



**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 148 Const Calendar Day: 386 Date: 29-Sep-2010 Wednesday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:30 am 03:00 pm Break: 00:30 Over Time:

Federal ID:

Location:

Reviewer: Mathur, Lalit Approved Date: 24-Jan-11 Status: Approved

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

**Weather**

Temperature 7 AM 70 - 80 12 PM 80 - 90 4PM 70 - 80

Precipitation 0.00" Condition Sunny.

Working Day  If no, explain:

**Diary:**

Dispute

**Work description.**

- ABF ironworkers and laborers continued prep-work for the Macalloy rods and concrete surface for the South W2W Hinge K pipe beam assembly erection which was started yesterday afternoon. I monitored the work until 9:30am to help the crew so that the pipe beam could be erected without delay. Overall the erection of the South W2W Hinge K pipe beam was successful with no major issues to my knowledge during the operation.

I still maintain that the concrete surface needs to be blasted per the Special Provisions section 10-1.56 as the wire brush isn't the best method to clean the debris from the surface. Once again the quality of cleaning concrete surface for the South W2W Hinge K pipe beam assembly was marginal. The bond between the concrete and grout might not be as strong as desired however it was cleaned and the shear keys in the concrete and the grid pattern etched in the base plate of the Hinge K pipe beam assembly should provide enough shear resistance.

- See Lalit's diary for ABFs labor, equipment, and operations related to the South W2W Hinge K pipe beam assembly erection.



04-0120F4 Bid Item: 048 0-W2C-CLO.048 W2 Cap Closure Bar reinforcing steel (bridge)

REGIONAL STEEL CORP.

**Diary:**

Dispute

**Work description.** 048 0-W2C-CLO.048

- Continued to use a "thread-chaser" to clean and rethread the female couplers in the lower bikepath pedestal blockout located on the southwest end of the W2 cap beam. After the couplers were rethreaded the ironworker would clean the female couplers with a hand grinder and WD40 prior to placing the male coupler into the female coupler in preparation for applying torque to the rebars.



**Attachment**

## Daily Diary Report by Bid Item

Job Name: 04-0120F4

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ABF ironworker detaching rigging from the spreader beam prior to the pick.



Lifting the W2W North Hinge K pipe beam assembly.



Prep work at the W2W South interface with the W2 cap beam.



Positioning the W2W North Hinge K pipe beam assembly.



ABF ironworkers and laborers preparing the concrete and Macalloy rods for placement of the South W2W Hinge K pipe beam assembly.



Beginning to slide the W2W North Hinge K pipe beam assembly over the Macalloy rods.

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## Daily Diary Report by Bid Item

Job Name: 04-0120F4

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The erection of W2W North Hinge K pipe beam assembly was completed around 1:00pm, to date two pipe beams have been erected at W2.