



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 8:23 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 564 Const Calendar Day: 669 Date: 04-Apr-2014 Friday
Inspector Name: Feather, Bernard Title: Transportation Engineer
Inspection Type: Intermittent
Shift Hours: 09:00 am 01:00 am Break: 08:00 Over Time:
Federal ID:
Location:
Reviewer: Shedd, Bill Approved Date: Status: Submit

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

Weather

Temperature 7 AM 12 PM 4PM
Precipitation Condition overcast cool, rain early AM 4/4

Working Day [checked] If no, explain:

Diary: Dispute
General Comments
Track progress off FWS pressure testing of the 12" CCSF Water Main from a night closure of the #1 lane of the WB bridge. Misc. MEP paperwork and write diaries.

04-0120F4 Bid Item: 123 0-000-000.123 CCSF WATER MAIN (12 NPS)
F.W. SPENCER AND SON, INC

Labor

Table with columns: Trade, Class, Name, RT Hrs, OT Hrs, DT Hrs, Total, Remarks, Dispute. Rows include Contractor: F.W. SPENCER AND SON, INC and labor entries for Plumbers/Pipefitters NARCISO BIAGI and TOM COLOMBO.

Diary: Dispute
12" DIP testing 123 0-000-000.123
The FWS crew, including Josh Johnson and Tim Esquivel, went on shift at Pier 7 at 2000 on April 4, 2014. The crew loaded equipment and material and mobilized to the bridge, establishing themselves at PP 44 in the closure of the #1 lane of the WB bridge at 2130.
At 2200, the crew pressurized the 12" CCSF Water Main to 200 psi. I walked the length of the line and noted that, with the exception a weep in the nipple for the air relief for the line at PP 8, none of the joints nor flanges leaked. At 0000 on April 5, 2014, the pressure was at 198 psi. At 0030, the pressure was at 198 psi. I left the bridge, turning over inspection to the CT night inspector Mahmoud Khandaghabadi.
Before I left, I went to the base of W2W and noted water running down the vertical pipe string going up the W2W column. I contacted Tom Colombo. He came to W2W and we speculated that it was likely that the water was rainwater ponded in the pipe bells which flowed out as the pipe expanded. I requested that following the completion the test, that FWS leave 100 psi of pressure on the line and I would reinspect on Monday, April 7, 2014 to determine if the pipe was still leaking.
Mahmoud noted that by the end of the test at 0200, the pressure had dropped to 185 psi. Due to the pressure drop and the potential of leaking along the W2W column, the pressure test had failed. FWS and ABF was informed of this on April 7, 2014.
The crew completed the test at 0200 on April 5, 2014, then demobilized off the bridge, going off shift at 0300.

## Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Feather, Bernard

Diary #: 564

Date: 04-Apr-2014

Friday

The crew used a 2.5 HP generator, a 70 Amp welding machine as a generator, and a 4000 gallon water buffalo in the performance of the work for the shift.

CCO-354 Bid Item: 001 0-FWS-ELS.354 CIC - Mechanical Impacts - F.W. Spencer

F.W. SPENCER AND SON, INC

### Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> F.W. SPENCER AND SON, INC								
Plumber/Pipefitter	JNM	NARCISO BIAGI	3.00	0.00	0.00	3.00		<input type="checkbox"/>
Plumber/Pipefitter	FOR	TOM COLOMBO	3.00	0.00	0.00	3.00		<input type="checkbox"/>

### Diary:

**Mechanical Change of** 001 0-FWS-ELS.354

The FWS crew spent 3 hours to mobilize to and from the bridge which will be paid under CCO 354. In addition, the pipefitter's union agreement gives them a 12% hourly shift differential and 8th hour of pay for 7 hours of work for working at night, which is also compensable under CCO 354.

In addition to the equipment used in performance of the work, the crew used a towed port-a-potty and a light tower which will be paid via monthly invoice under CCO 354. The three crew trucks will be paid per the equipment rental rate under CCO 354.