



Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 939 Const Calendar Day: 483 Date: 30-Sep-2013 Monday
 Inspector Name: Bruce, Matt Title: Transportation Engineer
 Inspection Type: Continuous
 Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00
 Federal ID:
 Location:
 Reviewer: Wilcox, Jason Approved Date: 16-Nov-13 Status: Approved

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

Weather

Temperature 7 AM 60 - 70 12 PM 60 - 70 4PM 60 - 70
 Precipitation 0.00" Condition Mostly cloudy

Working Day If no, explain:

Diary:

Dispute

Work description.

// E2 Cap Beam Shear Key Retrofit //

- ABF ironworkers started the 10hr shift by attempting to stress the S1 Shear Key 2008 anchor rods to 0.4Fu per RFI#3492R00. While stressing the first rod S1E2 to 0.4Fu the anchor rod broke approximately at a gauge pressure of 6.0Ksi. All stressing operations were suspended to inform management personnel of this issue prior to proceeding on what to do with the rods identified in RFI#3492R00.

The decree issued by management was to detension the remaining rods identified in RFI#3492R00 which was completed today. The following rods were detensioned today after rod S1E2 broke:

S1D2, S1D1, S1D7, S1D8, S2D2, S2D1, S2D7 & S2D8

The nut on all of these anchor rods came loose on average at 10.5ksi and then had to be recycled to remove the nut on average at 2.4ksi. After further discussion the decision at the end of the day was to cut all remaining 2008 S1/S2 anchor rods and extract all the entire anchor rod S1E2 in labeled sections.

The following Boltight stressing components were used for todays operations:

- a.) Jack #7194
- b.) Pump #63622-2222000139
- c.) Gauge #10904917/25

A few of the holes in the S1 Shear Key were filled with Sikadur 35LV after the S1E2 anchor rod broke. As in previous days the remaining portion of the day was spent housekeeping. See Brian Wolcott's diary for ABF labor/equipment and Pamela Gagnier's diary for Concos labor/equipment.

Attachment

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Job Name: 04-0120F4

Inspector Name: Bruce, Matt

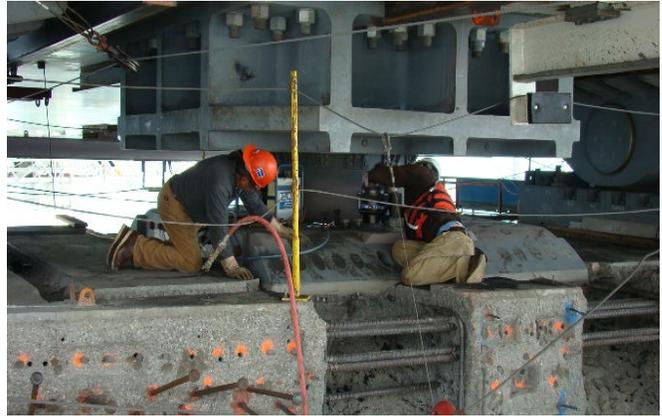
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Monday



Broken anchor rod S1E2 in the far left corner of the photo after being stressed to 0.4Fu.



ABF ironworker and engineer detensioning the anchor rods at the S2 Shear Key lower base.



SE Lower saddle section for the S1 Shear Key retrofit in the Pier 7 warehouse as splice plates are being welded to the end.



Cut 2008 anchor rods from the S1 and S2 Shear Keys labeled and ready for testing.