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| Job Stamp<br>04-0120F4<br>SFOBB SAS |
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|                       |            |       |            |
|-----------------------|------------|-------|------------|
| Const. Calendar:      | 646        |       |            |
| Project Work Day No.: | 846        |       |            |
| Date                  | 09/19/2008 |       |            |
| Inspectors            | Start      | 11:30 | Stop 13:40 |
| Hours                 |            |       |            |
| Shift Hours           | 07:00      |       | 15:30      |

ASSISTANT RESIDENT ENGINEER'S **CONTRACTOR – ABFJV, Subs Patent**

**Weather:** Sunny with mild temperature – Hi 70°F Low 57°F (per weather.com forecast)

**ABF**

- Continued to weld the dead-end transverse sleeve pipe assemblies for CBT-2, 4, 6 and 8 at W2E to the steel deviation saddle forms.
- Continued to install bearing plates for continuity tendons E-1B to E-13B on the west wall.
- Continued to clean debris from stripping the pour 3 north blockout forms.
- Continued to install trumpets at the east bulkhead from E-37B to E-42B and E-1A towards E-42A.
- Continued to prepare gang panel forms for the west vertical face near the deviation saddles.
- Surveyors were conducting a level run for the recently placed control points JA 1000 on the southeast end of pour 3 and JA 1001 on the northeast side of pour 3.
- Removed Rugasol-S from the W2E and W2W vertical bar blockout surface and then reapplied the curing compound. I informed ABF foreman Nigel Lohse that it appeared that more curing compound should be applied to some areas at both blockouts. No cracks were seen on the surface of the concrete thus far.
- The following was the surface temperatures of the concrete taken from 12:00pm to 1:30pm, it should also be noted that the ambient air temperature was 70°F at W2E taken with a mercury thermometer:

| Concrete Temperature (°F) | Location where temperature was taken | Comments      |
|---------------------------|--------------------------------------|---------------|
| 72                        | E-15B                                | Shade         |
| 79                        | E-21B                                | Shade         |
| 81                        | E-24B                                | Partial sun   |
| 82                        | E-28B                                | Partial sun   |
| 78                        | W-15B                                | Partial shade |
| 78                        | W-22B                                | Shade         |
| 76                        | W-29B                                | Shade         |

\* Temperatures were obtained with the Fluke-63 Infrared Thermometer. The Fluke-63 was calibrated the day before and during concrete placement with a mercury thermometer.

**PATENT**

- Constructed scaffolding for the RPS ironworkers to grind the mushroomheads (failed in slip) of the #43 transverse bars on the north end of pour 3, see photo below.

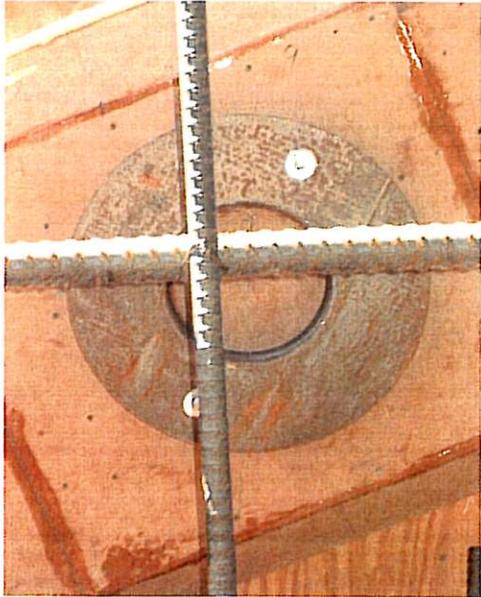
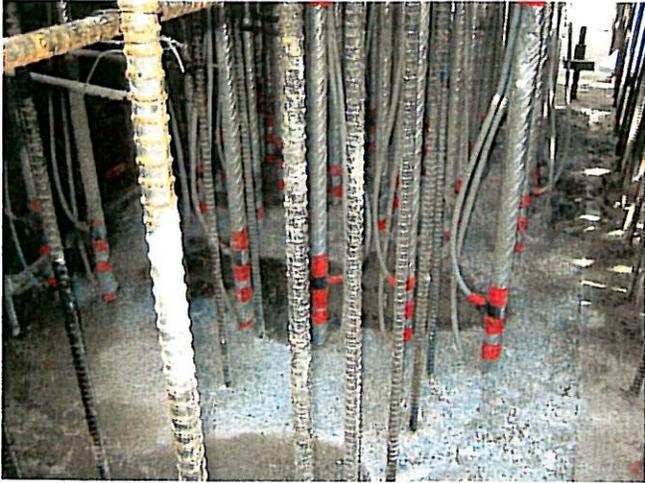
**Office work:**

- Wrote today's diary.
- Prepared notes for a conducting a level run for the control points JA 1000 and JA1001 at the W2 pier. Also reviewed Surveys Manual for tolerances on vertical control.

**Inspector:**

Matt Bruce Matt Bruce Transportation Engineer (D)

REC'D '08 OCT-07 #006958

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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  |  |
|   |  |    |  |
| File Name: Sept-19-2008 W2 Cap 002   |  | File Name: Sept-19-2008 W2 Cap 007   |  |
| Date: 09-19-08   |  | Date: 09-19-08   |  |
| By Int: M Bruce  |  | By Int: M Bruce  |  |
| Description: CBT-1 through CBT-8 blockouts near the W2E pier looking south.  |  | Description: E-2B looking west as some reinforcement will have to be moved to facilitate trumpet/duct installation.                  |  |
|   |  |    |  |
| File Name: Sept-19-2008 W2 Cap 010   |  | File Name: Sept-19-2008 W2 Cap 011   |  |
| Date: 09-19-08   |  | Date: 09-19-08   |  |
| By Int: M Bruce  |  | By Int: M Bruce  |  |
| Description: Photo of the W2W vertical bar blockout looking north. At both blockouts it appeared that curing spray was reapplied after Rugasol-S was cleaned from the surface. The surface was rough as the coarse aggregate was exposed. Also no cracks were seen yet at either blockout. |  | Description: ABF subcontractor Patent installing scaffolding for the ironworkers on the north side of the pour 3 construction joint. |  |