

dkm

Job Stamp
04-0120F4
SFOBB SAS

Const. Calendar: 981
Project Work Day No.: 1191
Date: 08/20/2009
Inspectors Start 07:20 Stop 10:40
Hours 12:40 14:40
Shift Hours 07:00 15:30

ASSISTANT RESIDENT ENGINEER'S

CONTRACTOR - ABFJV

HOURS - ITEM NO.												REMARKS			
Equip. #	NO. MEN	DESCRIPTION (Of Equipment or Labor)	#37 Cable Tie -Down												
EQUIPMENT AND/OR LABOR:															

Weather: Overcast in the morning to partly overcast in the afternoon with moderate winds from the west, mild temperatures all day – Hi 74°F Low 57°F (per weather.com forecast)

Description of Operations @ W2 Cap Beam:

- ABF
- Continued to grind/sand the vertical surfaces of the W2W cable tie-down precast slab.
 - Began to grind/sand the bottom surface of the W2 cap beam.
 - Continued to remove the formwork in the northwest W2 cap beam void area, see David Bradd and Lalit's diaries for details as this is force account work.
 - Continued to bolt the strandjack toggle beams to the 3 soffit cap beams. The only connection for vertical loads is a horizontal weld between the flanges of the two beams.
 - Attempted to install (then removed) 5 bottom bearing pipe assemblies in the W2E foundation grillage. Installation began on the north tendons at W2E progressing east, see photos below for additional details.

Office work:

- Wrote today's diary.
- Wrote an email to Mark Schinler regarding access to the pier on the southeast corner of Treasure Island for surveying the bridge.
- Continued to review pertinent documents related to the cable tie-down installation/stressing.
- Began to review RFI 1798R1 regarding the procedure to drill and bond the #19 dowels at the W2 cap beam to OBG construction joint.

Inspector:

Matt Bruce *Matt Bruce* Transportation Engineer (D)

REC'D *09 AUG 28 #010890

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

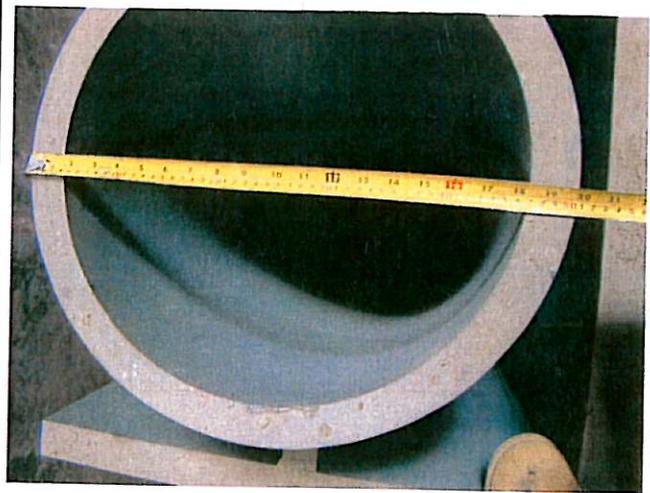
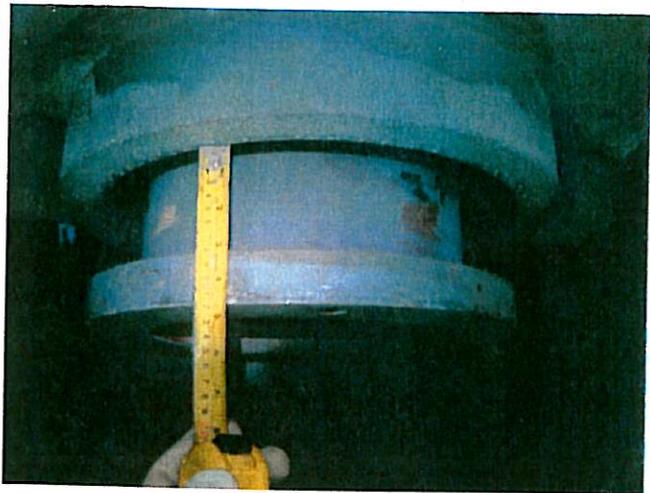


File Name:	Aug-20-2009 W2 Cap 008
Date:	08-20-09
By Int:	M Bruce

Description: Future grouting pipe 90° connection rewelded to the bottom bearing pipe assembly. There also appears to be a coating of zinc primer around the area of rework.

File Name:	Aug-20-2009 W2 Cap 009
Date:	08-20-09
By Int:	M Bruce

Description: Rust on the inner wall of the bottom bearing pipe assembly.



File Name:	Aug-20-2009 W2 Cap 010
Date:	08-20-09
By Int:	M Bruce

Description: The measurement from the W2E foundation grillage pipe to the top of the bottom bearing pipe assembly was 80mm. Per the shop drawings there needs to be 100mm for the 2 shim plates that get placed in between the pipes.

File Name:	Aug-20-2009 W2 Cap 012
Date:	08-20-09
By Int:	M Bruce

Description: The measured OD of the foundation grillage pipe at W2E was 505mm. The theoretical value is 509mm per the contract drawings. Two of the W2E foundation grillage pipe lengths were measured to be 1.700m, which is the theoretical length.

This form must be readily available at the confined space during the time work is in progress. After work is completed, give to your supervisor for retention.

DESCRIBE WORK TO BE DONE
Bottom anchor assembly for cable tie-down installation

DATE AUTHORIZED *08/20/09* TIME AUTHORIZED FROM *12pm* TO *16pm*

LOCATION OF CONFINED SPACE
Bottom footing of the south column next W2 SAs

LOCATION OF WORK WITHIN CONFINED SPACE (DRAW SKETCH BELOW, ESTIMATE AND SHOW DISTANCE AND DIRECTION FROM WORK ACCESS)

PRE-WORK APPROVAL	CREW SUPERVISOR'S SIGNATURE <i>G. Klebanov</i>	DATE (Must be signed on date of issue) <i>08/20/09</i>
CONFINED SPACE ENTRY APPROVAL	ENTRY SUPERVISOR'S SIGNATURE <i>A. K. Myer</i>	DATE (Must be signed on date of issue) <i>08/20/09</i>

EMPLOYEES AUTHORIZED TO ENTER CONFINED SPACE

ENTRY SUPERVISOR	<i>Lalit Mathur</i>	
LOOKOUT PERSON/ATTENDANT	<i>Lalit Mathur</i>	
ENTRANTS	<i>Matt Bruce</i>	

CHECKLIST ON OTHER SIDE MUST BE COMPLETED BEFORE ENTRY

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CONFINED SPACE ENTRY CHECKLIST
 PHS-0040B (REV. 5/1998)

NOTE: THE ENTRY SUPERVISOR INITIALS ITEMS 1-3 AND 5-7, ENTER SPACE ONLY AFTER THE PROCEDURES LISTED BELOW HAVE BEEN COMPLETED.

1. Review Code of Safe Practices for entry and work in confined spaces. AKM
 INITIAL

2. Review emergency/rescue procedures. Ensure emergency rescue equipment/personnel are available for removing disabled worker from space. AKM

3. Assure that confined space has adequate ventilation. AKM

4. Atmospheric testing	ENTRANCE		INSIDE	
	METER READING	INITIAL	METER READING	INITIAL
% Oxygen	20.9	MB	20.9	MB
Combustibles (%Lower Explosive Limit - LEL)	0	MB	0	MB
Carbon Monoxide	0	MB	0	MB
Hydrogen Sulfide	0	MB	0	MB

NOTE: If the atmosphere tests hazardous - STOP - DO NOT ENTER; contact entry supervisor. Hazardous is defined as oxygen level below 19.5%, or a combustible gas content greater than 1% LEL, or carbon monoxide greater than 25 ppm, or hydrogen sulfide greater than 10 ppm.

5. Suitable lighting provided in work area. AKM
 INITIAL

6. Effective means of providing continuous communication between standby person and worker(s) in confined space. AKM

7. Assure that atmosphere will be tested during work within confined space. AKM
NOTE: If atmosphere becomes hazardous, all workers shall STOP WORK and LEAVE CONFINED SPACE IMMEDIATELY - DO NOT RE-ENTER; contact entry supervisor.

I have determined to my satisfaction that the above procedures have been completed and it is safe to enter and work in this confined space.

ENTRY SUPERVISOR'S SIGNATURE AKM 8-20-09

LOOKOUT PERSON/ATTENDANT'S SIGNATURE AKM 8-20-09

INITIALS OF OTHER WORKERS/ENTRANTS ENTERING CONFINED SPACE
MB | | | | |