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| Job Stamp |
| 04-0120F4 |
| SFOBB SAS |

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|-----------------------|------------|-------|------|-------|
| Const. Calendar: | 419 | | | |
| Project Work Day No.: | 629 | | | |
| Date | 02/05/2008 | | | |
| Inspectors | Start | 06:00 | Stop | 14:20 |
| Hours | | 17:00 | | 21:30 |
| Shift Hours | | 06:00 | | 21:30 |

ASSISTANT RESIDENT ENGINEER'S

CONTRACTOR – ABFJV, Sub RPS & Conco

Weather: Sunny with mild temperature during the day and cold/windy at night - Hi 60 F Lo 47 F
(per weather.com forecast)

Description of Operations @ W2 Cap Beam:

ABF

- Clean-up of forms (picking-up tie wire, vacuuming) in the south 1/3 bottom slab section for today's concrete placement. Also began clean-up work for the north 1/3 bottom slab section.
- Partial crew was watching forms during concrete placement.
- Removed forms and curing mats for Hinge K assembly support slab (near Liebherr crane pads).
- VT 1, 7, 14, & 16 blockouts/bearing plates near W2E were plumbed after adjustments were made.
- Placed curing mats on concrete surface, see pictures below.

CONCO

- Placed approximately 243m³ of concrete for the south 1/3 bottom slab section.
Note: See Art Pannu and Lalit Mathur's diary for operations and concrete testing at the pump. Myself and Seong monitored the concrete placement at the forms checking for concrete quality, consolidation, etc.

RPS

- Fixed #25 formsavers at lower east bikepath blockout before the concrete pour, see sheet 831R1.
- Spirals for VT1-16 were adjusted before the concrete pour.
- Adjusted top pier slab dowels near W2E before the concrete pour.
- Picked up tie wire and did minor work in the north 1/3 bottom slab section.
- Were available during the concrete pour if rebar or PT needed to be tied/adjusted.

Office Work:

- Wrote today's diary.

Inspector:

Matt Bruce Matt Bruce Transportation Engineer (D)

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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 |

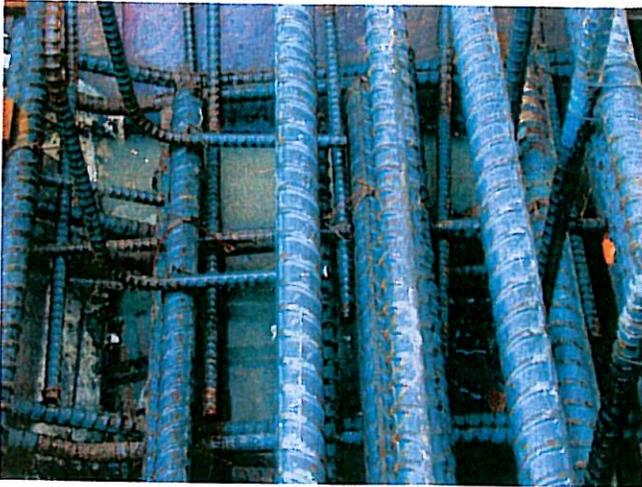


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|------------|----------|
| File Name: | DSC00831 |
| Date: | 02-05-08 |
| By Int: | S Song |

Description: Conco crew onsite at 7:00am as the concrete placement began at 7:30am in the NE rebar cage. Concrete placement began in the cages then proceeded in a counterclockwise direction to the north. Concrete was placed in two lifts.

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| File Name: | DSC00833 |
| Date: | 02-05-08 |
| By Int: | S Song |

Description: Consolidating concrete near and inside the rebar cages.



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| File Name: | DSC00834 |
| Date: | 02-05-08 |
| By Int: | S Song |

Description: Excess water from the top pier slab (SE corner) that was pushed during the concrete placement. ABF vacuumed all excess water from the forms.

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| File Name: | DSC00835 |
| Date: | 02-05-08 |
| By Int: | S Song |

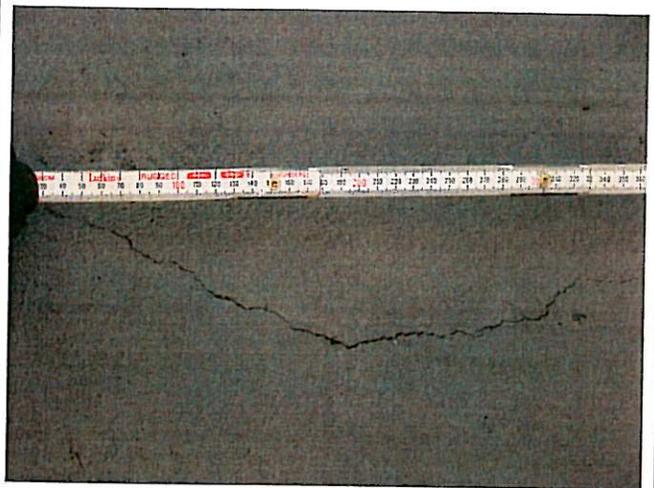
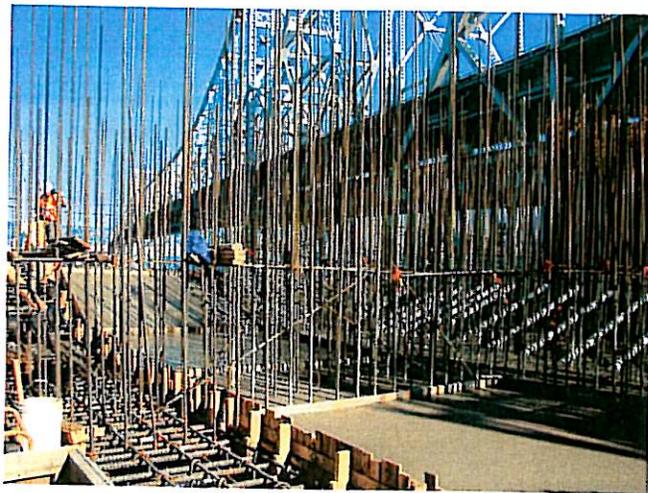
Description: An accident occurred at 8:30am on the existing eastbound SFOBB. Concrete trucks were delayed for approximately 30-40min. The concrete already placed in the forms remained relatively plastic during this time.

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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: | DSC00841 | | |
| Date: | 02-05-08 | By Int: | M Bruce |
| Description: Concrete seeping through the stay form blockout used for the vertical bars in the SW corner. Generally the stay forms retained most of the concrete, no failure in members/connections or excessive deflections in the forms were found. | | | |

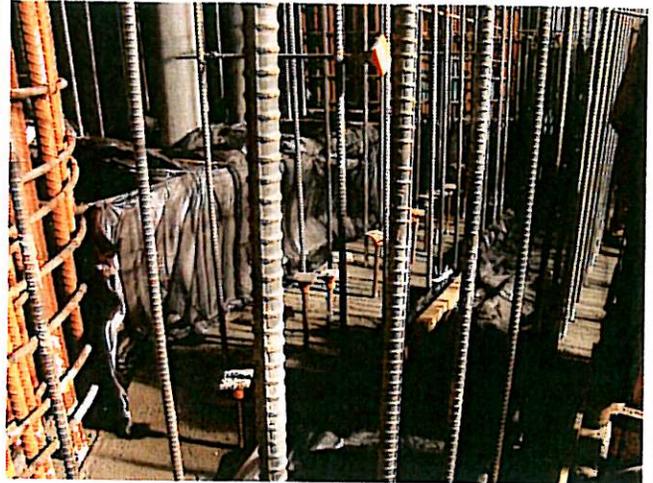
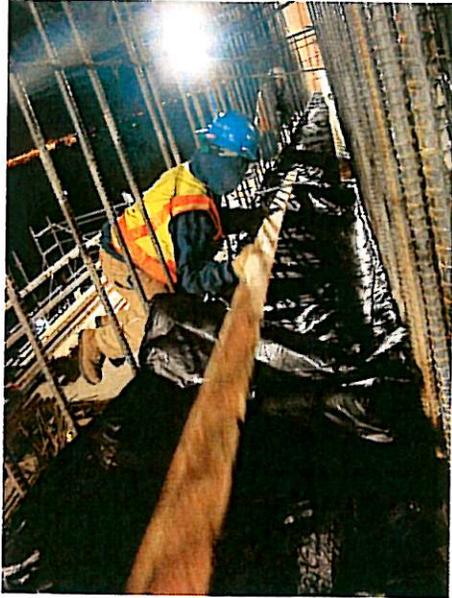
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|--|----------|---------|---------|
| File Name: | DSC00842 | | |
| Date: | 02-05-08 | By Int: | M Bruce |
| Description: Finishing work done near the vertical tendons as the rigid duct wasn't embedded in this pour. | | | |



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|--|----------|---------|--------|
| File Name: | DSC00848 | | |
| Date: | 02-05-08 | By Int: | S Song |
| Description: Concrete placement ended at 2:15pm with no significant problems during this operation. ABF wanted to place excess concrete in the column cage areas, this was not allowed per Caltrans field personnel. ABF or Conco didn't apply a curing compound or water to the exposed concrete surface before the curing mats were placed. They were told to do this per the Special Provisions in addition to what the Thermal Control Plan specified. | | | |

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|---|----------|---------|--------|
| File Name: | DSC00852 | | |
| Date: | 02-05-08 | By Int: | S Song |
| Description: Crack found on the east sloping bulkhead at approximately 5:15pm. The concrete still was not hard enough to walk on at this point. | | | |

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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 |

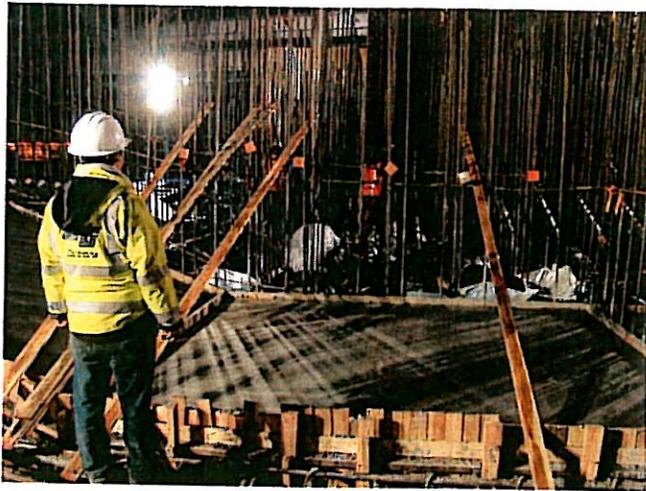


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|------------|----------|---------|--------|
| File Name: | DSC00856 | | |
| Date: | 02-05-08 | By Int: | S Song |

Description: ABF began placing curing mats approximately around 7:00pm with 6 piledrivers.

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|------------|----------|---------|--------|
| File Name: | DSC00857 | | |
| Date: | 02-05-08 | By Int: | S Song |

Description: Curing mats around the L & T-bars on the west side of the W2 cap beam looking east.



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|------------|----------|---------|---------|
| File Name: | DSC00860 | | |
| Date: | 02-05-08 | By Int: | M Bruce |

Description: Approximately half of the curing mats were placed at 9:00pm at which time myself and Seong left the jobsite.

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| File Name: | | | |
| Date: | | By Int: | |

Description: