



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:08 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 1035 Const Calendar Day: 608 Date: 02-Feb-2014 Sunday

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 4PM
Precipitation Condition showers / occasional rain

Working Day [checked] If no, explain:

Diary:

Dispute

General Comments

CCO 314, SAMPLING AND TESTING A354 GRADE BD MATERIAL:



Today is a non-tensioning day at the Townsend Test (Test IV) test rigs. There is no work in the field on this operation today by ABF. Four rods (TR #5 through #8) are under load.

VGO (Rob Rutledge) is working offsite today to produce morning and evening data reports.

I periodically check during the day at the test rigs for broken rods or water leaks. There are no broken rods today. There are water leak issues. TR 5 and TR 6 have continued leaks that are slow drips. These are manageable with the float valves with intermediate tanks and siphon hoses. I pumped water from SWPPP containments at TR's 5 and 6 to prevent them from overflowing.

With the rain and wind overnight and today, the tents over the remaining test rigs under load - tent for TR's 5 and 6 and tent for TR's 7 and 8 - have some issues. Parts of the tents are flapping around in the wind. The tent end pieces flap into the test rigs at all 4 locations. I tie them tighter and secure them with more sandbags. This is an issue because the Acoustic Emissions (AE) monitoring picks up increased activity at some test rigs today, particularly TR 7, but it may just be the wind and rain instead of the crack initiation that the AE is supposed to be detecting.

TR 8 Wet Chamber Samples:

Approximately 1300 today, I take water samples per the DJV's request from the TR 8 wet chamber, prior to the planned Monday 2/3/2014 morning pulling of the rod to failure. The water samples are provided to the DJV. Below are the pH values from those samples:

TR 8 sample from the top half (first sample - sample provided in jar to DJV):

- 0-14 paper = 6
4-7 paper = 5.3
6.5-10.0 paper = <6.5

TR 8 sample from the bottom half (second sample - sample provided in jar to DJV):

- 0-14 paper = 5
4-7 paper = 5.3
6.5-10.0 paper = <6.5

INSPECTOR OT REMARK:



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Job Name: 04-0120F4

Inspector Name Brignano, Bob

Diary #: 1035

Date: 02-Feb-2014

Sunday

Field 4 hours: I am at work periodically between 0700 and 1900, but it is not continuous work - I work and charge 4 hours of OT. The OT work is Sunday periodically checking the CCO 314 Test Rigs for broken rods and water leaks and also addressing wind issues at the tents over the test rigs. Per the DJV requirement, I also pull water samples from TR 8 today prior to tomorrow morning's scheduled pulling of the rod to failure.