



**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 300 Const Calendar Day: 409 Date: 18-Jul-2013 Thursday  
 Inspector Name: Feather, Bernard Title: Transportation Engineer  
 Inspection Type: Intermittent  
 Shift Hours: 08:00 am 05:00 pm Break: 01:00 Over Time:

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

Federal ID:

Location:

Reviewer: Shedd, Bill Approved Date: 20-Nov-14 Status: Approved

**Weather**

Temperature 7 AM 12 PM 4PM  
 Precipitation Condition Clear, warm

Working Day  If no, explain:

**Diary:** Dispute  
**General Comments**   
 Weekly safety meeting 0800-0900. Teleconference between the DJV and Munters to discuss the dehumidification system capacity 0930-1100. Meeting with Brian Boal to discuss status of IERBYS site work 1130-1200. Track progress of FWS installation of mechanical piping. Walk inboard barrier of WB bridge to develop punchlist of mechanical work. 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

04-0120F4 Bid Item: 125 0-000-000.125 DOMESTIC WATER (2 1/2 NPS)  
 F.W. SPENCER AND SON, INC

**Diary:** Dispute  
**Bike Path Piping** 125 0-000-000.125   
 Tim Esquivel spent the shift welding the PS-20a to the sole plate on the bike path cantilever beam at PP 89. Josh Johnson assisted.  
 Ian Burkhart and Wayne Ellis spent the shift installing the PS-3 and PS-3s pipe clamps on the 2 1/2" DW and 4" CA lines from approximate PP 69 to PP 73.  
 Dave law spent approximately 1 hour assisting in these operations.  
 Narciso Biagi served as general foreman in all the operations conducted by the FWS crew, and Tom Colombo served as superintendent.

04-0120F4 Bid Item: 126 0-000-000.126 COMPRESS AIR (4 NPS)  
 F.W. SPENCER AND SON, INC

**Diary:** Dispute  
**Mechanical Piping** 126 0-000-000.126   
 Barry Mallaney spent the shift welding victaulic grooved ends and utility outlets on sections of 4" CA line to

## Daily Diary Report by Bid Item

**Job Name:** 04-0120F4    **Inspector Name:** Feather, Bernard    **Diary #:** 300    **Date:** 18-Jul-2013    **Thursday**

be installed at the transition between the SAS and the Skyway structure. Jim Perry assisted for 3 hours. Sal Gomez spent the shift doing the same.

**04-0120F4      Bid Item: 128      0-000-000.128      DEHUMIDIFIER SYSTEM**

F.W. SPENCER AND SON, INC

**Diary:**

Dispute

**Dehumidification System                      128      0-000-000.128**

from 0930 to 1100 I facilitated and attended a teleconference between the dehumidification system designer (DJV) and the manufacturer (Munters). The main issue of discussion was if the system controls could be adjusted to achieve a lower relative humidity or if the system could be upgraded.

The consensus was that the system controls could be adjusted to achieve a RH level of 40% or lower. The only hindrance to this would be the system capacity, which can only remove a set amount of moisture from the air. However, since there is no industrial processes, nor human occupation adding moisture to the atmosphere inside the chambers, only the degree to which the chambers are sealed will affect the moisture added to the system.

There was a discussion about if the system could not only remove moisture from the air, but also keep condensation from forming on the PWS rods. Munters indicated that moisture forming is a function of dew point. They could set the controls to a given temperature above a given dew point. They also indicate that they could put "hobo" controls at different locations that are more vulnerable to condensation. When these hobo controls are triggered, they will override the global controls and start the system.

**CCO-187              Bid Item: 001              0-MSI-EFA.187              MEP/Structural Interferences**

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	DAVID LAW	7.00	0.00	0.00	7.00		<input type="checkbox"/>

**Diary:**

Dispute

**DIP air relief valves                              001      0-MSI-EFA.187**

Dave Law and Jim Perry spent 5 hours assembling sections of 6", 10", And 12" DIP with tees for the addition of air relief valves. In addition, during the course of the past week, Dave Law spent approximately 2 hours moving the painted tees, and the associated painted piping from the CCC yard to the FWS staging area on the bridge. Tom Colombo and I agreed that rather than fill out additional extra work sheets for different days, cover the two hours on a the same sheet as the assembly.

Tom Colombo spent one hour assisting this operation as the general foreman.

**CCO-321              Bid Item: 001              0-BDW-EFA.321              IERBYS Building Work**

CONCO PUMPING

**Diary:**

Dispute

**IERBYS Site work                                      001      0-BDW-EFA.321**

Proxie for CCO 335 until that information is in PMIV.

From 1130 to 1210, I met with Brian Boal to discuss the status of the IERBYS site work, the hazardous soil excavation and removal, and the paving.

---

## Daily Diary Report by Bid Item

Job Name: 04-0120F4    Inspector Name: Feather, Bernard    Diary #: 300    Date: 18-Jul-2013    Thursday

---

Brian gave me a ftp link the latest set of plans and specs, and which shows all the RFIs and Submittals.