



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:20 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 558 Const Calendar Day: 958 Date: 23-Apr-2012 Monday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature 7 AM 50 - 60 12 PM 60 - 70 4PM 50 - 60

Precipitation 0.00" Condition Partly cloudy

Working Day If no, explain:

Diary:

Dispute

Work description.

- Attended weekly SAS staff meeting at 8:00am.
- Attended a meeting with Paul Jefferson and TY-Lin designer Hyat Tazar regarding surveying the shear keys and bearings at 10:30am. It was agreed that for now the top deck panel points at floorbeams 118, 119, 120 would be surveyed to provide the longitudinal and transverse slopes of the OBG over the E2 cap beam. In addition we promised to provide TY-Lin the survey information of the anchor rod blockouts before the E2 cap beam concrete was placed and the anchor rod template measurements taken.
- Continued to review the plans and submittals (207 and 2505) related to the cable bands. Also continued reviewing the numbers for the cable band layout from submittal 2505R02.
- Continued to prepare equipment for the QA check on the cable band layout. Also continued to work on refining the QA checking techniques to ensure timely/efficient inspection and to be prepared to troubleshoot any problems that may arise in the field during this operation.
- Went to check and see if there was any activity at the Pier 7 warehouse with the cable bands as most of them are still wrapped up with inspection tags fixed on the wrapping. However the west loop cable bands were unwrapped and turned over on it's sides, see photos below for more details. Also went to the field to observe compaction operations on the south sidespan with John Lyons.
- Continued to work with Tai-Lin Liu on learning how to operate and troubleshooting the Mini-Max device that will be used for measuring the elongation of the cable band bolts. Tested the 2" diameter cable band bolt by placing in the freezer (36F) and measuring the change in lengths from room temperature (72F).

Attachment



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ABF ironworkers in the process of compacting the south sidespan cable.



Progress of the compaction machines on the mainspan cables.



View of the north sidespan compaction machine seen from the south sidespan.



Approximately 310 cable band bolts were placed on timber in preparation of initial measurements prior to stressing.



Compacting the sidespan cables seen from the tower saddle.



ABF ironworkers in the process of compacting the south sidespan cable.

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West-loop cable bays in the Pier 7 warehouse mobilized for painting of the interior surfaces.