



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 10:04 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 065 Const Calendar Day: 252 Date: 18-May-2010 Tuesday

Inspector Name: Brignano, Bob Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

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	12 PM	4 PM
Precipitation			Condition

Working Day If no, explain:

Diary:

Dispute

General Comments

ITEM 52 FURNISH STRUCTURAL STEEL (BRIDGE)(TOWER);
ITEM 55 FURNISH STRUCTURAL STEEL (BRIDGE)(BOX GIRDER);
HIGH STRENGTH FASTENER ASSEMBLY PRE-INSTALLATION TESTING:

For ABF, engineer Chris Bausone is present for testing and Sabrina Levine is present for sampling and testing. For CT, Bob Brignano is present. Today's testing is for rotational capacity, minimum tension verification, and inspection torque. Work happens at Bolt Testing Conex ABF ID 002079 with Skidmore Model HT 4000 ABF ID 000612 in the warehouse. Sampling rocap lots is 1145 to 1215. Testing is 1300 to 1500. Seven rocap lots are tested. Six of those rocap lots pass - see below for the issue with the seventh rocap lot.

Rocap lot DHGM240113 has one of five bolts break. The other 4 bolt assemblies pass the rocap test. The broken bolt is after 355 degrees of rotation (versus specified 360 degrees of rotation) and is with a clamping force greater than required for the final rocap rotation. There is no resolution of this issue today - see 5/21/10 diary for additional testing and resolution of the status of this rocap lot.

See the attached Bolt Test Form for details of the testing.

