Daily Diary Report by Bid Item

Contract No.: **04-0120F4**

Diary #: **765** **Const Calendar Day:** 229 **Date:** **19-Jan-2013** **Saturday**
Inspector Name: **Bruce, Matt** **Title:** **Transportation Engineer**
Inspection Type: Continuous
Shift Hours: 07:00 am 03:30 pm **Break:** 00:30 **Over Time:** 08:00
Federal ID:
Location:
Reviewer: **Schmitt, Alex** **Approved Date:** **Status:** Submit

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

Weather

Temperature **7 AM** 40 - 50 **12 PM** 50 - 60 **4PM** 50 - 60
Precipitation 0.00" **Condition** Partly cloudy to sunny

Working Day ☐ If no, explain:

Diary: Dispute ☐

Work description.

- Surveyed the following points to ensure that the E2 cap beam was properly locked in with the OBG at panel point 119 with the assistance of Parviz Jalali per the request of TY-Lin designer George Baker:

EPP119CL, WPP119CL, E2CL-South, E2CL-North, and TD2001

The two points labeled E2 are located on the chalk line set by ABF surveyors back in August of 2011 which are the center of the cap beam. Also TD2001 was an old monument established by ABF which has an extensive known history throughout various stages of construction. The time of survey was from 6:30am to 7:45am where the ambient temperature was 45F under fair skies which yielded an average steel temperature of 38F. Also it should be mentioned that the barometric pressure at the time was 30.21"Hg with a wind speed of 3mph from the East direction and the time of sunrise at 7:22am.

- Conducted a level run on the Bearing and Shear Key Center of Rotation with the assistance of Parviz Jalali. The Center of Rotation for the bearing is defined as the center of the solid shaft pin. Similarly the Center of Rotation for the Shear Key is halfway (320mm / 2 = +160mm) between the spherical housing bottom surface. An assumed elevation was used as this survey is a relative measurement between the 8 components to ensure uniform movement when loaded.

- Retrieved backsights on the existing SFOBB piers and put the surveying equipment away, which took time given the locations of surveying.

- Began to process the surveying data measured today for distribution in responding to RFI-3006R00: E2 Bearing and Shear Key Pre-Adjustment Measurements since grouting is scheduled for Tuesday January 22nd.

Attachment

Water seen dripping from the OBG down to the upper housing of the B1 Bearing on the west side.

SMART level placed on the lower housing of the west side of the B3 Bearing.