



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 6:58 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 1137 Const Calendar Day: 710 Date: 15-May-2014 Thursday

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 clear

Working Day [checked] If no, explain:

Diary:

Dispute

General Comments

CCO 314, SAMPLING AND TESTING A354 GRADE BD MATERIAL:



ABF Engineer Kelvin Chen is working part time in the field and office on CCO 314.

There is work in the field on setup of TR's 14-17. Crews at the Pier 7 warehouse area are working an 8-hour shift 0600 through 1430. Laborer Carlos (Pedro) Garcia works all day on CCO 314. Ironworker Jared Garrett works all day on CCO 314.

At the start of the day, the ironworker continues moving pallets with the 300-ton jacks to the south end of the test rigs where they will be installed at a later date. Then he gets the long hydraulic hoses and manifolds that will be needed to connect to the in and out valves of all 8 jacks that will be used in TR's 14-17. The hoses need to run out from under the traffic plates to a point south of the TR's where the hydraulic pump can be wheeled on the jacking days and connected to the hoses. He also cleans the fittings of the hoses and manifolds.

The laborer starts the day by general cleaning around the test rigs area. Then, the laborer starts work cleaning the 300-gallon poly tanks that will be used for the NaCl Solution reservoirs for the test rig wet chambers. The two previously used poly tanks from TR's 12 & 13 have a few inches of old NaCl Solution at the bottom that needs to be pumped out, vacuumed out, and then rinsed out several times with new water. He also cleans out the 2 new poly tanks to verify they are clean. Then, later in the day, the laborer starts work to reinforce wood pallets that will be used to elevate the 300-gallon tanks above the TR's (will set on k-rail and will be at sufficient height to gravity feed NaCl Solution into the TR wet chambers). This work on the pallets includes adding sides and visqueen for SWPPP containment.

Note that the 2 SWPPP containments built today for the 300 gallon tanks do fit the tanks but they do not fit the valves that come off the bottom of the tanks and will be used to supply NaCl Solution to the test rig wet chambers. It appears that some of today's work will need to be rebuilt to accommodate the full system. A check is needed first thing in the morning tomorrow before work continues on the next 2 SWPPP containments.

After getting and cleaning hydraulic hoses and manifolds for the jacks, the ironworker moves 8 of the CT-bought 10' k-rail from where they were previously located to the north of the test rigs to the south of the test rigs. These k-rail used previously in TR's 5-13 to the north of TR's 1-4 were stored in that area after completion of work at TR's 5-13, but they will be needed next to the south of TR's 14-17 (previously TR's 1-4). They are moved today so that they are located at the south end of the TR's before the CT-METS and VGO wire runs are in place so that those wire runs will not be run over by a forklift. The ironworker also

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moves other materials around the area to the south of the TR's in anticipation of upcoming work on the TR's – move materials that will be needed to areas where they are easier accessed.

A 7kW generator – Whisperwatt 7000 – ABF ID 002343 is used at the test rig work area for most of the day by the laborer. A 40kW generator – MQ Power 40 – ABF ID is on idle/standby at the test rig work area. A Hydraulic Pump for running the jacks is on idle/standby at the test rig work area. An oxyacetylene torch is on idle/standby at the test rig work area. A compressor – IR P185 ABF ID 000002 is on idle/standby at the test rig work area. A Kubota Cart is in use today by the laborer. An extendable forklift and small (CAT) forklift are used at different times today.

Note that there is k-rail at this work area. Some of the k-rail is rented and addressed by the rental agreement. Some of the k-rail is ABF's k-rail used on site and paid as rented from ABF on a daily basis. To elevate the k-rail, crane mats and timber blocking (12x12's) are in use. The k-rail quantities are as follows:

10' bought k-rail = 20 pieces

20' rented k-rail = 10 pieces

20' ABF k-rail = 6 pieces

The tabulation of the 20' ABF k-rail is as follows:

Two (2) 20' ABF k-rail at the north end of TR 17.

Two (2) 20' ABF k-rail at the north end of TR 16.

One (1) 20' ABF k-rail at TR 15 (longitudinal running).

One (1) 20' ABF k-rail at TR 14 (longitudinal running).

The agreed extra work with ABF is as follows:

Laborer Carlos (Pedro) Garcia - 8 hrs

Ironworker Jared Garrett - 8 hrs

Radios (2 radios) - 16 hrs

7kW Generator - 8 hrs

Kubota Cart - 8 hrs

Small Forklift - 4 hrs

k-rail: 6 pcs @20'

Crane Mats (12x12 - 5'x16') - 2 pcs

Crane Mats (12x12 - 5'x7') - 8 pcs

See the attached Extra Work Order - Signed with ABF for CCO 314 work

INSPECTOR OT REMARK:

Field and Office 2 hours: ABF's shift is 0600 to 1430. I travel to Sacramento starting at approximately 0930 and return to the Bay Area at approximately 1530 – I am in Sacramento to give a presentation at the CT OSC BCE Meeting. I am then in the field and office to 1630, to check the status of today's work on the test rigs, determine if there are any field issues that need to be addressed tomorrow with today's work, add address several CCO 314 issues with CT-METS and the DJV. My shift is 0600 to 1630 and my OT hours are 1430 to 1630.