

Job Stamp 04-0120F4 SFOBB SAS
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Const. Calendar:	740		
Project Work Day No.:	950		
Date	12/22/2008		
Inspectors	Start	09:00	Stop 11:30
Hours		12:40	15:00
Shift Hours		07:00	15:30

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

**Weather:** Partly overcast with cold temperature and winds from the west – Hi 50°F Low 38°F  
(per weather.com forecast)

**Description of Operations @ W2 Cap Beam:**

**ABF**

- Removed curing mats placed on the top of the vertical rebar for pour 5.
- Disassembled hoses from the manifolds and PVC cooling pipes used for pour 5.
- Began to blow air through the PVC cooling pipes used for pour 5 thermal control.
- Removed some angle braces connected to the steel formwork near the deviation saddle to facilitate shooting the deviation saddle anchor rods.
- Began to prepare deviation saddle erection rods and place plates used with these rods on the pour 4 construction joint surface.
- Surveyors continued to as-built the deviation saddle anchor rods at W2E and gave the ironworkers layout for the curved portions of continuity tendons E-29A to E-31A.
- Assisted us with coring operations.

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**CMC-RS**

- Continued to place #43 transverse bars near the cable tie down pipes and W2E column cages.
- Resumed installing the #19 formsavers at the east bulkhead.
- Placed #25 hooked horizontal ties along the entire length of pour 6 south.
- Placed #36 transverse east exterior face bars in conjunction with the #25 hooked horizontal ties.
- Placed the curved portion (flexi-duct) for continuity tendons E-29A to E-31A with the assistance of ABF surveyors.

**Office and miscellaneous work:**

- Attended weekly staff (Temp. Towers and Caps) meeting at 8:00am.
- Wrote todays diary.
- Assisted Michael Mifcovic and Jeremy Peterson-Self from Translab with coring three locations on the pour 4 construction joint surface. The elevation at which the cores were taken was 53.587m with a diameter of 75mm for each coring sample. The following is the specifics of each coring sample:

Core Location Number	Core Length (mm)	Largest Crack Width (mm)
1	330	3.00
2	110	0.60
3	290	2.00

There was an additional coring sample taken for compressive strength next to coring sample number 1. This coring sample was 240mm long with no significant cracks and was labeled 04-0120F4, SFOBB-SAS, Pour 4. Jeremy was going to bring this sample back to Sacramento for testing. Caltrans personnel present during the coring were Ron Marin, Ken Beede, Lalit Mathur and Gil Klebanov. The only ABF representative present at the beginning was QC Manager Chuck Kanapicki.

**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

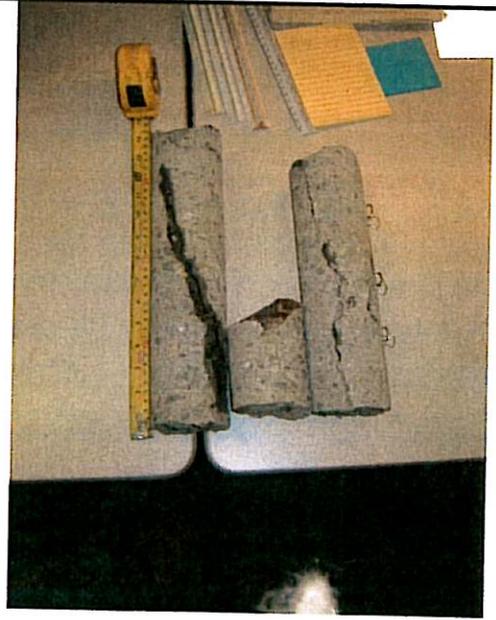


File Name:	Dec-22-2008 W2 Cap 001		
Date:	12-22-08	By Int:	M Bruce
Description:	Coring rig at location number 2 where rebar was reached after 110mm.		

File Name:	Dec-22-2008 W2 Cap 005		
Date:	12-22-08	By Int:	M Bruce
Description:	Ironworkers placing #25 hooked horizontal bars near the W2E cable tie down pipes. Also the curved ducts for E-29A to E-31A are seen in the photo.		



Bottom of the barrel of the coring drill bit.



File Name:	Dec-22-2008 W2 Cap 007		
Date:	12-22-08	By Int:	M Bruce
Description:	Coring at location number 1 as the coring barrel was pushed all the way to the bottom.		

File Name:	Dec-22-2008 W2 Cap 010		
Date:	12-22-08	By Int:	M Bruce
Description:	Three coring samples taken today. Coring location number one is seen on the far left, number 2 in the middle, and number three on the right.		