

Job Stamp

04-0120F4

SFOBB SAS

Const. Calendar: 989

Project Work Day No.: 1199

Date: 08/28/2009

Inspectors	Start	07:00	Stop	12:20
Hours				
Shift Hours		07:00		15:30

ASSISTANT RESIDENT ENGINEER'S

CONTRACTOR – ABFJV, Subs SDI and CMC-RS

HOURS - ITEM NO.

EQUIPMENT AND/OR LABOR:

Equip. #	NO. MEN	DESCRIPTION (Of Equipment or Labor)	#34 Prestressing Cast-In-Place Concrete (Pier W2)	#37 Cable Tie -Down	#48 Bar Reinforcing Steel (Bridge)							IDLE OR DOWN	REMARKS	
													Name	Contractor
1	1	Ironworker Superintendent		8									Ralph Craig	SDI
2	1	Ironworker Journeyman		8									James Carriker	SDI
3	1	Ironworker Apprentice		8									Bounthaby Singharath	SDI
4	1	Pipe Technician		8									Daniel Desmond	P&F Distributors
5	1	Ironworker Foreman			5							3	Gabriel Garcia	CMC-RS
6	1	Ironworker Journeyman			5							3	Daniel Gomez	CMC-RS
7	1	Ironworker Journeyman			5							3	Andrew Dennison	CMC-RS
18-696	1	Pipe Fusing Jig		8										SDI, McElroy
	1	Forklift		8										SDI, Hertz
CH600-8-105	1	Hydraulic Ram (Strand)										8		SDI
HPU-D-110-3K-02	1	Hydraulic Pushing Unit										8		SDI
SDI-HPU-D-110-3K	1	Hydraulic Pushing Unit										8		SDI
HPU-E-20-10K-03	1	A Frame										8		SDI
	1	A Frame (600 Ton)										8		SDI
SPH.60.3K.06	1	Strand Pushing Guide										8		SDI
SPH-60-3K-04	1	Strand Pushing Guide										8		SDI
	1	Strand Pack Spool Jig										8		SDI
	1	Winch w/combustible motor										8		SDI
	2	Winch w/out motor										8		SDI
	1	Connex Box										8		SDI

Weather: Partly overcast with mild temperature – Hi 85°F Low 63°F (per weather.com forecast)

Description of Operations @ W2 Cap Beam:

ABF

- Continued to grind/sand the bottom surface of the W2 cap beam.
- Continued to remove the formwork in the southeast quadrant of the W2 cap beam void area, see David Bradd and Lalit's diaries for details as this is force account work.
- Continued to weld stiffner plates to the south support stringer W36x300 beam with triangular supports.

REC'D H21 OCT-13 #011122

**SDI**

- Continued to fuse together the HDPE pipe into three sections (2 fused butt splices) for the cable tie-down sheathing which encases the cable tie down strands. A total of 10 approximately 120ft long pipes were completed today with the assistance of P&F Distributor technician Dan Desmond. I watched this operation intermittently as it appeared that the procedure was followed to fuse the HDPE pipe together. The technician was training the SDI ironworkers on how to do the procedure. The hot plate was placed in between the pipes for 4 to 4.5 minutes and was held under pressure for approximately 20 minutes until the pipe joint was fully "cured". A few of the joints were visually inspected after the 120ft section was lifted by forklift (rented by SDI) and placed on dunnage. There appeared to be no damage/deformation to the joint. Mike Schwager was on site for the last two days.

**CMC-RS**

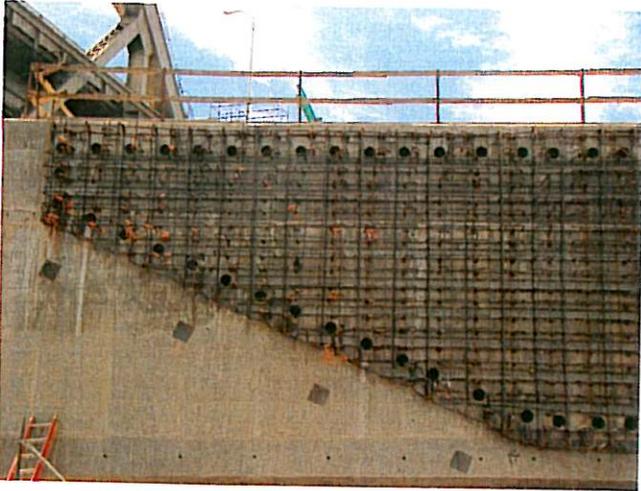
- Placed the #19 "U" bars per RFI 1721R00 on the closure reinforcement at W2E and W2W. The ironworkers completed this task before lunch and were not onsite for the rest of the day.

**Office Work:**

- Began to As-Built the #19 horizontal hooked bars (dowel or coupled bar) placement at the W2E construction joint. My initial count yielded 875 (904 total per RFI 1721R00) #19 bars installed at W2E by using photographs of the rebar. I informed Gil that ABF may not have drilled all of the holes. I have yet to fully inspect this work due to watching SDI's current operations of fusing the HDPE pipe and preparing for stressing of the vertical PT tendons. It is likely that an accurate count can't be done by photo or standing on the soffit and therefore climbing is necessary, which takes time. I also asked Andrew Baumberger of TY-LIN if they ever verified the total number of #19 hooked bars in the construction joint per the RFI, he said they didn't.
- Wrote Tuesdays diary and began to write Wednesdays diary.

**Inspector:**

Matt Bruce *Matt Bruce* Transportation Engineer (D)

EA	04-0120F4		
Co-Rte-KP (PM)	SF-080-13.2/13.9 (8.2/8.7)		
Structure Rep.	Rick Morrow		
			
File Name:	Aug-28-2009 W2 Cap 008		
Date:	08-28-09	By Int:	M Bruce
Description: Photo of the south end of the W2E construction joint reinforcement. This photo was printed on an 11x17 sheet to try and count the horizontal #19 bars.			
File Name:	Aug-28-2009 W2 Cap 009		
Date:	08-28-09	By Int:	M Bruce
Description: Photo of the center section of the W2E construction joint reinforcement. This photo was printed on an 11x17 sheet to try and count the horizontal #19 bars.			

EA	04-0120F4
Co-Rte-KP (PM)	SF-080-13.2/13.9 (8.2/8.7)
Structure Rep.	Rick Morrow



File Name:	Aug-28-2009 W2 Cap 010
Date:	08-28-09
By Int:	M Bruce

Description: Photo of the north end of the W2E construction joint reinforcement. This photo was printed on an 11x17 sheet to try and count the horizontal #19 bars.



File Name:	Aug-28-2009 W2 Cap 005
Date:	08-28-09
By Int:	M Bruce

Description: SDI fusing together the HDPE pipes for the cable tie down sheathing.



File Name:	Aug-28-2009 W2 Cap 006
Date:	08-28-09
By Int:	M Bruce

Description: HDPE pipe jig used to fuse the pipe and hold it under pressure until the joint is fully cured.



File Name:	Aug-28-2009 W2 Cap 014
Date:	08-28-09
By Int:	M Bruce

Description: SDI operation of fusing the HDPE pipe seen from the "W" line temporary towers.