



Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 011 Const Calendar Day: 349 Date: 23-Aug-2010 Monday
 Inspector Name: Wright, Doug Title: Transportation Engineer
 Inspection Type: Intermittent
 Shift Hours: 07:30 AM 06:00 PM Break: 00:30 Over Time: 02:00
 Federal ID:
 Location:
 Reviewer: Woods, Mark Approved Date: 19-Oct-10 Status: Approved

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

Weather

Temperature	7 AM	12 PM	4PM
Precipitation			Condition

Working Day If no, explain:

Diary:

Dispute

Tower Activities

Field:

All shear plates and 9m external diaphragms are in place, and all of the shafts are very close to the final position (within 4mm horizontal). I spent all morning checking bearing plate to make sure they can be aligned properly to bear fully on top of the type 2 bearing stiffeners. All bearing plates were checked to see if they were aligned, and if not, that there was enough room between the anchor rod and base plate holes to allow the bearing plate to be shifted to its proper position. The following was observed:

- North shaft: All of the bearing plates were installed except for one on the shaft interior near the C-D corner. I spoke with ABF Engineer Andre Markarian (Andre), and he told me that the size of the holes in that bearing plate were too small, and it did not fit over the rods. He mentioned that they plan to have ZPMC fabricate a new bearing plate with the correct size holes. All other bearing plates either were aligned properly, or had enough room to be moved to their proper position.
- South shaft: All bearing plates were installed. However, 2 of them on the interior of the shaft were misplaced. An A35 plate was placed where an A38 plate belonged, and vice-versa. I mentioned to Andre that it appeared that those 2 plates needed to switch locations, and he concurred. All other bearing plates either were aligned properly, or had enough room to be moved to their proper position.
- East shaft: All bearing plates were installed, and were either were aligned properly, or had enough room to be moved to their proper position.
- West shaft: All bearing plates either were aligned properly, or had enough room to be moved to their proper position.

Note: Inspection of the field work at T1 was being covered today by Sami Daouk and Ae Tern. See their diaries for details of work today.

Office work:

- I reviewed and signed several CCO 36s1 extra work bills.
- I reviewed diaries for Tower field operations.
- I had an informal meeting with METS inspectors Robert Mertz and Bill Levell, and asked that they accompany Construction later in the week to look at the weld joint gaps between the shear plates and the shafts that will later be welded with electroslag. This needs to be done soon prior to base plate grouting that will lock in the geometry of the Tower components. Also, we discussed how best to track welding and welding issues on upcoming Tower work.

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