



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:47 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 050 Const Calendar Day: 195 Date: 22-Mar-2010 Monday

Inspector Name: He, Philip Title: Transportation Engineer

Inspection Type:

Shift Hours: 06:30 am 05:00 pm Break: Over Time:

Federal ID:

Location:

Reviewer: Liu, Tai-Lin Approved Date: 14-Apr-10 Status: Approved

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:

04-0120F4 Bid Item: 056 W-L02-OBG.056 W Line Lift 02 OBG Erect structural steel (bridge box girder)
AMERICAN BRIDGE/FLUOR, A JV

Diary:

Dispute

Work description. 056 W-L02-OBG.056

[checkbox]

- 1. Pushing OBG Lift L2W.
A. Gap between L1W and L2W was 1000 mm.
B. Obra's Group worked to pull 2 OBG Lifts together, to make sure the two OBG Lifts fit well. Darryl's group worked inside the OBG using high strength bar and jack to pull.
2. Prepare the splice welding.
A. Welding group grind the backing bar for the weld splicing before the gap between L1W and L2W closed so that the backing bar can be dropped in under the deck.
3. Adjusting OBG Lift L2W.
A. 2 surveyors worked on top of the deck to adjust the OBG.
B. Jacking up L2W to do the adjusting. Pedestal heights for each support are in the attached document in this diary.

Jacking pressure of OBG Lift L2W
=====;

Table with 3 columns: Support Location, Jack Number, Jacking Pressure (Stable Pressure). Rows: NW: 25 2200 psi, NE: 31 2000 psi, SW: 22 2450 psi, SE: 33 2450 psi

- 4. Disengage the push frame to L2W cradle frame.
5. "E" Line OBG Lifts are partially jacked to fit the crossbeam. Not all supports are jacked.

Jacking Pressure for OBG Lifts:

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Job Name: 04-0120F4

Inspector Name He, Philip

Diary #: 050

Date: 22-Mar-2010

Monday

L1E (North Side Supports Only):

NE: 3550 psi

NW: 5300 psi

L2E (North Side Supports Only):

NE: 2350 psi

NW: 2200 psi

L3E (North West Support Only):

NW: 3300 psi

### Attachment



Wedge welded to pedestal to redirect the pushing direction of the cradle frame



The Gap Between L1W and L2W was 1100mm



Closing the Gap between L1W and L2W



Gridding the backing bar for the Splicing Weld

## Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name He, Philip

Diary #: 050

Date: 22-Mar-2010

Monday



Disengage the Push Frame to the Cradle Frame of L2W



Gridding the backing bar for the Splicing Weld



Wedge welded to pedestal to redirect the pushing direction of the cradle frame



Gap Closed with Backing Bar in Place



Closing the Gap



Wedge welded to pedestal to redirect the pushing direction of the cradle frame