

Job Stamp
04-0120F4
SFOBB SAS

Const. Calendar: 548
Project Work Day No.: 758
Date: 06/13/2008
Inspectors Start 07:40 Stop 10:50
Hours 12:00 14:20
Shift Hours 07:00 15:30

ASSISTANT RESIDENT ENGINEER'S CONTRACTOR – ABFJV, Sub RPS

EQUIPMENT AND/OR LABOR:											REMARKS		
Equip. #	NO. MEN	DESCRIPTION (Of Equipment or Labor)	#48 Bar Reinforcing Steel								IDLE OR DOWN	Name	Contractor
1	1	Superintendent	8									Bob Bognus	RPS
2	1	Ironworker Foreman	8									Joe Bell	RPS
3	1	Ironworker Journeyman	8									Tim Greenlee	RPS
4	1	Ironworker	8									Daniel Gomez	RPS
5	1	Ironworker Journeyman	8									Victor Quiroz	RPS
6	1	Ironworker	8									Lucino Ortiz	RPS
2007-1253086	1	HRC Torque Wrench	4								4		RPS
	1	Xtender Machine	8										RPS
	1	Hydraulic Pump	8										RPS

Weather: Partly overcast with cool temperature and slight breezes - Hi 84F Lo 56F (per weather.com forecast)

Description of Operations @ W2 Cap Beam:

ABF

- Continued to build and mobilize on the ground pour number 3, 4 and 5 formwork (posts + cap beam frames).
- Continued preparing formwork between pour 2 construction joint and pour 3 soffit(ceiling).
- Began to remove the styrofoam blockout on the north side of the transverse diaphragm.
- Welded external frame supports to template for W2W-North Hinge K assembly.
- Removed the South Hinge K assembly near W2W to test the Macalloy rods threads see comments below:

Time	Operation
07:40	In the process of removing welds on the template and the support frames.
08:15	Rigged the spreader beam/Hinge K plates. Removed bolts used to connect the "shoes" on the 60mm plate to the internal support frames.
08:20	Removed W2W-South Hinge K assembly from the support frames and lowered onto the working slab.
08:30	Rigging was unhooked from Hinge K plates. Put shims underneath the assembly formwork and began to remove nuts on the front side of the template.
10:00	Approximate time when ABF piledrivers Andy Adam and Jesse Johnassen began testing the threads by running a nut along the stressing end of the Macalloy rod.
14:20	Testing the Macalloy rod threads is completed as no rods need to be replaced in the Hinge K assembly. Two rods needed a wrench to advance the nut along the threads, see David's diary for details.

Additional Notes:

- 1.) I was unable to witness ABF piledrivers removing the template on the stressing end of the Macalloy rods or testing the threads. This was due to the fact that I had to watch the ironworkers installing/preparing the Circular T-Heads for Pamela Gagnier who was sick today. I was able to watch general activities of this operation when I had a chance.
- 2.) See David Chung's diary for details on the testing of the Macalloy rod threads from 12:15 to 14:20, as this was the only time in which a Caltrans engineer witnessed the testing.

RPS

- Continued to "mushroomhead" the vertical #43 bars in the south W2E column cages. I observed the ironworkers perform this operation for 7 vertical bars in the southeast cage. Daniel Gomez heated the vertical bar, then Tim Greenlee installed the Xtender machine over the heated bar while Victor Quiroz operated the hydraulic pump to 8,000psi per the procedure. I was unable to observe the "mushroomheading" operation in the southwest cage due to the coupler installation in the north cages and the W2W-South Hinge-K assembly removal.
- Circular T-Heads were installed on the vertical #43 column rebar at W2E in the following cages; 20 in the northwest, 17 in the northeast, and 3 in the southwest. All torqued couplers that I witnessed were acceptable as the wrench was set to 400lb-ft, two clicks were achieved, and there was a 1/16" to 1/2" visible gap between the male and female coupler sleeve. I used a blue paint pen to mark the date in which the coupler was torqued and the sequence in the particular cage in which it was torqued. Joe Bell was the operator of the torque wrench (Serial No. 2007-253086) and torqued the male coupler. Lucino Ortiz used the wrench on the female coupler.
- Transverse and continuity tendon ducts and #25 hoops were placed back in the north column cages at W2E after the Circular T-Heads were torqued.

Office Work:

- Wrote today's 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:	DSC01978
Date:	06-13-08
By Int:	M Bruce

Description: Photo taken at noon as the W2W-South Hinge-K assembly was placed on the working slab in the morning.

File Name:	DSC01982
Date:	06-13-08
By Int:	M Bruce

Description: Circular T-Head installation at W2E northwest column cage.



File Name:	DSC01986
Date:	06-13-08
By Int:	M Bruce

Description: ABF piledrivers testing the Macalloy rod threads in the afternoon.

File Name:	DSC01997
Date:	06-13-08
By Int:	M Bruce

Description: Vertical #43 column rebar "Mushroomheading" operation.