



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:10 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 043 Const Calendar Day: 198 Date: 25-Mar-2010 Thursday

Inspector Name: Mathur, Lalit Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 05:45 pm Break: Over Time: 02:00

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 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	E-L02-OBG.056	E Line Lift 02 OBG Erect structural steel
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			
Diary:			Dispute
General Comments			<input type="checkbox"/>
056 X-L02-CBM.056			
Weather: Hi 72°F Low 60°F warm, sunny day, windy in afternoon.			
Description of Work by ABF and its Sub-contractors.			
W2 Activities			
·There was no work at W2.			



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- ABF was adding shims for the suspended falsework platform at top of the south piers.
- ABF has already added shims for the suspended platform on the north side piers.
- They used a crew of 2 people and Genie Man Lift.

Pier 7 Activities

- Most People are working from 7 AM to 3:30 PM.
- ABF was working on adding platforms and handrails on Lift 3-W and preparing for erection.
- ABF was preparing Lift CB-3 for erection.
- The Lifting Frame was at Pier 7 being re-configured..

OBG Lift Activities at Site:

- ABF people started working at 7.

Lift CB-2 and Gantry Crane Assembly Operations

- ABF started to support Lift CB-2 on the 6'x 6' pads on the south side on top of Lift 3-E.
- They were done with this before lunch.
- ABF secured and tied down the south end to Lift 3-E.
- The thickness of shim plates on top of the pads was 13" in 1" thick plates and 2-1/2" thick plates.
- Later in the afternoon I talked to Jerry Kent, if they planned to launch Lift CB-3 towards Lift 3-E.
- He said they have lifted the Lift CB-3 for launching and are ready but will launch tomorrow morning.

Lift 2-W Operations

- Lift 2-W is within 20 mm from Lift 1-W.
- The two surfaces have been grinded for welding. ABF taped the seam joint to prevent water from entering.
- ABF is welding between Lifts 1-W and 2-W at the bottom.
- The top Splice Plate of Lift 2-W was brought in alignment with CB-1 at north end by using series of pins, come-along etc.

Lift CB-1 Operations

- ABF continues to work on bolting between CB-1 and 2-E.
- ABF aligned the north edge of Lift CB-1 with the Lift 2-W and the splice plate.
- ABF moved the working platform (blue platform on the sides) from south end of Lift CB-1 to north end close to Lift 2-W.
- ABF used 1 come-along for each pair tied to a bolt and angle on top of Lift 2-W.
- ABF also tied the platforms with strand wires to the north end to a bolt and angle, wrapped around connected to a small forklift to keep it tensioned.
- The system pulled both the platforms from south end to north end.
- The task was completed by close of the day.

Lift 1-W Operations

- Lift 1-W is in its final position.
- ABF was making minor adjustments for receiving Lift 2-W.
- ABF is welding between Lifts 1-W and 2-W at the bottom.

Lift 4-E Operations.

- Lift 4-E is in its final position.
- ABF has moved all connex boxes on top of seam between Lifts 3-E and 4-E.
- ABF continues welding between Lifts 3-E and 4-E on the top starting on the south side.

Lift 3-E Operations

- Lift 3-E is in its final position.
- Bolting and Welding between Lifts 2-E and 3-E continues.
- ABF moved all connex boxes on top of seam between Lifts 3-E and 4-E.
- ABF has started welding between Lifts 3-E and 4-E on the top starting on the south side.
- ABF the Gantry Crane's southern support columns on top of Lift 3-E on 6' x 6' pads. The actual pad sizes are larger in the north – south direction because of the existing size of 12 x 12 logs.

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·The south end of the Gantry Crane Assembly was also ties to the top of Lift 3-E with strand wires to prevent from lifting.

·Lift 2-E operations.

oThe Lift 2-E is in its final position.

oABF continues performing welding operations.

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

oABF finished grinding on top and started to remove the top connex box.

·Lift 1-E operations

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

oABF continues grinding and welding repair at the seam weld between Lifts 1-E and 2-E.

·Shear Leg Crane and Lifting Frame additional Operations

·The Shear Leg Crane was not used today.

·Hanging of Working Platform

oHanging Platforms are Lifts 1-E & 2-E and at Lift 2-E and 3-E junctions.

oABF was getting ready other Platforms as well.

·Miscellaneous Activities

·Attended Safety Meeting at 8 AM followed by Gary Pursell's staff meeting.

·Gil asked to prepare a working schedule with 2 people on the site and 2 in the office all day assuming a six day work week.

·Philip gave the Pedestal heights of Lift 2-W support pedestals. The data was collected by Masoud and Philip on 3/22/10 and is part of TY Lin OBG Erection Data Report.

·Discussed with Gil, the shimming operation by ABF for the suspended platform.

·Reviewed all the shims installed at the job site. The shim thickness vary from 1/4" to 1/2" at each end. It was assumed that the extra load on the platform has caused the end of the beams to move up or down leaving a large gap. We got Matt involved. Gil asked Matt to check the distance between the columns if these have moved away leaving a large gap on each side. Matt will work on it Monday onwards.

·Made a preliminary estimate of the weights on the suspended platform. This is a partial weight only. Rest of the platform weights are yet to be counted.

oOn the north side, there is not much of load.

oOn the east side, there are 3 connex boxes, each weighing approximately 3000-3500 lbs plus the contents. Additionally, there are storage boxes with approximately 1000-2000 lbs.

oOn the west side, there is a connex box used by CT weighing approximately 3000 lbs. On the south side of this, there are steel shim plates weighing approximately 2500 lbs on a 2.5' x 2' area and another set of shim plates with 2500 lbs. on a 4' x 4' area.

oThere is lot of load around the south piers. There are approximately 25 boxes of bolts, each weighing about 100 lbs mostly on the north-east side of the south piers. Then, there are about 15,000 lbs of metal shims from north to east side.

oAlso there is about 15,000 lbs of shims spread on east and south corner of the south pier.

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

04-0120F4	Bid Item: 056	E-L03-OBG.056	E Line Lift 03 OBG Erect structural steel
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