

Job Stamp
04-0120F4
SFOBB SAS

Const. Calendar: 777
Project Work Day No.: 987
Date: 01/28/2009
Inspectors Start 10:30 Stop 14:40
Hours
Shift Hours 07:00 15:30

ASSISTANT RESIDENT ENGINEER'S **CONTRACTOR – ABFJV, Subs CMC-RS**

Weather: Sunny with mild temperature – Hi 62°F Low 41°F (per weather.com forecast)

Description of Operations @ W2 Cap Beam:

ABF

- Continued to place deviation saddle erection rods with plates and nuts to the pour 6 north rebar.
- Continued to fabricate and install the seismic joint breakout for pour 6 north.
- Began to install bearing plates on the seismic joint breakout forms starting with W-1A, see photo below.
- Resumed cleaning the pour 4 and 5 construction joints from the debris of pour 6 south/north work.
- Surveyors continued to assist RS ironworkers with the layout of the support bars for continuity tendons W-1A to W-41A. Also began to as-built deviation saddle erection rods to be embedded into pour 6 south concrete.

Summary of the current position of the vertical PT tendon bearing plates:

VT	N/S	E/W	Center ?	VT	N/S	E/W	Center ?	VT	N/S	E/W	Center ?	VT	N/S	E/W	Center ?
1	L	N/A	OK	5	NL	N/A	MARG.	9	NL	N/A	OK	13	NL	NL	NO, NW
2	NL	SOL	NO	6	L	NL	MARG.	10	NL	L	MARG.	14	L	N/A	MARG.
3	SOL	N/A	OK	7	L	N/A	OK	11	NL	NL	NO, N	15	N/A	N/A	NO, N
4	SOL	L	MARG.	8	NL	NL	NO, W	12	L	N/A	MARG.	16	N/A	N/A	OK

L = Level, NL = Not Level, SOL = Slightly out of Level, N/A = Couldn't measure due to formwork
MARG. = Marginal, When there is a NO in the Center column the letter after the comma denotes the direction in which the duct is against the bearing plate.

CMC-RS

- Placed ducts for continuity tendons W-1A to W-28A and W-32A to W-41A from the trumpet at the east bulkhead to the W2W Hinge K anchor plates. ABF surveyors checked the ironworkers as they were placing the ducts.
- Began to clean the threads of the male coupler (500/510 HRC) on the #43 transverse bars embedded into the north end of the pour 3 vertical construction joint, see photo below.
- Began to place #43 transverse bars for pour 6 north in between the east end of the cable tie down pipes and the east bulkhead. These bars have the female coupler (500/510 HRC) which will be torqued with the #43 transverse bars embedded into the north end of the pour 3 vertical construction joint.
- Began to tie #43 transverse bars near the south vertical construction joint of pour 3 to facilitate placement of barrier steel couplers.

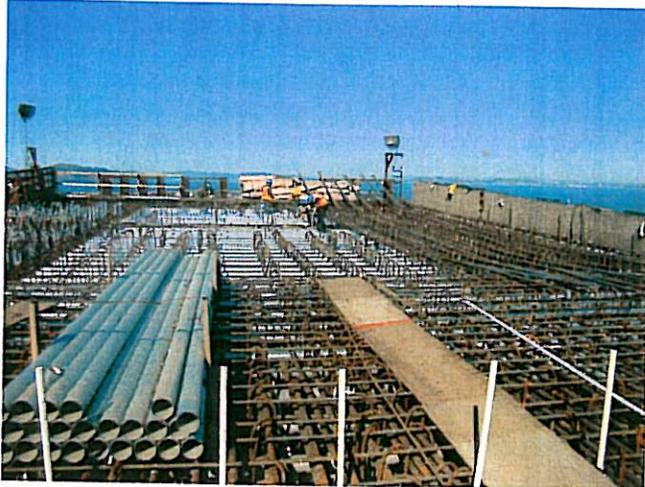
Office work:

- Began to analyze surveying data from Monday.
- Attended meeting with ABF and TY-Lin at 3:15pm regarding the anchor rod locations for Panel A (W2E) of the deviation saddle. ABF engineers Michael Lewis and Levi Gatsos stated that there are no conflicts with installing the deviation saddle base plate or with stressing the anchor rods. Their analysis was done by computing the vectors from the survey numbers in Transmittal 1815R00. TY-Lin analyzed the as-built end anchor rod coordinates from Transmittal 1815R00 and the hole coordinates from Submittal 456R00. TY-Lin designer James Duxbury said that there was 6mm of "bite" on some of the anchor rods with the base plate using this analysis.
- 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

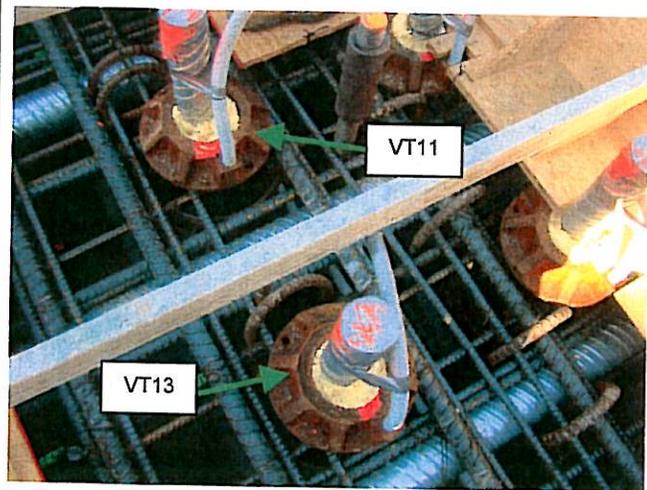
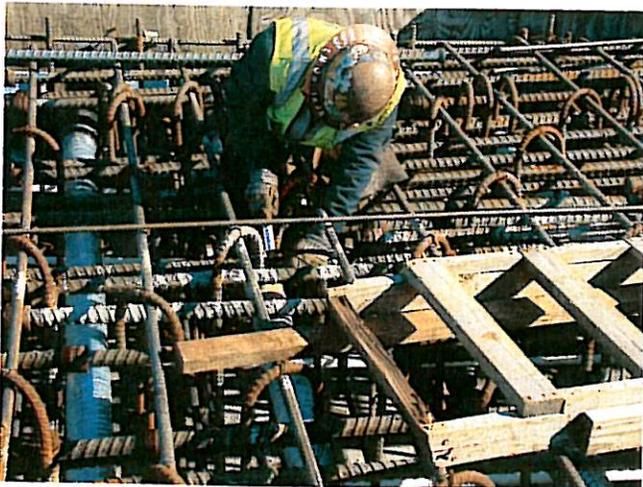


File Name:	Jan-28-2009 W2 Cap 004		
Date:	01-28-09	By Int:	M Bruce

Description: Continuity tendons W-1A to W-28A and W-32A to W-41A duct placement.

File Name:	Jan-28-2009 W2 Cap 005		
Date:	01-28-09	By Int:	M Bruce

Description: ABF piledrivers moving vertical rebar with a come-along to facilitate bearing plate installation.



File Name:	Jan-28-2009 W2 Cap 006		
Date:	01-28-09	By Int:	M Bruce

Description: Regional Steel ironworker cleaning the threads of the male portion of the 500/510 extender series coupler.

File Name:	Jan-28-2009 W2 Cap 007		
Date:	01-28-09	By Int:	M Bruce

Description: Bearing plates near the W2E deviation saddle for VT11 and VT13, which are not level. This issue has been brought to the attention of ABF foreman Nigel Lohse numerous times prior the ironworkers installing rebar around the vertical PT tendon bearing plate/trumpets.