



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 5:52 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 074 Const Calendar Day: 239 Date: 05-May-2010 Wednesday

Inspector Name: Mathur, Lalit Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 06:30 am 05:00 pm Break: Over Time: 02:00

Federal ID:

Location:

Reviewer: Jefferson, Paul Approved Date: 07-Jul-11 Status: Approved

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature 7 AM 50 - 60 12 PM 50 - 60 4PM 50 - 60

Precipitation 0 Condition

Working Day If no, explain:

04-0120F4	Bid Item: 056	E-L01-OBG.056	E Line Lift 01 OBG Erect structural steel
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	W-L01-OBG.056	W Line Lift 01 OBG Erect structural steel (bridge box girder)
AMERICAN BRIDGE/FLUOR, A JV			
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			
04-0120F4	Bid Item: 056	W-L03-OBG.056	W Line Lift 03 OBG Erect structural steel (bridge box girder)
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	W-L04-OBG.056	W Line Lift 04 OBG Erect structural steel (bridge box girder)
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	W-L05-OBG.056	W Line Lift 05 OBG Erect structural steel (bridge box girder)
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	W-L06-OBG.056	W Line Lift 06 OBG Erect structural steel (bridge box girder)
AMERICAN BRIDGE/FLUOR, A JV			



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Job Name: 04-0120F4

Inspector Name Mathur, Lalit

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04-0120F4 Bid Item: 056 E-L02-OBG.056 E Line Lift 02 OBG Erect structural steel
AMERICAN BRIDGE/FLUOR, A JV

04-0120F4 Bid Item: 056 W-L08-OBG.056 W Line Lift 08 OBG Erect structural steel (bridge box girder)
AMERICAN BRIDGE/FLUOR, A JV

04-0120F4 Bid Item: 056 X-L02-CBM.056 E-W Line Cross Over Lift 02 Cross Beam
AMERICAN BRIDGE/FLUOR, A JV

04-0120F4 Bid Item: 056 X-L03-CBM.056 E-W Line Cross Over Lift 03 Cross Beam
AMERICAN BRIDGE/FLUOR, A JV

04-0120F4 Bid Item: 056 E-L03-OBG.056 E Line Lift 03 OBG Erect structural steel
AMERICAN BRIDGE/FLUOR, A JV

04-0120F4 Bid Item: 056 X-L04-CBM.056 E-W Line Cross Over Lift 04 Cross Beam
AMERICAN BRIDGE/FLUOR, A JV

04-0120F4 Bid Item: 056 X-L05-CBM.056 E-W Line Cross Over Lift 05 Cross Beam
AMERICAN BRIDGE/FLUOR, A JV

04-0120F4 Bid Item: 056 X-L06-CB1.056 E-W Line Cross Over Lift 06 Cross Beam 1
AMERICAN BRIDGE/FLUOR, A JV

04-0120F4 Bid Item: 056 X-L07-CB1.056 E-W Line Cross Over Lift 07 Cross Beam 1
AMERICAN BRIDGE/FLUOR, A JV

04-0120F4 Bid Item: 056 E-L04-OBG.056 E Line Lift 04 OBG Erect structural steel
AMERICAN BRIDGE/FLUOR, A JV



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Mathur, Lalit

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04-0120F4 Bid Item: 056 E-L05-OBG.056 E Line Lift 05 OBG Erect structural steel

AMERICAN BRIDGE/FLUOR, A JV

Diary:

Dispute

General Comments 056 E-L05-OBG.056

Weather: Hi 65°F Low 50°F, sunny, medium wind all day,

Description of Work by ABF and its Sub-contractors.

W2 Activities

Closure Pour Activities:

- ABF/RPF people continue working on closure pour rebars.
- RPF has a crew of 4 people and a Scissor's Lift.
- The Scissor's Lift is on tracks made of C12 channels laid on top of suspended platforms from E-Line to W-Line along the east edge of W2.
- ABF crew continues to insert rebars in the OBG stiffeners holes per drawing 497R03, W2 Reinforcement Detail No 49. ABF/RPF have used the option per Note 5. That means they are using 2 # 29 rebars instead of 4 # 19 rebars as shown in the Section E-E on this drawing. There a maximum of 21 holes in the longest stiffeners reducing to 6 holes at each end.
- ABF finished inserting horizontal #29 rebars in the E-Line closure pour by noon time. RPF started to insert to insert horizontal #29 rebars in the W-Line in the afternoon.

Pier 7 Activities

- The crew starts working at 7 AM. Most people assembled at 6:30 AM.
- The Deviation Saddles Barge is on west side of Pier 7.
- The Lifting Frame is also at Pier 7, next to Deviation Saddle barge.
- ABF continues using barge crane and the Pier 7 Gantry for all the work.
- Two barge cranes and one boom crane is assisting at this location.

·Preparing Lifts CB-4 & CB-5 and Lifts 5-W & 6-E for Inspection & Erection

oLifts CB-4 and CB-5

oThere was not much of activity on Lifts CB-4 and CB-5.

oLift 6-E

oABF continues to work on Lift 6-E. It is using Boom Crane, Man Lift etc. to prepare it for inspection and then for erection.

oLift 5-W

oABF continues to work on Lift 5-W. It is using Boom Crane, Man Lift etc. to prepare it for inspection and then for erection.

OBG Lift Activities at Site:

- ABF people started working at 7 AM. Most people assemble early around 6:30 AM.
- ABF has moved the Boom Crane around.

·Lift 5-E

·Lift 5-E was close to Lift 4-E within 20 mm.

·Lift 5-E corners were off as below:

oSW24 mmSE8 mm

oNW6 mmNE38 mm

·ABF has been floating Lift 5-E all morning and in the afternoon to bring the corners to proper elevations.



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The jack pressures were as follows:

At 9 AMNW2200NE1500SW2900SE3700Not yet adjusted
At 10 AMNW2200NE1900SW3700SE300Not yet adjusted
Final at 3PMNW4200NE1300SW700SE3100Mostly adjusted

·Cradles

·8-E, 5-W & 6-W Cradles.

·These cradles are on the trusses.

·Lift 4-W

·ABF continues bolting between 3-W and 4-W.

·ABF continues preparing for welding at bottom and the sides.

·Lift CB-3

·ABF has installed a cross walk between Lifts 4-W and 4-E on the cross beam CB-3.

·Lift 3-W

·Lift 3-W is in its final location.

·ABF continues preparing for welding at bottom and the sides.

·Lift CB-2

·The Lift CB-2 is in final position.

·Lift 2-W Operations

·Lift 2-W is in its final position.

·Lift CB-1 Operations

·Lift CB-1 is in its final position.

·Lift 1-W Operations

·Lift 1-W is in its final position.

·Lift 4-E Operations.

·Lift 4-E is in its final position.

·ABF continues welding between Lifts 3-E and 4-E at the bottom and the sides.

·Lift 3-E Operations

·Lift 3-E is in its final position.

·ABF continues welding between Lifts 3-E and 4-E at the bottom and the sides.

·Lift 2-E operations.

oThe Lift 2-E is in its final position.

oWelding & grinding continues on all sides between Lifts 2-E and 3-E.

·Lift 1-E operations

·Lift 1-E is in its final position except for the closure pour.

·Shear Leg Crane and Lifting Frame additional Operations

·The Shear Leg Crane was not used today.

·The Lifting Frame was not used.

·Hanging of Working Platform

oHanging Platforms are organized as follows:

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oE-LineW-Line
oLifts 1-E & 2-ENoLifts 1-W & 2-WYes
oLifts 2-E & 3-ENoLifts 2-W & 3-WYes
oLifts 3-E & 4-EYes Lifts 3-W & 4-W Yes

- Cross Beam Bolting Platforms
- CB-1North Side
- CB-2North SideBolting continues
- CB-3North SideBolting Continues

·Miscellaneous Activities

·Checked the site work and Pier 7 activities occasionally.

·Worked on concrete CCO for deduction for concrete strength being less than required. This has happened for the concrete poured on 8/6/09 for the Vertical Tie Down cover slab. The Special Provisions asks for a deduction of \$20 per cubic meter. The quantity for each slab is 2.4 M³, a total of 4.8 M³ for both slabs.

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04-0120F4 Bid Item: 056 E-L08-OBG.056 E Line Lift 08 OBG Erect structural steel

AMERICAN BRIDGE/FLUOR, A JV