



**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 015 Const Calendar Day: 507 Date: 28-Jan-2011 Friday  
 Inspector Name: Wright, Doug Title: Transportation Engineer  
 Inspection Type: Continuous  
 Shift Hours: 07:00 AM 06:00 PM Break: 00:30 Over Time: 02:00  
 Federal ID:  
 Location:  
 Reviewer: Soheilifard, Saman Approved Date: 31-Jan-11 Status: Approved

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

**Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day  If no, explain:

**Diary:**

Dispute

**Tower Bolting**

Strut bolting operation at Elevation 65m:  
 Aligning and pinning of struts, and installation of A490M bolts was ongoing today for struts E-North, E-South, A-West-Inner, and A-West-Outer at Elevation 65m.

RoCap set # DH4GM300004 (220mm in length) were installed at the following locations:

- Struts A-West-Inner & A-West-Outer Webs adjacent to both the West & South shafts
- Strut A-West-Inner top flange on the diaphragm side in the South shaft
- Strut A-West-Inner top flange on the diaphragm side in the West shaft
- Strut A-West-Outer top flange on the diaphragm side in the West shaft
- Strut E-South top flange on the diaphragm side in the South shaft

RoCap set # DH4GM300012 (230mm in length) were installed at the following locations:

- Strut A-West-Outer top flange on the diaphragm side in the West shaft
- Strut E-North top flange on the diaphragm side in the South shaft

Dimensions checks: The shaft spacing at elevations 89m, 99m, and 109m were measured with the Leica Disto D5. The detailed results have been filed, and are summarized below.

89m:

- Spacing between 'A' skins varied from 2987mm to 2993mm, and were a maximum of 3mm different from the measurements taken during trial assembly in Shanghai.
- Spacing between 'E' skins varied from 1981mm to 1987mm, and were a maximum of 3mm different from the measurements taken during trial assembly in Shanghai.
- Diagonal shaft spacing is 3587mm between the North-South shafts, and 3595mm between the East-West shafts. Plan spacing is 3606m. There are no trial assembly results to compare for these measurements.

99m:

- Spacing between 'A' skins varied from 2976mm to 2992mm, and were a maximum of 4mm different from the measurements taken during trial assembly in Shanghai.
- Spacing between 'E' skins varied from 1973mm to 1987mm, and were a maximum of 3mm different from the measurements taken during trial assembly in Shanghai.
- Diagonal shaft spacing is 3578mm between the North-South shafts, and 3588mm between the East-West shafts. Plan spacing is 3606m. There are no trial assembly results to compare for these measurements.

## Daily Diary Report by Bid Item

**Job Name:** 04-0120F4

**Inspector Name:** Wright, Doug

**Diary #:** 015

**Date:** 28-Jan-2011 **Friday**

109m:

- Spacing between 'A' skins varied from 2986mm to 2997mm, and were a maximum of 8mm different from the measurements taken during trial assembly in Shanghai.
- Spacing between 'E' skins varied from 1984mm to 1991mm, and were a maximum of 4mm different from the measurements taken during trial assembly in Shanghai.
- Diagonal shaft spacing is 3592mm between the North-South shafts, and 3598mm between the East-West shafts. Plan spacing is 3606m. There are no trial assembly results to compare for these measurements.

**04-0120F4      Bid Item: 053      T-L02-STW.053      Tower Lift 02 Strut West Erect structural steel (bridge tower)**

AMERICAN BRIDGE/FLUOR, A JV

**Labor**

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	John Chapman	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	Wu	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	Tan	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	LORENZO PONCE	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	Matthew Greer	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	FOR	KEVIN KARBBER	8.00	0.00	0.00	8.00		<input type="checkbox"/>

