



**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 525 Const Calendar Day: 305 Date: 05-Apr-2013 Friday  
 Inspector Name: Wright, Doug Title: Transportation Engineer  
 Inspection Type: Intermittent  
 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

**Split Collars**

Overview of Cable work today:  
 The following work was ongoing today on the Cable:  
 - Painting of main Cable & suspender ropes  
 - Installing suspender separators  
 - Starting to remove the South main-span catwalk

Today I was doing misc inspection in the field, including inspecting caulking of suspender brackets & identifying split collar bolts that need to be replaced.

- At 07:00, I arrived at the pier-7 office, & was on the bridge at 07:20.
- From 07:20 until 08:30, I did a walk-through of the bridge to check for any Cable work. 2 iron-workers were installing suspender separators in the North main-span, & several iron-workers were prepping to start removal of the South main-span catwalk.
- At 08:30, I noticed Certified Coatings personnel starting to prime the gaps in the suspender bracket top closure plates. This priming is in advance of caulking. However, the steel where they were priming was wet from the damp foggy conditions. I mentioned this to NACE inspector Rex Jones, & he confirmed that the steel needs to be dry to the touch prior to starting caulking or priming of the steel. Rex followed up to let Certified know that they do not have environmental condition to start priming & caulking.
- From 09:00 until 10:30, I was watching the preparation for catwalk removal near PP 44S. The crew was installing a temporary anchor point for the catwalk with nylon ropes wrapped around the PP 44S cable band.
- At 10:45, I left the bridge.
- From 11:00 until 11:45, I printed & reviewed CCO-240s2 regarding the caulking of the areas around the suspender anchor rods & shim packs.
- At 12:00, I arrived back on the bridge.
- From 12:00 until 12:30, lunch.
- From 12:30 until 14:30, I inspected the split collar bolts to see which ones need to be removed & replaced. One of the 2 bolt lots that were used had a failing test at the lab. These bolts will need to be replaced. ABF Engineer Adam Reeve had previously marked which bolts needed to be replaced. I checked to make sure that he marked all of them. The bolts that need to be replaced were marked with red paint pen. See attached photo.
- I checked every panel point except PPs 76N though 88N because these split collars were covered to protect them from suspender paint drips.
- At 14:45, I left the bridge.
- From 15:00 until 15:30, I spoke with Bob Brignano regarding some inspection that needs to be done tomorrow on rods & bolts on the bridge.

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Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 525

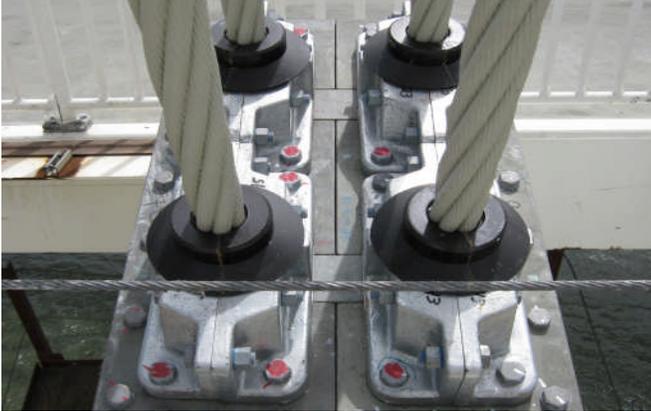
Date: 05-Apr-2013

Friday

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- From 15:30 until 16:00, I wrote my diary for the day & checked email.

### Attachment



Split collar bolts marked with red paint pen for removal