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| Job Stamp 04-0120F4 SFOBB SAS |
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| Const. Calendar: | 688 | |
| Project Work Day No.: | 898 | |
| Date | 10/31/008 | |
| Inspectors | Start 10:40 | Stop 11:10 |
| Hours | 11:40 | 13:30 |
| Shift Hours | 07:00 | 15:30 |

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

Weather: Overcast with cool temperature – Hi 68°F Low 59°F (per weather.com forecast)

Description of Operations @ W2 Cap Beam:

ABF

- Continued placement of PVC water-cooling pipes in the southwest and southeast sloped void form regions.
- Continued cleaning the base slab in the pour 4 area.
- Continued miscellaneous work on tie rods in the pour 4 area.
- Continued to re-route the intake and out-take pipes near the soffit stairs on the west end of the cap beam. Also mobilized manifolds on the median (pour 3) surface adjacent to the edge of the south pour 3 construction joint.
- Sprayed insulating foam on the steel deviation saddle forms at W2E.

CMC-RS

- Continued to place #25 vertical ties (hook on one end and a T-Head on the other) in the sloped void form region.
- Continued to place end skin reinforcement for the north end of the cap near the W2W deviation saddle.
- Began to correct some of the items on my punchlist, see photos and comments below. I looked at the duct placement of CBT-9 to CBT-22 and E-38B to E-42B with the ironworkers. The ironworkers verbally told me that prior to me looking at the ducts they worked on making the duct profile better. Continuity tendons E-38B to E-42B were on the list to be corrected in the horizontal direction and CBT-9 to CBT-22 was not on the list yet. Prior to putting CBT-9 to CBT-22 on the punchlist I verbally told RS foreman Tim Greenlee that I briefly looked at the duct placement for CBT-9 to CBT-22 and it didn't look acceptable. Tim and I agreed to resume looking at duct placement on Monday as I had to go to the E-43 to E-44 cover issue meeting at 2:00pm.

Office work:

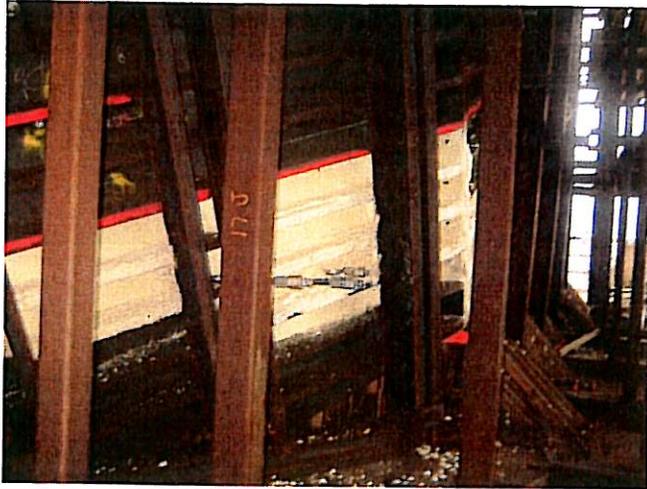
- Attended pre pour meeting with ABF at 10:00am and the attendees included the following people: Gil Klebanov, Pamela Gagnier, David Chung, Chuck Kanapicki, Jim Davidson, Mark MacDonald, Lalit Mathur, Ken Beede and myself. Specifics regarding the concrete placement were discussed such as time, batch plants, rate, curing, personnel, concrete temperature, etc. ABF would not commit to a target temperature at the forms. I mentioned items on my punchlist such as loose trumpets, kinks at the trumpets, missing X-strong pipe for CBT-1 near E-41A, duct profiles in general, bearing plate for CBT-6 being off 5" to the south. Also ABF personnel was shown pages 6-8 of the approved PT installation plan per SDI.
- Attended meeting with ABF and TY-Lin regarding the cover issues related to continuity tendons E-43 and E-44 at 2:00pm. Attendees included James Duxbury, Alex Sanjines, Andrew Baumberger, Jim Davidson, Mike Lewis, Pamela Gagnier, Ron Matin, and myself. The general solution by TY-Lin was to try and move the bearing plate down and alter the spiral or local confining reinforcement. I proposed to increase the cover at the expansion joint blockout, however TY-Lin didn't want to alter the Caltrans designed expansion joint for the YBITS project.
- Continued to investigate the issue and possible solutions with E-43 and E-44 concrete cover.
- Began to write today's diary.

Inspector:

Matt Bruce *Matt Bruce* Transportation Engineer (D)

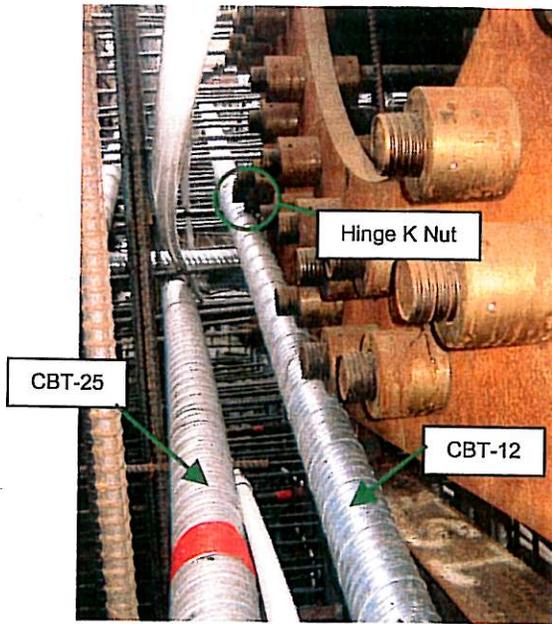
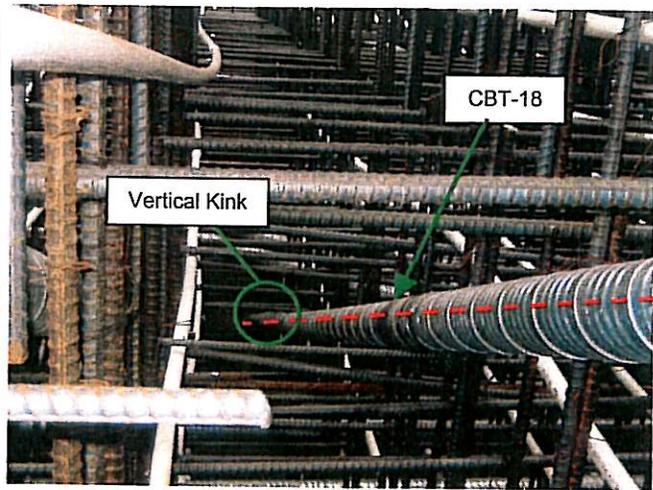
REC'D *08 NOV-18 #007672

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| EA | 04-0120F4 |
| Co-Rte-KP (PM) | SF-080-13.2/13.9 (8.2/8.7) |
| Structure Rep. | Rick Morrow |



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| File Name: | Oct-31-2008 W2 Cap 002 |
| Date: | 10-31-08 |
| By Int: | M Bruce |
| Description: | Foam sprayed on the steel deviation saddle forms at W2E. |

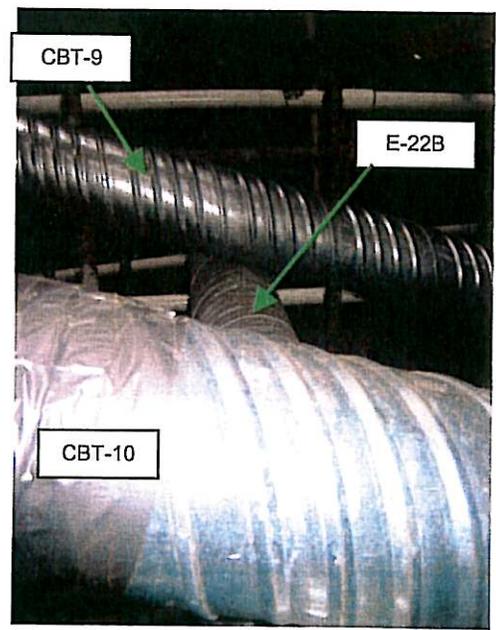
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| File Name: | Oct-31-2008 W2 Cap 004 |
| Date: | 10-31-08 |
| By Int: | M Bruce |
| Description: | Pour 4 progress of rebar/PT placement and the thermal control water cooling system. |



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| File Name: | Oct-31-2008 W2 Cap 008 |
| Date: | 10-31-08 |
| By Int: | M Bruce |
| Description: | Profile of CBT-18 near W2E that still needs to be corrected. As I inspected the ducts the ironworkers fixed most of the things I wanted done. It appears as though they understand what I am looking for regarding PT duct placement. |

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| File Name: | Oct-31-2008 W2 Cap 009 |
| Date: | 10-31-08 |
| By Int: | M Bruce |
| Description: | While inspecting CBT-12 I noticed that a nut from Hinge K was bearing on the rigid duct of CBT-12. |

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| EA | 04-0120F4 |
| Co-Rte-KP (PM) | SF-080-13.2/13.9 (8.2/8.7) |
| Structure Rep. | Rick Morrow |



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| File Name: | Oct-31-2008 W2 Cap 010 |
| Date: | 10-31-08 |
| By Int: | M Bruce |

Description: Photo of CBT-13 near W2E prior to the ironworkers (seen in the photo) fixing the duct profile.

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| File Name: | Oct-31-2008 W2 Cap 011 |
| Date: | 10-31-08 |
| By Int: | M Bruce |

Description: Transverse tendons CBT-9 and CBT-10 ducts bearing directly on continuity tendon E-22B duct. All of the ducts are "locked" in place as I tried to fit my fingers in between the two ducts with no success.



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| File Name: | Oct-31-2008 W2 Cap 013 |
| Date: | 10-31-08 |
| By Int: | M Bruce |

Description: The grout tube saddles need to be sealed better. ABF foreman Nigel Lohse has been told several times to seal these gaps.