Daily Diary Report by Bid Item

Contract No.: **04-0120F4**
Diary #: **703** **Const Calendar Day:** 146 **Date:** **28-Oct-2012** **Sunday**
Inspector Name: **Bruce, Matt** **Title:** **Transportation Engineer**
Inspection Type: Continuous
Shift Hours: 07:00 am 03:30 pm **Break:** 00:30 **Over Time:** 08:00
Federal ID:
Location:
Reviewer: **Schmitt, Alex** **Approved Date:** **Status:** Submit

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

Weather

Temperature **7 AM** 50 - 60 **12 PM** 60 - 70 **4PM** 60 - 70
Precipitation 0.00" **Condition** Mostly sunny

Working Day ☐ If no, explain:

04-0120F4 **Bid Item: 067** **C-PWS-WCS.067** **Wrap Cable System**
AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Operator	APP	SCOTT ROSS	0.00	8.00	0.00	8.00		☐
Semi-Skilled Laborer	JNM	JOSE CAMPOS	0.00	8.00	0.00	8.00		☐
Semi-Skilled Laborer	APP	JESUS RUIZ	0.00	8.00	0.00	8.00		☐
Ironworker	JNM	ROGELIO RUIZ	0.00	8.00	0.00	8.00		☐
Ironworker	APP	MARIO MARQUEZ	0.00	8.00	0.00	8.00		☐
Ironworker		THADDEUS BOOKER	0.00	8.00	0.00	8.00		☐
Ironworker		ARRON DAVID	0.00	8.00	0.00	8.00		☐
Ironworker	JNM	MICHAEL DRAPER	0.00	8.00	0.00	8.00		☐

Diary: Dispute

Work description. **067** C-PWS-WCS.067 ☐

South Mainspan Cable Wrapping:

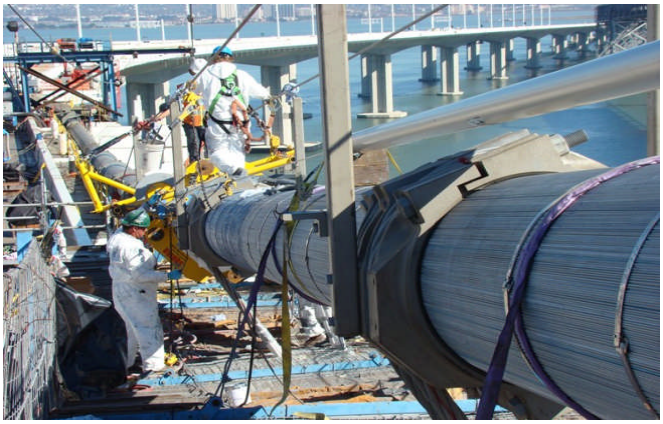
- The first task for the ironworkers today was to remove the wrapping machine with attachments pointed in the in the downhill direction. At the start of the day this wrapping machine was located approximately 7ft away from cable band 100S going in the uphill direction. This task was completed around 9:30am with the assistance of the operator and the Groove crane. During this time the laborers were applying zinc paste to the main cable on the other side of cable band 100S in the uphill direction.

Once the wrapping machine with the attachments pointed in the uphill direction was installed, the next order of work was to splice the S-wire before proceeding with wrapping. It took approximately 1hr to complete 2 but splices due to this crew of ironworkers inexperience of performing the microweld. ABF engineer Ben Jones was present to assist the crew with technical issues.

When the but splice was finally completed, wrapping began at 11:45am. The wrapping machine had a difficult time placing the S-wire into the grooves while revolving around the main cable. S-wires were seen being underlapped and overlapped (see photo below) due to the instability of the wrapping machine. The ironworkers had to use come-alongs in addition to applying a tension to pull the machine ranging from 360lbs to 680lbs. Once a S-wire was seen not going into the previous wire groove, the operation was stopped to correct the seating of the S-wire grooves. Approximately 2ft or less of the main cable in this location was wrapped today. Laborers placed a protective plastic cover over the areas where zinc paste

was applied today for tomorrows operation.

Attachment



ABF ironworker crews on the South Mainspan in the process of wrapping the main cable with S-wire.

S-wire overlap not in the grooves while spinning the wrapping wire around the cable which is an issue the ironworkers struggled with all day.

ABF ironworker crews on the North Mainspan in the process of wrapping the main cable with S-wire.

Microweld but splice of two S-wires seen on the South Mainspan cable in between cable bands 102 and 100.