



Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 506 Const Calendar Day: 280 Date: 11-Mar-2013 Monday
 Inspector Name: Wright, Doug Title: Transportation Engineer
 Inspection Type: Continuous
 Shift Hours: 07:00 AM 04:00 PM Break: 00:30 Over Time: 00:00
 Federal ID:
 Location:
 Reviewer: Soheilifard, Saman Approved Date: Status: Submit

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

Weather

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day If no, explain:

Diary:

Dispute

Paint Cable System

Overview of Cable work today:
 The following work was ongoing today on the Cable:
 - Painting of suspender ropes & main Cable
 - Installing split collars & elastomeric collars
 - Caulking & painting of suspender separators
 - Cleaning zinc paste from S-wire & cable bands

Today I was inspecting the painting operation on the main Cable, & the laborers cleaning zinc paste on the North main-span S-wire. Also, I was inspecting suspender ropes looking for broken wires. See the diaries of A. Iranmanesh, L. Woo, T. Liu, R. Feather, & J. Lyons for additional details of Cable field work.

Note: The technical aspects of the paint inspection were done by NACE inspectors Jeff Rickert & Stuart Ross. See their diaries for specific details regarding the paint inspection.

- I arrived at the pier-7 office at 07:00.
- From 07:00 until 08:00, I got caught up on checking email since I was out of the office for 2 days at Winter Training.
- From 08:00 until 08:30, I attended the weekly RE update meeting.
- At 08:40, I arrived on the bridge. Throughout the shift, I was inspecting the painting of the main cable & inspecting suspender ropes for broken wires. See below for details.

On North side-span:

- The only painted noted today was minor touch-up painting of DTM 3700 on areas of the S-wire & suspender ropes. This is the final touch-up paint prior to catwalk removal, which will start soon.

On South side-span:

- The only painted noted today was minor touch-up painting of DTM 3700 on areas of the S-wire & suspender ropes.

Cleaning on North main-span:

- The laborer crew was cleaning the North main-span S-wire, cable bands, & hand-rope throughout the shift. They were cleaning from PPs 60N through 78N. Also, they were installing containment tarps up to PP 78N.

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 506

Date: 11-Mar-2013 **Monday**

On the South main-span:

- The only painting noticed today was some pegalink application in the areas near the catwalk tie-up cables.

Broken wires on suspender ropes:

- Over the weekend, a paint inspector found broken wires on 2 suspender ropes, at PP 36S & PP 46S.

- I accompanied ABF Engineer & Roman Granados in a Favco crane basket to inspect the areas, & to remove a piece of the broken wires for further evaluation.

- At PP 46S, one broken wire was found. Its location was about 3.4m above the upper separator, & about 14.2m below the zinc button. See attached photo. The fracture plane was at about a 45 degree angle.

The loose tail on the wire was cut free using a dremmel cutting tool, & the wire was saved for further evaluation. After the tails were cut free, the cut end of the wires were coated with one coat of organic zinc primer (wasser MC zinc-100).

- At PP 36S, 2 broken wires were found. Their location was about 0.6m above the upper separator. See attached photo. The fracture plane was at about a 45 degree angle. The loose tails on both wires were cut free using a dremmel cutting tool, & the wires were saved for further evaluation. After the tail was cut free, the cut end of the wire was coated with one coat of organic zinc primer (wasser MC zinc-100).

- At 15:10, I left the bridge. See the diaries of R. Feather & J. Lyons for details after this time.

- From 15:20 until 15:45, I spoke with Warren Collins & Brian Boal about the broken wires on the suspender ropes.

- From 15:45 until 16:00, I wrote my diary for the day & checked email.

04-0120F4 Bid Item: 067 C-COA-PCS.067 Paint 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								
Semi-Skilled Laborer	JNM	GERARDO GARCIA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Semi-Skilled Laborer	JNM	JUAN JIMENEZ	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Semi-Skilled Laborer	APP	JUAN HERNANDEZ	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Semi-Skilled Laborer	JNM	ARMANDO LOMELI	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Semi-Skilled Laborer	JNM	HECTOR LIMON	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Semi-Skilled Laborer	FOR	GUILLERMO LIMON	8.00	2.00	0.00	10.00		<input type="checkbox"/>

Attachment



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 506

Date: 11-Mar-2013

Monday

Broken wire on suspender rope at PP 36S (East rope)



Broken wire on suspender rope at PP 46S (South rope)



Cutting tail of broken wire with dremmel for future evaluation of the broken wire