



Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 153 Const Calendar Day: 393 Date: 06-Oct-2010 Wednesday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00

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 60 - 70 12 PM 70 - 80 4PM 60 - 70

Precipitation 0.00"

Condition Partly overcast to mostly sunny.

Working Day If no, explain:

Diary:

Dispute

Work description.

- Continued to research CCO #166 "E2 Bearings and Shear Keys Surveys" and responded to RFI 2244R00 Clarification of the E2 Survey Template Fabrication. Tai Lin and myself consulted with ABF engineer Zach Lauria before submitting the response into PMIV. Zach didn't have any problems with the response that TY-Lin issued regarding the constructibility of the template specifically related to the welding details.

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

REGIONAL STEEL CORP.

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: REGIONAL STEEL CORP.								
Ironworker	JNM	GABRIEL GARCIA	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	FOR	DAVID GARCIA	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	GEN	LANCE GAIGE	3.00	0.00	0.00	3.00		<input type="checkbox"/>

Diary:

Dispute

Work description. 048 0-W2C-CLO.048

- The ironworkers continued to clean the male/female portions of the couplers with the mini wire grinder and WD40 for the lower west bikepath pedestal blockout located on the south end of the W2 cap beam.
 - Used torque wrench #2010/156605 calibrated 05/19/10 to couple all of the #25 T-Heads ensuring a torque value of 200lb-ft per the HRC manufacturers recommendation. Lance Gage was the ironworker who torqued all of the bars using the aforementioned wrench.
 - Used Threadlocker Red PX #27140 made by Permatex to chemically bond the threads of the 410/420 couplers since the torque wrench was unable to grip the coupler near the face of concrete. The concrete couldn't be chipped in this area due to previously embedded rebar in the concrete.
 - Placed one #25 T-Headed dowel in the previously drilled hole of approximately 14" with Hilti Hit RE 500SD epoxy. The hole was cleaned prior to placement of the #25 bar and epoxy.
 - See RFI# 2243R00 for further details on the last two items described above. Also discussed the double T-Headed rebar to be placed in lieu of the U bars specified on the plans with Jim Davidson and Lance Gaige. These bars are to be placed in the vertical and horizontal direction of the rebar grid at the end of the pedestal near the vertical bearing plate to ensure proper confinement and tensile load resistance.

Attachment

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Job Name: 04-0120F4

Inspector Name: Bruce, Matt

Diary #: 153

Date: 06-Oct-2010

Wednesday



Closeup of completed installation of #25 T-Head bars in the lower southeast bikepath pedestal blockout.



CMC-RS ironworkers using the torque wrench to tighten a #25 T-Headed bar in the lower bikepath pedestal blockout at the southwest end of the W2 cap.