

Job Stamp 04-0120F4 SFOBB SAS

Const. Calendar:	790			
Project Work Day No.:	1000			
Date	02/10/2009			
Inspectors	Start	08:00	Stop	12:30
Hours		14:00		14:40
Shift Hours		07:00		15:30

ASSISTANT RESIDENT ENGINEER'S CONTRACTOR – ABFJV, Subs CMC-RS and SDI

Weather: Partly overcast in the morning with cool to mild temperature, overcast in the afternoon with moderate winds from the west with cool temperatures – Hi 55°F Low 43°F (per weather.com forecast)

Description of Operations @ W2 Cap Beam:

ABF

- Began to strip the seismic joint forms near W2E starting from the south.
- Began to install vertical PT bar and tendon blockout forms near W2W.
- Continued to remove channels on the deviation saddle forms at W2E (Panel B).
- Began to cover with plywood the deviation saddle erection rods and the cable tie down pipes.
- Surveyors began to as-built the top of concrete and deviation saddle erection rods for pour 6 south and continued to as-built the deviation saddle anchor rods at Panel B of W2E.

CMC-RS

- Completed placing the #43 transverse and #25 longitudinal bars for pour 6 north and began to tie these bars to the #25 vertical hooked bars.

Description of Operations @ E2 Cap Beam:

SDI

- Stressed 7 tendons starting with #6 in the sequence on the south end looking north while I was in the field. Massoud, Gil and myself were monitoring the stressing operations which were completed today. See Massoud's diary for details regarding the elongations as he recorded the numbers read by the ironworkers after measuring. To my knowledge the stressing operation went well as the wedges seated properly, the strand didn't slip, and the elongations were within the $\pm 7\%$ tolerance as 100% P_{jack} was achieved every time.

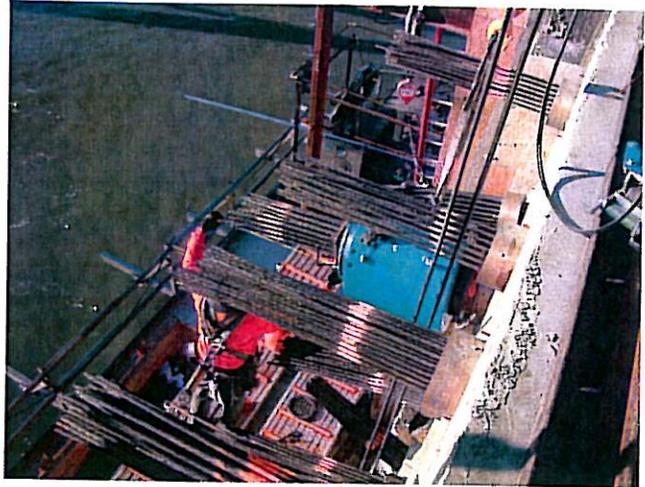
Office work:

- Attended weekly staff (Temp. Towers and Caps) meeting at 1:00pm.
- Wrote today's 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

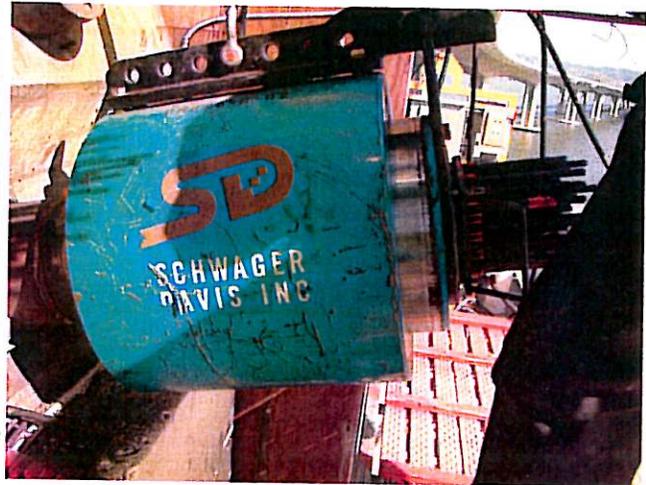


File Name:	Feb-10-2009 W2 Cap 001		
Date:	02-10-09	By Int:	M Bruce

Description: Single-end stressing operation in progress looking towards the east from the top of the E2 cap beam.

File Name:	Feb-10-2009 W2 Cap 004		
Date:	02-10-09	By Int:	M Bruce

Description: Ironworker measuring the elongation of the strands at 100% P_{jack} . To my knowledge all of the elongations were within the specified tolerance of $\pm 7\%$. The strands were measured while the ram was extended and when it was retracted to measure the anchor set of the wedges.



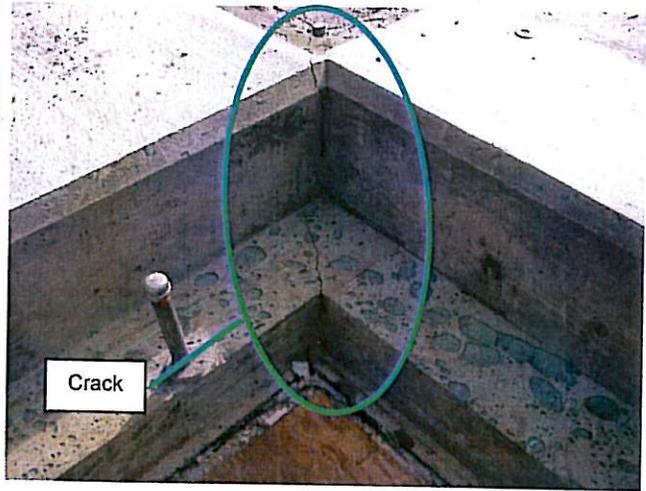
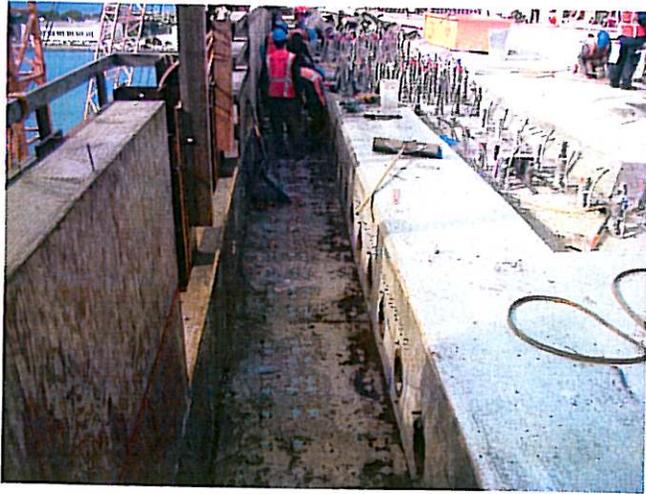
File Name:	Feb-10-2009 W2 Cap 007		
Date:	02-10-09	By Int:	M Bruce

Description: SDI "A" frame with pump used to support the ram looking south.

File Name:	Feb-10-2009 W2 Cap 013		
Date:	02-10-09	By Int:	M Bruce

Description: The ram piston had to be retracted and the wedges on the gripper plate reset to achieve the calculated elongation. Also multiple guide plates had to be used to position the ram to avoid the concrete.

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



File Name:	Feb-10-2009 W2 Cap 019		
Date:	02-10-09	By Int:	M Bruce

Description: ABF piledrivers removing the seismic joint breakout forms near W2E. Also the standing water on the surface of the vertical PT tendon breakout was pumped out.

File Name:	Feb-10-2009 W2 Cap 020		
Date:	02-10-09	By Int:	M Bruce

Description: Cracks were found at the cable tie down breakout concrete especially in the corners.