off from the dowels. ABF was informed to not spray the anchorheads while washing.

- Resumed sanding/grinding the bottom of the W2 cap beam.
- Built steps for access onto the "W" line temporary tower walkway from the W2 suspended soffit.
- Surveyors were as-building the corbels and caisson walls at W2E for formwork construction of the cover slab.
- Worked on utility blockouts in the W2W caisson.

SDI

- Continued to push sheathed strands from strand pack #73792-2 in the far southeast W2E cable tie down tendon in the pattern. Approximately 30 strands have been placed in this tendon thus far. The spool jig is causing the ironworkers problems as the strand is uncoiling and not getting caught by the steel frame.
- Installed split shim plates for the final tendon in the W2E caisson which was in the far northwest corner of the tendon pattern.

CMC-RS

- Placed the rebar for the W2E vertical PT blockout as specified on plan sheet 509R2, see photo below for comments and details. The ironworkers left early as they thought their work was complete.

Office and miscellaneous work:

- Finished last Fridays diary and began to write today's diary.
- Filled out the TL-502 forms for the grout cube breaks to determine the compressive strength for vertical PT tendons VT-13W and VT-1E. The temperature of the tap water in the concrete cylinder mold ($\phi = 6"$, height = 12") stored near my desk was 21°C prior to shipment. The grout cubes were placed in concrete cylinder molds ($\phi = 3"$, height = 6") for shipping. David Bradd brought the cubes to Translab in Sacramento for testing. Smith Emery has yet to move their samples (2sets taken for the same tendons as us) to the laboratory.
- Attended the Oakland Touchdown safety tailgate meeting at 8:00am.
- Cleaned some of the grouting equipment.

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:	Sept-28-2009 W2 Cap 002
Date:	09-28-09
By Int:	M Bruce

Description: A 140mm gap was discovered between the vertical dowel and the tail of the #16 horizontal bar. Per plan sheet 509R2 these bars need to have a contact splice. This condition exists predominately at the W2E blockout. There are a few areas at the W2W blockout that are similar but not as bad. ABF and RS foreman were put on notice that this condition is not acceptable and that other bars will likely be added.

File Name:	Sept-28-2009 W2 Cap 003
Date:	09-28-09
By Int:	M Bruce

Description: Rebar placement for the W2E vertical PT blockout done today. As a result of the condition in the previous photo the splice length was too short at the east face. ABF and RS foreman were put on notice that this condition is not acceptable and that other bars will likely be added.



File Name:	Sept-28-2009 W2 Cap 010
Date:	09-28-09
By Int:	M Bruce

Description: Rebar placement at the north end CBT-16 to 22 blockout.

File Name:	Sept-28-2009 W2 Cap 011
Date:	09-28-09
By Int:	M Bruce

Description: The two vertical PT tendons where there was no grout in the drain tube were filled with Simpson Set 22 epoxy. The drain tube filled with epoxy is seen on the left with a foam plug so that the epoxy could cure in place.