



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:15 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 029 Const Calendar Day: 182 Date: 09-Mar-2010 Tuesday

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: 30-Mar-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	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: cloudy morning – Hi 61°F Low 52 cold, sunny all day, windy.			
Description of Work by ABF and its Sub-contractors.			
W2 Activities			
ABF was ready for concrete pour this morning.			
The pour was meant for 17 spots as below:			
3 block outs on south side of W2 at the the south face for CBTs 11 to 36.			
3 block outs on north side of W2 at the the south face for CBTs 11 to 36.			
4 corbels for the south foundation well slab at the ground level.			
4 corbels for the south foundation well slab at the ground level.			
2 utility openings to be closed on the north-east side of north foundation well just a few feet from the			

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bottom.

1 new Utility opening's sides to be cast on the south east face of the north foundation well.

ABF had CONCO company crew and truck do all the concrete work.

The concret pump was set up by 7:30 AM on the south side of the W2..

The 1st concrete truck arrived at 8:25 AM. The concrete was mixed at 7:30 AM.

The spread was measured in presence of Gil and Matt and was measured at 26 ½ inches.

The concrete was allowed to be poured.

S/E and CT made the cylinders out of this.

ABF 1st poured the W2 block outs on the south face. It took them long time top our these blockouts.

About 9:50 AM, we checked the spread and found to be 22 and 24 inches and Gil thought to alow them to continue pout.

ABF then poured the south foundation well's corbels'.

The truck was sent back with remaining concrete.

The 2nd truck came at about 11:10 AM. The spread was measured at 17 ½ inches. It was informed to the plant and the concrete producer decided to bring it back.

The 3rd Truck came to job at about 12 noon. The spread was measured at 21 inches. They added 64 oz of superplasticizer. The spread was measured at $(24+25)/2$ which is still less than the minimum of 26 inches. They added another doze of 96 oz and the spread was measured at $(27+29)/2$ and the truck was allowed to pour at 12:30 PM. It poured the north foundation well's corbels and then the top blockouts on the north face of W2. Afer this they poured part of the utility opening till the concrete was fiished around 2 PM.

The 4th or the last rruck came at about 2:15 PM. The spread was measured at $(20.5+21)/2$. The supplier added 1 gallon or 128 oz of super plasticizer and the spread was measured at $(25+28)/2$ and the truck was allowed to pour. It finished pouring all utility openings at about 3 PM.

ABF's laborer are working on miscellaneous tasks on top of W2.

Pier 7 Activities

- ABF has Lifts 2-W, 3-W & 4-W, Cross Beams CB-1, CB-2 & CB-3, all on Pier 7.
- ABF was using Pier-7 Gantry crane, Boom crane, barge crane, forklifts and man lift.
- ABF is working on installing handrails, lights etc on Lift 2-W, 3-W & 4-W.
- CB-1 is in the barge containing the Gantry Crane.
- ABF was also working on CB-2.
- I checked the operations in the morning, noon and later in the afternoon.
- John informed that they will start working at 4:30 AM tomorrow morning to lift CB-1.

OBG Lift Activities at Site:

·ABF people started working at 7:00 AM. Some people worked up to 3:30 PM and a few others continued upto 5:30 PM.

·Lift CB-1 Operations

- The Lift CB-1 was picked up early morning. David was there from the beginning. I arrived at 6:30 AM and the lift was already in the air.
- By 8 AM, the lift was placed on the temporary trusses.
- ABF was busy all day to prepare for the gantry cranes to come on top.

·Lift 1-W Operations

- Lift 1-W is in its final position.
- There is not much work on Lift 1-W.

·Lift 4-E Operations.

- Lift 4-E is in its final position.



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- ABF continues to make minor adjustments.

- Lift 3-E Operations
- Lift 3-E is in its final position.
- ABF continues to make minor adjustments.
- Bolting and Welding between Lifts 2-E and 3-E continues.

- Lift 2-E operations.
 - oThe Lift 2-E is in place.
 - oABF is performing welding operations.
 - oWelding continues at the top of the deck and also at the horizontal bottom.
 - oABF was working inside Lifts 1 and 2 installing bolts and pins in the splice plates.

- Lift 1-E operations
 - oLift 1-E was supported on the pedestal shims.
 - oABF is working on welding operation between 1-E and 2-E.

- Shear Leg Crane and Lifting Frame additional Operations
- The shear leg crane was kind of crooked position due to channel contours.
- ABF CB-1 this morning.
- After beinf released from the Lift at about 10 AM or so, the Shear Leg Crane's hook was removed.
- The Auxiliary Hook was brought in and it took all day to hook the auxiliary hook.

- Hanging of Working Platform
 - oABF is working platform under the OBGs at the junction of Lifts 1-E and 2-E.
 - oABF continues welding between Lifts 2-E and 3-E inside.

- oOther Activities:
 - oABF continues welding inside Lifts 1-E and 2-E.
 - oDavid came at 6 AM and I came at 6:30 AM.
 - oGil, Matt Lalit and Masoud worked on the concrete pour all day.
 - oThere is 19 M^3 of concrete.
 - oMix number is 1417325.
 - oS/E prepared the test cylinders for ABF.
 - oLalit and Matt cast 6 test cylinders and put these in the conex.
 - oMatt prepared the mix number forms, quantity calculations etc.
 - oGary Pursell and Rick Morrow visited the site in between when the concrete trucks were being waited upon.

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

AMERICAN BRIDGE/FLUOR, A JV

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