



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 6:36 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 297 Const Calendar Day: 513 Date: 30-Oct-2013 Wednesday

Inspector Name: Altamirano, Victor 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

Working Day [checked] If no, explain:

Diary:

Dispute

Work description.

Inspector: Victor Altamirano (10 hours total including 2 hours overtime)
Date: 103013

Location: West of OTD building test area

Weather: 50 Degrees / partly sunny with some clouds

Field Work -

A worker was drilling anchor rod holes for 1" anchor rods at footing # 10. A laborer was cutting up the second formwork layer that will be nailed to the top of the already installed formwork adjacent to the test rig feet's. The form work will be used to grout inside. Another iron worker was installing nuts on test rig # 6. Informed ABF that the only nuts allowed on the 1" anchor rods are the galvanized nuts that came with the 1" anchor rods and not anything else. ABF agreed to install the correct galvanized nuts on the anchor rods. Note that a shipment of 150 nuts arrived today and more nuts and anchor rods was ordered to accommodate test rigs 5 - 11.

A worker was drilling holes in footing # 10 and another was installing plate washers / nuts on anchor rods at test rig # 7. This was ongoing through most of the day. I observed the laborer vacuuming at test rig # 8 adjacent to the formwork. A small black compressor was used to clean out the test rig area.

I confirmed that the anchor rod holes at test rig footings # 10 & 11 met the 8" minimum depth. Just before lunch the laborer was forming the second layer of formwork at test rig # 7. An iron worker was cutting unneeded anchor rod stick-out at test rig # 8.

I observed that some of the nuts were wrench tight in one of the test rigs. I informed ABF engineer to loosen the nuts. I indicated that the nuts are to be tightened after the grout is poured and cured. Workers loosened the nuts and there were no further issues.

I observed an iron worker also vacuuming anchor rod holes for guide angles at test rig # 10. A worker was installing rods on test rig # 9 -11. The iron worker was spacing the guide angles to fit the width of each jacking beam. Another worker was installing washers at test rig # 9. The laborer was forming the second layer of formwork at test rig # 8.

1420 hours: I confirmed that all anchor rod holes for each guide angle are completed and meets the 8" minimum depth for test rig # 5 -11.

1608: An iron worker completed applying epoxy on anchor rod holes at footing # 10 and was working at footing # 9. Note that epoxy was being injected while the guide angles were being supported by 2x4 to provide workers sufficient access to inject epoxy into anchor rod holes.

1619: Finished applying epoxy at footing # 9 and moved to # 8.

At footing # 7, one anchor rod hole would need to be drilled with a larger drill bit (1 3/8") before getting epoxy in hole. Workers were not able to move rod up and/or down prior to epoxy injection. Moving rod up and down was needed to ensure sufficient amount of epoxy is provided along the embedment length of the rod hole. The workers removed the guide angles and rods and re-drilled a larger hole. After the hole was re-drilled, workers re-installed the guide angle and rods on timber supports and the all rods were easily



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moved up and down. Workers epoxy the hole with no issues.
 1644: A worker was installing plate washers at test rig # 11 and cutting unneeded anchor rod stick-out. The other worker was providing epoxy in anchor rod holes at footing # 8 for guide angles. The laborer continued applying caulking along formwork at test rig # 5 and 6.
 1650 – 1705: A worker was working on providing epoxy to rod holes at test rig # 7. Outstanding rod holes for guide angles were at test rigs 5, 6 and 11.
 Office Work -
 I finalized diaries.
 Equipment -
 3 radios for 24 regular hours and 6 OT hours.
 1 Kubota for 8 regular hour and 2 OT hours.
 2HP 55 CFM @ 90psi Air Compressor for 8 regular hour and 2 OT hours.
 1 Vacuum cleaner for 8 regular hours and 2 OT hours.
 2 Drills each for 16 regular hours and 4 OT hours.
 1 Grinder for 8 regular hours and 2 OT hours.
 One 110 KW Generator for 8 regular hours and 2 OT hours.

 20' K-rail (27 k-rails were being rented for the Department)
 10' k-rail (8 k-rails were being rented for the Department)
 Ten (10) total 12"x12" crane mats that were 5'x16' each.

 ABF engineer: K. Chen (5 hours regular time)

CCO-314 Bid Item: 001 0-RRR-EFA.314 E2 Remove, Replace & Test Rods
 AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Semi-Skilled Laborer	JNM	CARLOS GARCIA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	ROBERT MARTELL	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	BARRY ROTHMAN	8.00	2.00	0.00	10.00		<input type="checkbox"/>

Attachment



The second layer of formwork was placed around test rig feet's for grouting.



Epoxy curing after it was applied at anchor rods holes for guide angles.

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Top blue nuts were mistakenly installed at test rig # 5. These nuts are not made for the 1" anchor rods.