



**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 540 Const Calendar Day: 323 Date: 23-Apr-2013 Tuesday  
 Inspector Name: Wright, Doug 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: Schmitt, Alex 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 brackets
- North main-span catwalk removal
- Bolting of split collars
- Heat straightening of hand-ropes anchor plate at Tower head

Today I was inspecting James Benninghove's crew on removal of the North main-span catwalk & Richard's Chouinard's crew on heat straightening of a hand-ropes anchor plate. Also, I helped Abbas Iranmanesh on inspection of split collar bolting. See Abbas' diary as he was mainly inspecting bolting of the split collars.

- At 07:00, I arrived at the pier-7 office.
- From 07:00 until 07:30, I updated the Cable punch-list.
- At 07:45, I arrived on the bridge. At this time, North main-span catwalk removal was continuing, & Carlos' crew was mobilizing tools to get ready to start bolting split collars.
- At 08:00, I received a phone call from ABF Engineer Ankur Singh, & he mentioned that they will start working on heat straightening of the hand-ropes anchor plate (RFI-3248R01).
- From 08:15 until 08:45, I climbed to the top of the Tower to witness the heat straightening of the hand-ropes anchor plate. - Note: there is no elevator access to the top of the Tower any more.
- From 09:00 until 11:15, Richard's crew performed the heat straightening of the hand-ropes anchor plate atop the South main-span (outboard side) per RFI-3248R01. Smith-Emery QC inspector Tony was also inspecting the work. They heated the steel to 900 degrees F (but did not exceed 1100 degrees F). Then they used a porta-power with a 10 ton jack to move the plate until the plate aligned with the hand-ropes. The porta-power was left in place while the steel cooled, & then the porta-power was removed. I inspected the final alignment of the anchor plate, & it aligned with the hand-ropes. - Note: The heated area received hardness testing & MT testing by Smith-Emery later in the day. These results will be submitted.
- At 10:45, James' crew finished removing the last section of catwalk from the North main-span. After this time, James' crew went to work at Hinge A.
- From 11:15 until 12:00, I inspected the bolting of the split collars with Abbas.
- From 12:00 until 12:30, lunch.
- At 12:30, I left the bridge.
- From 12:45 until 13:15, I did misc office work, including checking email & gathering bolt log information for inspection torques on the bolts for the split collars.
- At 14:00, I arrived back on the bridge.
- From 14:00 until 16:30, I inspected the bolting of the split collars with Abbas. The crew was working at 2



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separate locations, & I was inspecting the work at one location while Abbas was inspecting the work at the second location. The crew was removing M22 x 120mm long bolts on the split collars that were rejected due to a failed test at Translab. These bolts were being replaced with new bolts. The new bolts were inch series bolts (lot number DHG72797). The new bolts were then tensioned (snug plus one half turn).

- At 16:40, I left the bridge.

- From 17:00 until 17:30, I wrote my diary for the day, checked email, & spoke with Warren Collins regarding the heat straightening work at the hand-rope anchor plate.

**04-0120F4    Bid Item: 067    C-SUS-SCC.067    Install Suspender Clamps, Separators, Collars**

AMERICAN BRIDGE/FLUOR, A JV

**Labor**

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	APP	ETHAN KENT	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	STANLEY DALIE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	JAMES BENNINGHOVE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	RENE ESQUIVEL	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	JOSE ALFARO	8.00	2.00	0.00	10.00		<input type="checkbox"/>

