



Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 501 Const Calendar Day: 583 Date: 08-Jan-2014 Wednesday
 Inspector Name: Soheilifard, Saman Title: Transportation Engineer
 Inspection Type: Continuous
 Shift Hours: 07:30 am 06:00 pm Break: 00:30 Over Time: 02:00

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

Federal ID:

Location:

Reviewer: Awal, Mohammad Approved Date: 30-May-14 Status: Approved

Weather

Temperature 7 AM 50 - 60 12 PM 60 - 70 4PM
 Precipitation none Condition Clear

Working Day If no, explain:

Diary:

Dispute

Work description.

Wednesday, January 08, 2014
 Fender Module Erection
 Day 6: Modules RN1B & RN1A



- It was just about 9:00 when Module RN1B was in the water. These modules represent the 7th & 8th of 16 modules erected to-date.
- These modules are both located on the North side of the Tower and are not supported by false work .
- Module RN1B, the first of the two modules installed today is placed next to module RN 4A, which was placed yesterday.
- There was a problem with the adjustment of this module that remained un -resolved until 10:30. At about this time, a diver surfaced shortly after which the workers began the de-tensioning of the high strength rods, thus releasing the spreader beam.
- At 10:45, the spreader beam was removed at which time one could clearly notice the slope between the two corners of the module. According to the Dutra's surveyor, Chad, there is a 1 1/8" of elev. difference the two corners (sloping downward from W. to E.);

I asked Mathew Bruce, CT surveyor, to join me on-site with his Smart Level for a closer inspection of the 7 modules installed to-date. At 12:15, he showed-up to the site and we checked the "Level" on all 7 modules installed to-date: RN4D, RN1C, RN3B, RN1D, RN2B, RN4A, and RN1B. It was determined that except for the module just installed, RN1B, which had a X-slope of 0.7%, the rest of the fenders did not show appreciable amount of X-slope. The length of the wall is 9000mm, which translates into an elevation difference of 63mm from one corner to the other. This is much greater than the number reported to me by Chad.

- At 12:30, module RN1A was loaded and 12:45 it was over water near the T1 foundation.
- At 13:30, crew began installing the temporary PT rods;
- At 13:40, Derek, one of the Ballard divers went in the water ;
- At 13:45, the 5 rods were installed;
- At 13:52, Derek surfaced and Dutra began the de-tensioning of the rods, signaling their satisfaction on the placement of this module;
- At 13:59, the spreader beam was removed;

The following numbers reflect the distance between the faces of the rib and the concrete face of the footing, which should be 500mm according to Section B-B, Plan sheet 992/1204. Each 500mm wide rib was measured at both ends. My survey on this fender resulted in the following numbers:

| | | |
|--------------------|-----|------|
| Fender Module RN1B | | |
| | Eas | West |
| Rib #1 (W.) | 510 | 510 |

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| | | |
|---------------|-----|-----|
| Rib #2 (mid.) | 520 | 520 |
| Rib #3 (E.) | 520 | 520 |

Fender Module RN1A

| | | |
|---------------|-----|-----|
| Rib #1 (W.) | 530 | 530 |
| Rib #2 (mid.) | 530 | 530 |
| Rib #3 (E.) | 510 | 510 |

Between RN1B & RN4A

Gap:99mm (compare to 50mm)
 Ver'l Offset: Level across the gap
 Hor. Offset:15mm (RN4A North of RN1B)

Between RN1A & RN1B

Gap:390mm – Closure (compare with 408mm)
 No appreciable HORIZ. Or VER'L offsets

Knowing that RN1B is sloped from West to East, it is obvious that Dutra matched the vertical & horizontal grade of RN1B when placing RN1A. This is the closure and the grades need to match. However, it is yet to be seen how RN1B & RN4A will be matched. Mike Eddy told me that in order to fix this problem all he needs to do is to loosen the appropriate PT using jacks and that he will address the problem.

- At 14:29, DB Paula pulled away and the installation of 3 permanent and 5 temporary PT rods began;
- There is a U-bar in Module RN1B that is severely bent and needs to be addressed. I showed the reinforcing bar to Mike Eddy and he agreed that corrective measures need to be taken. I asked him to submit a RFI.
- At about 15:30, finished off measurements and survey and headed to the office to read e-mails and find out about my next assignment and to catch up on reports;

SAFETY

At about 12:00 Bill Shedd called me with the news that following the weekly safety meeting tomorrow, there will be a meeting with the CIH at 8:30 (or so) where all parties who are involved with the OBG and Tower work are invited to attend. I said that due to my involvement with Dutra at the T1 footing, I will not be able to attend, but make sure that our QA, Stuart Ross attends. At about 13:50, I called Aaron Prchlik of Alta Vista and asked him to send Stuart to the aforementioned meeting. He accepted.

As of the writing of this report, I read the diaries of the 3 METS inspectors working on the Bike Path, Traveler, and the Tower and did not see in their reports any references to the aforementioned meeting. Maybe, they were told by their bosses not to attend or Aaron Prchlik or another supervisor attended and passed along the information.

04-0120F4 Bid Item: 041 0-000-000.041 ERECT PRECAST CONCRETE FENDER MODULES
DUTRA MATERIALS

| Labor | | | | | | | | | |
|------------------------------------|-------|-----------------|--------|--------|--------|-------|---------|--------------------------|--|
| Trade | Class | Name | RT Hrs | OT Hrs | DT Hrs | Total | Remarks | Dispute | |
| Contractor: DUTRA MATERIALS | | | | | | | | | |
| Barge Captain | | Joe Dunlap | 8.00 | 0.00 | 0.00 | 8.00 | | <input type="checkbox"/> | |
| Piledriver | APP | ROBERT UTLEY | 8.00 | 0.00 | 0.00 | 8.00 | | <input type="checkbox"/> | |
| Piledriver | GEN | TREVER MURRAY | 8.00 | 0.00 | 0.00 | 8.00 | | <input type="checkbox"/> | |
| Piledriver | JNM | SAMI TAVAKE | 8.00 | 0.00 | 0.00 | 8.00 | | <input type="checkbox"/> | |
| Piledriver | JNM | RON TORRES | 8.00 | 0.00 | 0.00 | 8.00 | | <input type="checkbox"/> | |
| Piledriver | JNM | WALTER QUINTERO | 8.00 | 0.00 | 0.00 | 8.00 | | <input type="checkbox"/> | |
| Piledriver | JNM | GILBERT MAYA | 8.00 | 0.00 | 0.00 | 8.00 | | <input type="checkbox"/> | |
| Piledriver | APP | JAMES SAVAGE | 8.00 | 0.00 | 0.00 | 8.00 | | <input type="checkbox"/> | |
| Operator | | Bill Burch | 8.00 | 0.00 | 0.00 | 8.00 | | <input type="checkbox"/> | |
| Supervisor | | dave lumsden | 8.00 | 0.00 | 0.00 | 8.00 | | <input type="checkbox"/> | |

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| | | | | | | | |
|---------------|-----|-------------------|------|------|------|------|--------------------------|
| Barge Captain | | Garret silva | 8.00 | 0.00 | 0.00 | 8.00 | <input type="checkbox"/> |
| Barge Captain | | Ryan Larder | 8.00 | 0.00 | 0.00 | 8.00 | <input type="checkbox"/> |
| Piledriver | JNM | GREG HAUFLE | 8.00 | 0.00 | 0.00 | 8.00 | <input type="checkbox"/> |
| Piledriver | JNM | ben Utoloa | 8.00 | 0.00 | 0.00 | 8.00 | <input type="checkbox"/> |
| Piledriver | JNM | jason | 8.00 | 0.00 | 0.00 | 8.00 | <input type="checkbox"/> |
| Piledriver | JNM | JON - PAUL CHENEY | 8.00 | 0.00 | 0.00 | 8.00 | <input type="checkbox"/> |
| Piledriver | JNM | LUKE HUDSON | 8.00 | 0.00 | 0.00 | 8.00 | <input type="checkbox"/> |

| Equipment | | | | | | Rental Company | |
|------------------------------------|-------------|--------|--------|--------|--------|----------------|--------------------------|
| Equipment ID | Description | RT Hrs | OT Hrs | ST Hrs | IT Hrs | Remarks | Dispute |
| Contractor: DUTRA MATERIALS | | | | | | | |
| *E0110358 | | | | | | No | <input type="checkbox"/> |
| | | 0.00 | 0.00 | 0.00 | 0.00 | | <input type="checkbox"/> |
| *E0100358 | | | | | | No | <input type="checkbox"/> |
| | | 3.00 | 0.00 | 0.00 | 0.00 | | <input type="checkbox"/> |
| *E0660562 | | | | | | No | <input type="checkbox"/> |
| | | 4.00 | 0.00 | 0.00 | 0.00 | | <input type="checkbox"/> |
| *E0620562 | | | | | | No | <input type="checkbox"/> |
| | | 0.00 | 0.00 | 0.00 | 0.00 | | <input type="checkbox"/> |

04-0120F4 Bid Item: 041 0-000-000.041 ERECT PRECAST CONCRETE FENDER MODULES

BALLAD DIVING

| Labor | | | | | | | Remarks | Dispute |
|----------------------------------|-------|----------------|--------|--------|--------|-------|---------|--------------------------|
| Trade | Class | Name | RT Hrs | OT Hrs | DT Hrs | Total | Remarks | Dispute |
| Contractor: BALLAD DIVING | | | | | | | | |
| Underwater Diver | | thomas shelley | 8.00 | 0.00 | 0.00 | 8.00 | | <input type="checkbox"/> |
| Underwater Diver | | michael dant | 8.00 | 0.00 | 0.00 | 8.00 | | <input type="checkbox"/> |
| Marine Coordinator | | DERDK CHASE | 8.00 | 0.00 | 0.00 | 8.00 | | <input type="checkbox"/> |
| Underwater Diver | | ALEX DOSS | 8.00 | 0.00 | 0.00 | 8.00 | | <input type="checkbox"/> |

04-0120F4 Bid Item: 041 0-000-000.041 ERECT PRECAST CONCRETE FENDER MODULES

AMERICAN BRIDGE/FLUOR, A JV

04-0120F4 Bid Item: 078 T-L01-ENE.078 Tower Lift 01 External Paint Tower NE

CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L01-ENW.078 Tower Lift 01 External Paint Tower NW

CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L01-ESE.078 Tower Lift 01 External Paint Tower SE

CERTIFIED COATINGS COMPANY

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Job Name: 04-0120F4 **Inspector Name:** Soheilifard, Saman **Diary #:** 501 **Date:** 08-Jan-2014 **Wednesday**

| | | | | | | | | |
|---|---------------|------------------|---------------------------------------|---------------|---------------|--------------|----------------|--------------------------|
| 04-0120F4 | Bid Item: 078 | T-L01-ESW.078 | Tower Lift 01 External Paint Tower SW | | | | | |
| CERTIFIED COATINGS COMPANY | | | | | | | | |
| | | | | | | | | |
| 04-0120F4 | Bid Item: 078 | T-L01-INE.078 | Tower Lift 01 Internal Paint Tower NE | | | | | |
| CERTIFIED COATINGS COMPANY | | | | | | | | |
| | | | | | | | | |
| 04-0120F4 | Bid Item: 078 | T-L01-ISW.078 | Tower Lift 01 Internal Paint Tower SW | | | | | |
| CERTIFIED COATINGS COMPANY | | | | | | | | |
| | | | | | | | | |
| 04-0120F4 | Bid Item: 078 | T-L01-ISE.078 | Tower Lift 01 Internal Paint Tower SE | | | | | |
| CERTIFIED COATINGS COMPANY | | | | | | | | |
| Labor | | | | | | | | |
| Trade | Class | Name | RT Hrs | OT Hrs | DT Hrs | Total | Remarks | Dispute |
| Contractor: CERTIFIED COATINGS COMPANY | | | | | | | | |
| Painter | JNM | HECTOR GUITTEREZ | 0.00 | 0.00 | 0.00 | 0.00 | | <input type="checkbox"/> |
| Painter | JNM | LUIS PANIAGUA | 0.00 | 0.00 | 0.00 | 0.00 | | <input type="checkbox"/> |
| Painter | APP | RAFAEL SERANO | 0.00 | 0.00 | 0.00 | 0.00 | | <input type="checkbox"/> |
| Piledriver | JNM | ARMANDO ABERTA | 0.00 | 0.00 | 0.00 | 0.00 | | <input type="checkbox"/> |
| | | | | | | | | |
| 04-0120F4 | Bid Item: 078 | T-L01-ISW.078 | Tower Lift 01 Internal Paint Tower SW | | | | | |
| CERTIFIED COATINGS COMPANY | | | | | | | | |
| | | | | | | | | |
| 04-0120F4 | Bid Item: 078 | T-L02-ENE.078 | Tower Lift 02 External Paint Tower NE | | | | | |
| CERTIFIED COATINGS COMPANY | | | | | | | | |
| | | | | | | | | |
| 04-0120F4 | Bid Item: 078 | T-L02-ENW.078 | Tower Lift 02 External Paint Tower NW | | | | | |
| CERTIFIED COATINGS COMPANY | | | | | | | | |
| | | | | | | | | |
| 04-0120F4 | Bid Item: 078 | T-L02-ESE.078 | Tower Lift 02 External Paint Tower SE | | | | | |
| CERTIFIED COATINGS COMPANY | | | | | | | | |
| | | | | | | | | |
| 04-0120F4 | Bid Item: 078 | T-L02-ESW.078 | Tower Lift 02 External Paint Tower SW | | | | | |
| CERTIFIED COATINGS COMPANY | | | | | | | | |
| | | | | | | | | |

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Job Name: 04-0120F4 Inspector Name: Soheilifard, Saman Diary #: 501 Date: 08-Jan-2014 Wednesday

04-0120F4 Bid Item: 078 T-L02-INE.078 Tower Lift 02 Internal Paint Tower NE
CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L02-INW.078 Tower Lift 02 Internal Paint Tower NW
CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L02-ISE.078 Tower Lift 02 Internal Paint Tower SE
CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L02-ISW.078 Tower Lift 02 Internal Paint Tower SW
CERTIFIED COATINGS COMPANY

CCO-289 Bid Item: 001 0-FCP-ELS.289 Fender Closure Pour
DUTRA MATERIALS

CCO-323 Bid Item: 001 0-BCS-ELS.323 Pier T1 Bubble Curtain System
DUTRA MATERIALS

Attachment



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name: Soheilifard, Saman

Diary #: 501

Date: 08-Jan-2014

Wednesday

