



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:51 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 821 Const Calendar Day: 309 Date: 09-Apr-2013 Tuesday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 03:30 pm Break: 00:30 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 50 - 60 12 PM 60 - 70 4PM 60 - 70

Precipitation 0.00"

Condition Mostly sunny w/strong AM winds

Working Day [] If no, explain:

Diary:

Dispute

Work description.

- Performed an additional inspection to double check the tower foundation anchor rods which need to be resolved either by other corrective means or by an RFI. The following is a list of the outstanding rods identified over the last week and verified yesterday which need to be addressed:

// Tower Anchor Rods that need to be Resolved with other methods or RFI //

Table with 2 columns: Rod ID, Status of Anchor Rod. Rows include b2 (W) 01, S80, W13, W60, W61, W73, W75, E09, E56, E72.

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 821

Date: 09-Apr-2013

Tuesday

destressed to remove the nut and clean rod/nut threads

// Tower Anchor Rods that are recommended to check once more to verify load //

Rod ID	Status of Anchor Rod
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N36-38	Check load/pressure in this set of rods since 8 cycles were run to lock the nut on rod N37
N49-51	Check load/pressure in this set of rods since 7 cycles were run to lock the nut on rod N50
N55-57	Check load/pressure in this set of rods since 5 cycles were run to lock the nut on rod N57
W42-44	Check load/pressure in this set of rods
S42-44	Check load/pressure in this set of rods since 4 cycles were run to lock the nut on rod S42
E55-57	Check load/pressure in this set of rods since 4 cycles were run to lock the nut on rod E56

Discussed this list of unresolved tower anchor rods with Mohammed Awal, also gave him a copy of the elongation summary sheets for each tower anchor rod. This list presented above will be given to ABF engineer Andre Markarian to resolve. It appears that the main issue while verifying the Pjack load in the tower anchor rods was bad threads on either the rod/nut preventing the load to be locked off in the anchor rods. Rust on the anchor rod and or the load applied to the anchor rod due to tower pullback/load transfer may have contributed to the nut being stuck on the anchor rod threads.