



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:26 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 733 Const Calendar Day: 306 Date: 06-Apr-2013 Saturday

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 overcast/cloudy, with light drizzle am.

Working Day [checked] If no, explain:

Diary:

Dispute

General Comments

ITEM 67, ERECT PWS CABLE SYSTEM;
WPP8/EPP8 HANDROPE ANCHOR PLATES:



There is work in the field today to address a punchlist item on the orientation and location of the PP8 anchorplates for the handrope and messenger cable. The need to orient these handrope anchor plates correctly was confirmed in the response to ABF-RFI-003246R00. By the end of today, all but 1 plate was addressed. The plate that was not addressed today will be addressed tomorrow.

For this operation part time are Superintendent Scott Smith and Engineer Ankur Singh. The ironworkers on this operation are Lonny Candelaria and Zach MacDonald at the start at about 0930, with ironworkers Kelly Tull (foreman) and Matt Cochran joining the work at about 1030, and ironworker Marcel starting on this operation about 1100. The work of the ironworkers prior to starting this operation is not inspected by me and is inspected by others. The ironworkers use a manlift JLG Lift 477-10-5024, ABF ID 002291 at the start of the operation. They get a second manlift about 1100 after the other ironworkers joined the operation - Gene S-125, ID 10026318. Today's work is an 8 hour Saturday 1.5x OT shift, with work stopping at 1500 for 1530 end shift off site.

Ankur called me about 0900 to say the work would start in about a half hour. The operation does start about 0930 at WPP8. A messenger cable (interior only) is de-tensioned and the bottom interior anchor plate at WPP8 is removed. Note that the upper anchor plates at WPP8 for the handrope are ok with no work needed. Then a messenger cable (interior only) is de-tensioned at EPP8 and the bottom interior anchor plate at EPP8 is removed. Then the other messenger cable (exterior) at WPP8 is detensioned and the anchor plate is removed. The bottom interior anchor plate at EPP8 is flipped, with thread locking compound used on the snug tight bolt threads (note, shoulder bolt, with shoulder bearing on cable band surface). The EPP8 interior messenger cable is re-tensioned and the tension is checked, with ABF Enginer Ankur Singh and I verifying that the correct tension is achieved. Then, prior to de-tensioning handropes for removing the upper anchor plates at EPP8, the EPP10 stanchion is tied back with come-alongs. This was the status of work at WPP8/EPP8 at 1300. The rest of the afternoon portion of the work (after 1300) is inspected by Abbas Iranmanesh. By the end of the shift (1500 stop work for 1530 end shift) the following is the status of this work on the anchor plates:

WPP8 Upper Anchor Plates for Handropes – no work was necessary; they were correct.

WPP8, Lower Anchor Plates for Messenger Cables – both the interior and exterior anchor plates were removed and replaced with the correct anchor plates (from EPP8, upper) in the correct orientation.

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Brignano, Bob

Diary #: 733

Date: 06-Apr-2013

Saturday

EPP8, Upper Anchor Plates for Handropes – both the interior and exterior anchor plates were removed and replaced with the correct anchor plates (from WPP8 lower) in the correct orientation.

EPP8, Lower Anchor Plates for Messenger Cables – the interior anchor plate was removed and flipped. The exterior anchor plate still needs to be removed and flipped, with this scheduled for tomorrow (Sunday 4/7/2013).

ASTM A354 GRADE BD MATERIAL - FIELD INSPECTION:

Per direction from management, we are inspecting the A354 Grade BD material on the bridge to confirm that there are no broken bolts/rods and look for any issues with the rods/bolts. For the cable/saddle items, in the morning, Doug Wright, Laraine Woo, and Abbas Iranmanesh inspect the PWS anchor rods. Then, in the afternoon at the tower saddle (1300~1500, including time to get to the tower top and back down), inspection is by Bob Brignano (tower saddle turned rods for the tower saddle segment splices), Doug Wright (tower saddle tie rods), and Laraine Woo (tower saddle to tower grillage anchor bolts). We inspect for any visual issues and also put hands on all the nuts or bolt heads that are accessible. The inspection checklists are in a separate package for all the A354 Grade BD material inspections.

INSPECTOR OT REMARK:

Field and Office 8 hours: A354 Grade BD meeting for planning inspection (0800~0900). Inspect PP8 handrope anchor plates operations in the morning (0930~1300). Inspect A354 Grade BD material in the afternoon at the tower saddle (1300~1500). Office first thing in the morning and late in the afternoon to create and compile summary and inspection documentation.