



**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 033 Const Calendar Day: 106 Date: 23-Dec-2009 Wednesday

Inspector Name: Brignano, Bob Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: 24-Dec-09 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 52 FURNISH STRUCTURAL STEEL (BRIDGE)(TOWER);  
 ITEM 55 FURNISH STRUCTURAL STEEL (BRIDGE)(BOX GIRDER);  
 HIGH STRENGTH FASTENER ASSEMBLY PRE-INSTALLATION TESTING:

At Pier 7 Warehouse, test rotational capacity, minimum tension verification, and inspection torque for high strength bolts. These bolts are for OBG field bolting. Caltrans witnessing of bolt testing is by Saman Soheili.

Nine (9) lots are tested today. They are M24x70 and M24x95 A325M mechanically galvanized. The LeJeune Lot numbers are DHGM240036, DHGM240045, DHGM240046, DHGM240047, DHGM240082, DHGM240050, DHGM240051, DHGM240052, and DHGM240053. For each lot, five (5) assemblies are tested, except as noted below.

During testing of the 5th lot for the day, there is a computer controller malfunction. The computer did not tell the Skidmore to stop turning the bolt. By the time ABF realized that there was a malfunction, the bolt had been turned much more than the rocap test procedure called for and the bolt broke. Another assembly was tested to take the place of this assembly for which there was a testing error.

Equipment = Bolt Testing Conex ABF ID 002079 and Skidmore Model HT 4000 ABF ID 000612.

For ABF, engineers Chris Bausone and Sabrina Levine are present.

Testing is from 0800 to 1200 in the morning for 4 hours.

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