

Job Stamp:
04-SF-80-13.2/13.9 04-0120F4
SFOBB SAS
San Francisco Co. in San Francisco
Fm 0.6 km to 1.3 km East of Yerba Buena
Tunnel East Portal

Report No. 7-day const. cal.: 674
Project work day: 884
Date the Shift Began: 10/17/08
 NIGHTWORK FRIDAY
Shift Hrs Start 7:00 Stop 15:30
Engineer's Hrs Start 7:00 Stop 16:30

46.B

ASSISTANT RESIDENT ENGINEER'S DAILY

BRIDGE

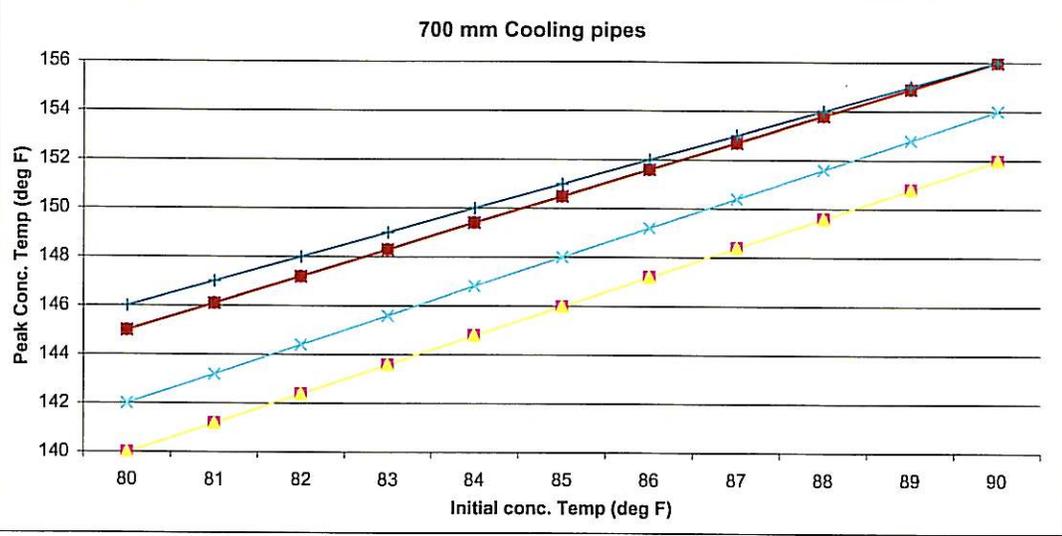
REPORT

| | |
|-----------------------|---------------------|
| Location: W2 Cap Beam | Weather: clear/warm |
| Remark: office work | Hi 79F/Lo 50F |

I did not go out to the field today.
In the office, I started a list of issues to discuss amongst Caltrans, including what cylinders to take, what personnel are available etc. I also performed calculations to interpolate the maximum temperatures at which the concrete is allowed to be initially placed with respect to the ambient temperatures (Thermal Control Plan allows interpolation between their data points). From my understanding, ABF chose to use the 700 mm spacing between their cooling pipes. Therefore, I interpolated for table 13 and 14 for type R-1 insulation. They will most likely use type R-1 insulation.

| HOURS - ITEM NO. | | | | | | | CONTRACTORS | | |
|-------------------------|---------|-------------------------------------|---|-----------------------------|--------------------------------|--|-------------|--------------------------------|-------------|
| ITEM NO. >> | | 34 | 38 | 48 | | | Prime | American Bridge / Fluor JV (P) | |
| | | | | | | | Sub #1 | Regional (1) | |
| | | | | | | | Sub #2 | (2) | |
| | | | | | | | Sub #3 | (3) | |
| | | | | | | | Sub #4 | (4) | |
| | | | | | | | Sub #5 | (5) | |
| EQUIPMENT AND/OR LABOR: | | | | | | | REMARKS | | |
| EQPT. NO. | NO. MEN | DESCRIPTION (Of Equipment or Labor) | Prestressing Cast-In-Place Concrete (Pier W2) | Structural Concrete, Bridge | Bar Reinforcing Steel (Bridge) | | Name | Classification | Prime / Sub |
| | | | RT | RT | RT | | | | |

For ABF equipment/personnel hours, please see Pamela Gagnier's and Lalit Mathur's diaries.



REC'D 08 NOV 04 #007523

| R-1 Surface Insulation | Initial Concrete Temperature | | | | | | | | | | | | | | |
|------------------------|------------------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|--|
| | 50 | 60 | 70 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | |
| 30 | 108 | 118 | 129 | 140 | 141.2 | 142.4 | 143.6 | 144.8 | 146 | 147.2 | 148.4 | 150 | 151 | 152 | |
| 40 | 108 | 118 | 129 | 140 | 141.2 | 142.4 | 143.6 | 144.8 | 146 | 147.2 | 148.4 | 150 | 151 | 152 | |
| 50 | 109 | 118 | 129 | 140 | 141.2 | 142.4 | 143.6 | 144.8 | 146 | 147.2 | 148.4 | 150 | 151 | 152 | |
| 60 | 114 | 122 | 132 | 142 | 143.2 | 144.4 | 145.6 | 146.8 | 148 | 149.2 | 150.4 | 152 | 153 | 154 | |
| 70 | 119 | 126 | 135 | 145 | 146.1 | 147.2 | 148.3 | 149.4 | 150.5 | 151.6 | 152.7 | 154 | 155 | 156 | |
| 80 | 120 | 127 | 135 | 145 | 146.1 | 147.2 | 148.3 | 149.4 | 150.5 | 151.6 | 152.7 | 154 | 155 | 156 | |
| 90 | 122 | 128 | 136 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | |

Materials: 1 hr OT - calculations

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|------------|--------------|
| Insp. Hrs. | |
| REG: 8.0 | INTERMITTENT |
| OT: 1.0 | INSPECTION |

David Chung
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TE/CT
Title