



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 #: 045 Const Calendar Day: 157

Date: 12-Feb-2010 Friday

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 second bolt training session for the ironworkers. The training session starts at 1230 and is done by 1330. The training is in the Pier 7 warehouse -> the training is a late minute scheduled event and happens inside the warehouse because of rain today. There are approximately 15 ironworkers present for this training session. The ironworkers present are from Superintendent Dan Dunn's crews. ABF engineers Chris Bausone, Sabrina Levine, and Sara Hansel are present. CT engineers Bob Brignano and Saman Soheilifard 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. An ironworker asks a question about pulling plies together with a few bolts rather than snug tightening all the bolts in a sequence -> Chris Bausone and I respond that they should snug tighten all the permanent bolts in a proper sequence or use a few temporary black bolts to pull the plies together before snug tightening all the permanent bolts in a proper sequence. As part of the training, 4 ironworkers snug and then fully tension (1/2 turn for M22x80 -> L/D = 3.6) one bolt each. I witness torque wrench inspection on the bolts. Also, one bolt is rocap tested with an additional 1/2 turn.

