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STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

Form HC-10A (Rev. 6/80)

Job Stamp
04-0120F4
SFOBB SAS

Const. Calendar: 854
Project Work Day No.: 1064

Date 04/15/2009

Inspectors Hours Start 08:00 Stop 14:30
Shift Hours 07:00 17:00

ASSISTANT RESIDENT ENGINEER'S

CONTRACTOR – ABFJV, Subs SDI and CMC-RS

EQUIPMENT AND/OR LABOR:

Equip. #	NO. MEN	DESCRIPTION (Of Equipment or Labor)	HOURS - ITEM NO. #34 Prestressing Cast-In-Place Concrete (Pier W2)									IDLE OR DOWN	REMARKS Name	Contractor
1	1	Field Superintendent	8										Ralph Craig	SDI
2	1	Ironworker Foreman	8										Erin Jones	SDI
3	1	Ironworker Journeyman	8										Darrin Kurz	SDI
HPU-E- 30-10K-02	1	A-Frame Ram Support										8		SDI
HPU-D-110-3K-02	1	Hydraulic Pumping Unit	8											SDI
SPH.60.3K.06	1	Strand Pushing Unit	8											SDI
CH-820-8-03	1	820 Ton Ram										8		SDI

Weather: Sunny with cool temperature with moderate winds from the west – Hi 62°F Low 43°F (per weather.com forecast)

Description of Operations @ W2 Cap Beam:

ABF

- Continued bushing the horizontal and inclined concrete surface at the W2W vertical PT blockout.
- Began to install ladders fixed to the scaffolds that will facilitate SDI post-tensioning transverse tendons CBT-11 to CBT-22 on the north and south ends of the falsework soffit.
- Continued to remove vertical/battered strongbacks (double channels and tubing) and timber forms (plywood and 4"x6"s) on the the west end of the cap beam.
- Continued stripping the sloped forms (pour 1 base slab) on the east end of the cap beam.
- Continued to clean the bearing plates for the long vertical bars at W2E and chipped the concrete underneath the plates attempting to create a level surface for stressing the bar.
- Completed prying off the 25mm template from the Macalloy rods at the W2W South Hinge K assembly. Also removed the exterior support frame for the 25mm W2W North Hinge K assembly template.
- Began to install ledger beam track to be used for the "A-Frame" on the south end of the cap beam.
- Chipped out excess concerete and cut duct in CBT-35 at the south end of the cap beam.

REC'D '09 MAY-19 #009651

SDI

- Pushed 0.6" 270ksi low relaxation strand in the following transverse tendon ducts:

CBT	Strand Pack/Coil # (# Strands)	CBT	Strand Pack/Coil # (# Strands)
36	71464-1(27)	32	71463-1 (27)
35	71463-2 (24) and 71463-1(3)	31	71463-1 (5) and 71462-2 (22)
34	71464-1(8) and 71461-2 (19)	30	71456-1 (21)
33	71461-2 (16) and 71463-2 (11)	24	71462-2 (13) and 71456-1 (14)

Note: I witnessed this entire operation to track strand placement and address any issues, see comments in the photos below.

CMC-RS

- Continued to place #19 horizontal and vertical reinforcement at the W2E construction joint with the OBG, see Lalit's diary for additional details and labor.

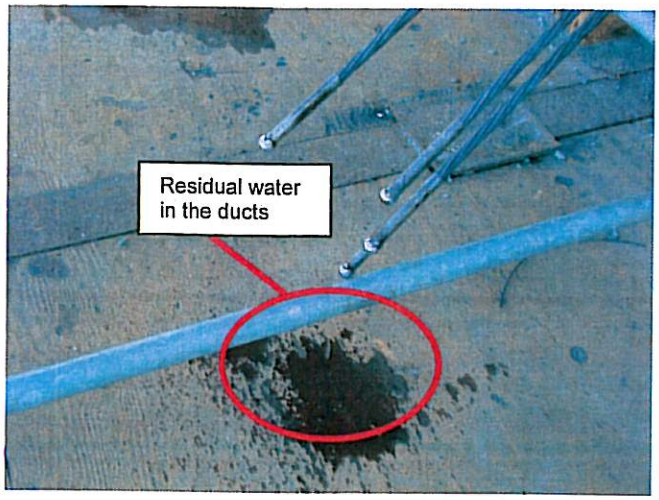
Office work:

- Wrote yesterdays diary.
- Continued to review stressing protocols for W2 transverse tendons CBT-11 to CBT-36.

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:	Apr-15-2009 W2 Cap 008		
Date:	04-15-09	By Int:	M Bruce

Description: Water was seen dripping from the strand bullet after it had been pushed from the south to the north. This condition was found on a majority of the strands pushed today.

File Name:	Apr-15-2009 W2 Cap 009		
Date:	04-15-09	By Int:	M Bruce

Description: Removal of the W2W South Hinge K assembly template.

File Name:	Apr-15-2009 W2 Cap 011		
Date:	04-15-09	By Int:	M Bruce

Description: Strand pack wrapping which is intended to prevent corrosion of the prestressing strands.

File Name:	Apr-15-2009 W2 Cap 013		
Date:	04-15-09	By Int:	M Bruce

Description: Strand packs set on the southwest end of the cap ready for pushing into the transverse tendon ducts. There was no rust found on any of the strand pushed today. The strand packs in the photo are representative of the condition of the steel placed today.