



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 10:38 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 574 Const Calendar Day: 147 Date: 29-Oct-2012 Monday

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 am, clear pm

Working Day If no, explain:

Diary:

Dispute

General Comments

ITEM 64, INSTALL STRUCTURAL STEEL (BRIDGE) (PIPE BEAM) (HINGE AW & AE);
HINGE A HPB'S INSTALL, HPB'S ALIGNMENT:



The work at Hinge A is primarily inspected by others. I also have the following observations on the work at Hinge A:

In the morning, before the thermal gradient pushes down the aligned SAS and Skyway into the temporary tower under Hinge A Skyway, ABF ironworkers remove the temporary shims under the Skyway. This is so that the shims and temporary tower will not restrict the movement of the SAS and Skyway due to thermal gradient effects. A few inches of clearance is created under the Skyway for when it is positioned at PGL to give it room to move a few inches below PGL (the shims were set for the Skyway to be positioned at PGL). The ironworkers have to climb around the drop-in piece (lower SAS OBG section to be bolted under the HPB's after they are installed) that is sitting on the western portions of the W-Line and E-Line temporary towers.

In the afternoon, ABF ironworkers prepare for aligning the HPB's. This work involves making adjustments to the supports below the rollers in the Skyway and SAS so that they can be jacked up to adjust the alignments of the HPB's.

ABF Engineers Eric Blue and Andre Markarian check the E-Line HPB's positions in the morning.

