



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 5:55 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 070 Const Calendar Day: 233 Date: 29-Apr-2010 Thursday

Inspector Name: Mathur, Lalit Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 06:30 am 04:00 pm Break: Over Time: 01:00

Federal ID:

Location:

Reviewer: Liu, Tai-Lin Approved Date: 14-Jul-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	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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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
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Diary:

Dispute

General Comments 056 E-L05-OBG.056

Weather: Hi 60°F Low 48°F, sunny, medium wind all day,

Description of Work by ABF and its Sub-contractors.

W2 Activities

- There was no work at W2 except for general cleaning.
- ABF was using fork lifts to assist in loading of the scaffolding material in the truck.

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 parked at the west of warehouse.
- There is no work on Lifting Frame.
- 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.
- ABF is performing about ½ dozen different tasks on Pier 7 in addition to working on various Lifts.
- ABF is unloading some cradle/support framing from the barge to Pier 7.
- There is lot of re-shuffling of barges.
- ABF extended the boom of one of the Barge Cranes by 40 feet.
- I noticed that two of the barges did not have on-off ramps from the Pier 7. The workers were jumping over to & from the barge to Pier 7. I informed this to Kathleen Quinn of ABF and also to CT's Safety Grady Hart.
- Preparing Lifts 5-E and 6-E for Inspection & Erection
- oABF continues to work Lifts CB-4 and CB-5.
- oABF continues to work on Lift 5-E. It is using Boom Crane, Man Lift etc. to prepare it for inspection and then for erection. ABF is grinding the edges of Lift 5-E in preparation for welding of this edge to that of Lift 4-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.
- §ABF is loading lot of different materials for cable trays etc. inside Lifts 5-E and 6-E.

OBG Lift Activities at Site:

- ABF people started working at 7 AM. Most people assemble early around 6:30 AM.
- ABF sent a truck load of scaffolding material back to the supplier.
- Preparations for lifting Lift 5-E and 6-E.
- ABF added new sliding surfaces on the pedestals on the Temporary Truss on 4/27/10.
- ABF is grinding the surfaces along edges of Lifts 5-E and 6-E and preparing these for welding.
- Cradles
- Lift 5-E, 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.



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- ABF has completed welding on the top between Lifts 3-W and 4-W. This has not been tested yet.
- Lift CB-3
 - Lift CB-3 is fully bolted to Lift 4-E and partially to Lift 4-W.
 - ABF has installed a cross walk between Lifts 4-W and 4-E on the cross beam CB-3. They have fitted this with wire handrails on east and west sides and have installed 4 ft. wide plywood walking surface on top of CB-3.
- Lift 3-W
 - Lift 3-W is in its final location.
 - ABF continues preparing for welding at bottom and the sides.
 - ABF continues welding between Lifts 2-W and 3-W. The top welding is done.
 - ABF has completed welding on the top between Lifts 3-W and 4-W. This has not been tested yet.
- Lift CB-2
 - The Lift CB-2 is in final position.
- Lift 2-W Operations
 - Lift 2-W is in its final position.
 - ABF continues welding between Lifts 2-W and 3-W. The top welding is done.
- 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.
 - ABF moved the Boom Crane on top of Lift 4-E to assist in lifting material on the east end.
- 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.
 - About 80% of the bolt connections are done.
- Shear Leg Crane and Lifting Frame additional Operations
 - The Lifting Frame was not used today.
 - The shear leg crane was not used today.
- Hanging of Working Platform
 - oHanging Platforms are organized as follows:
 - oE-LineW-Line
 - oLifts 1-E & 2-ENoLifts 1-W & 2-WYes
 - oLifts 2-E & 3-EYesLifts 2-W & 3-WNo
 - oLifts 3-E & 4-EYes Lifts 3-W & 4-W Yes
- Cross Beam Bolting Platforms

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- CB-1North Side
- CB-2North SideBolting continues
- CB-3North SideBolting Continues

- Miscellaneous Activities
- Checked the site work and Pier 7 activities occasionally.
- Gil has passed on to me the SAS Project Drawings, 2 sets of special provisions plus 2 loose binders.
- At 10 AM, attended the Multi-Project Coordination Meeting at YBI.
 - oThere was a lighter attendance today.
 - oBhalinder, Lalit, USCG's Gregg, ABF's Brian and two members from CCM attended.
 - oThere was no conflict so far in the work schedules of SAS and CC Myers. CCM will work through.
 - oNext Meeting was set for May 21, 2010.
 - oBrian mentioned about the towers sections coming from China. These are being handled there by a 4000 Ton capacity crane.
- At about 11 AM, at Pier 7 I noticed that two of the barges did not have on-off ramps from the Pier 7.
 - oThe workers were jumping over to & from the barge to Pier 7.
 - oI informed this to Kathleen Quinn of ABF and also to CT's Safety Grady Hart.
 - oGrady Hart talked to ABF's Safety. It appears that no action has been taken on this.
- Attended a 1 PM meeting with John Dennis and Jason on input from TY Lin for the OBG Erection Data Reports sent to them so far.
 - Matt joined in the discussions too.
 - As of now, 7 such reports have been sent.
 - John mentioned that the 'OBG Erection Data' sent by CT are part of a trigger mechanism to watch
 - §(1) if the stresses are locked in for some of the bolts already installed
 - §(2) Any excessive deflections
 - §(3) that the actual deflections as predicted within certain limits
 - §(4) to project upcoming deflections and or stresses.
 - oThe dates and timing of bolts is thus somewhat more important in some cases.
- Reviewed the discussions we had previously with TY Lin's Rami. He has been asking for dates of bolting and welding from Jason. Jason has already sent some of these earlier.
- Jason has obtained dates for welding from METS group on the site.
 - oHe needs to correct these dates, as these are not applicable to the dates desired by TY Lin.
- John Dennis mentioned that after the OBG is set on pedestal, we need not measure it again.
- He needs to know the date and times of the start of the welding at seam between the existing and the then new OBG.
- It is TY Lin's preference that the surveys for 'offsets and elevations' be performed on the same day the seam welding starts. The OBGs will not be floated when the seam welding is being performed.
- We need to monitor the Jack Pressure continuously as and when ABF floats the OBGs.
- David Bradd is off today
- Lift 6-E was inspected by CT today. Tai-Lin, Victor, Matt, Masoud participated.

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Attachment



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