



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 19-Nov-14

Time 4:59 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 044 Const Calendar Day: 156 Date: 11-Feb-2010 Thursday

Inspector Name: Brignano, Bob Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: 10-Oct-13 Status: Approved

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

Weather

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day If no, explain:

Diary:

Dispute

General Comments

ITEM 53 ERECT STRUCTURAL STEEL (BRIDGE)(TOWER);
ITEM 56 ERECT STRUCTURAL STEEL (BRIDGE)(BOX GIRDER);
IRONWORKER BOLT TRAINING PROGRAM:

The bolt training program is in the "High Strength Bolt Field-Installation & Inspection Plan," Submittal ABF-SUB-001309R01. This is the first bolt training session for the ironworkers. The training session starts at 0715 and is done by 0750. The training is on the temporary platform below the W2 cap beam. There are approximately 15 ironworkers present for this training session. The ironworkers present are from foreman Darryl Webb's and foreman Aaron Kent's crews. ABF superintendents Jerry Kent and Dave Meche are present. ABF engineers Chris Bausone, Sabrina Levine, Daniel Hester, Sara Hansel, Adam Roebuck, and John Callaghan are present. CT engineers Bob Brignano, Tai-Lin Liu, Jason Wilcox, Gil Klebanov, Lalit Mathur, Masoud Madanlou, and Philip He are present. The start of the training session is with ABF engineer Chris Bausone discussing the requirements for bolting, in particular the differences for Metric bolts, with different turn amounts for the L/D ratios and the different tolerance requirements (no minus side tolerance). He also discusses other requirements of the "High Strength Bolt Field-Installation & Inspection Plan," such as bolt storage, snug tightening practice, etc. I discuss the CT inspection with the torque wrench. As part of the training, 2 ironworkers snug and then fully tension (1/2 turn for M22x65 -> L/D = 3.0) one bolt each. I witness torque wrench inspection on the bolts.

