



Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 025 Const Calendar Day: 188 Date: 15-Mar-2010 Monday
 Inspector Name: Liu, Tai-Lin Title: Transportation Engineer
 Inspection Type: Intermittent
 Shift Hours: 06:50 AM 06:25 PM Break: Over Time:
 Federal ID:
 Location:
 Reviewer: Boal, Brian Approved Date: 09-Oct-13 Status: Approved

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

Weather

Temperature 7 AM 12 PM 4PM
 Precipitation Condition Sunny Day

Working Day If no, explain:

Diary:

Dispute

General Comments

Tai-Lin Liu; Diary on 03/15/10, Monday – Sunny Day:

* Arrived Burma Road office at 6:50 am. Thanh was in office already, he talked to me about criteria for rejecting bolts regarding torque (pre-tensioning) sequence, visual testing the nut turn mark & 10% of bolt testing. Checked his bolting sequence configuration and “write up” with RCSC specification. Called Jason to find out the site situation.

* At 7:35am, saw Gil at parking log when I was going to job site. On the way to W2 site, I met John Callaghan (ABF) and we talked about Thanh’s bolt rejecting criteria. We will talk more when John finished his field work and return to office, we also need talk about Submittal # 1361 R03.

* At top of W2, I talked to Thanh again and METS inspector Rick as well. Crew was working on bolting at south side of CB1. Went in to inside of OBG with Thanh from man hold at top deck of lift 1E. Shelter rooms for 1E/2E splice welding moved to 2E/3E splice location. Went in 2E crossbeam extended section to watch CB1 interior bolting operation – see Jason & Sami there and crew were working on bolting at splice location between CB1 and 2E.

* Based on field inspection & talking to inspectors (METS & Construction), the OBG erection progress up-today were:

- OBG Lift Placement: Placed 5 Lifts – 1E, 2E, 3E, 4E & 1W
- CB Placement: CB1 in progress – Performing initial bolting (64 bolts/pins) at south side of crossbeam, CB1 in cantilever position and hooked up with crossbeam gantry
- OBG Lift Splice Welding:
- Splice 1E/2E:
- Top Deck (Plate A): 100% done including NDT.
- Bottom Skin (Plate D) done but not including removal of backing bar and backgouging
- Stiffener welding: done including NDT.
- Side Plates: South side (Plate C) welded up but not back-gouging yet, North Side (Plate E) not start weld yet
- Edge Plates: Both sides are welded up around 75% done
- Splice 2E/3E:
- Top Deck (Plate A): Fitting up today, Shelter rooms in place
- Bottom Skin (Plate D) welded up but not NDT yet
- Side Plates / Edge Plates: Not start yet
- OBG Lift Splice Bolting:
- Splice 1E/2E:



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Top Rib: South portion - Pins/Bolts (temp), Center and North portion –temp bolts replaced by permanent bolts.

Bottom splice bolts: none

Side splice bolting: Min. required Pins/Bolts (Step 1A)

LD: Done and pre-tensioned but not testing yet

Splice 2E/3E:

Top Rib: 100% done including 10% testing

Bottom splice bolts: Just a few – pins/bolts

Side splice bolting: Min. required Pins/Bolts (Step 1B)

LD: Pins / Bolts

Splice 3E/4E:

Top Rib: 100% installed/tensioned the bolts; 60% bolts been tested.

Bottom splice bolts: Just a few – pins/bolts

Side splice bolting: Min. required Pins/Bolts (Step 1B)

LD: Pins / Bolts

* Left job site at 9:45am and came back to office. Talked to Gil about the field status and bolting issues. Called John Dense to discuss Sub #1361R03 issue and he have no objection for transverse weld at splice vertical attachment for vertical alignment. Forwarded the e-mail that I sent to Callaghan to him for reference. Thanh came back from field continued to discuss the bolting pre-tensioning sequence with Gil, Bob, Jason & myself. CB1 released from gantry at 2:30 pm by completed minimum bolting at north side. Called ABF Callaghan to discuss bolting issue and sub 1361. He showed up my office at 5:05 pm, we (Gil, Thanh, John & I) discussed the issues until 6:15 pm.

The issues we talked about were: Bolt tensioning sequence, Sub # 1361, Team China Punch list, LD splice plate out of tolerance at 3E/4E location, RFI 93 for shear plate at location 4E, etc. Left office around 6:25 pm.

* Worked 3 hours OT today (03/15/10, Monday)