

STATE OF CALIFORNIA	Job Stamp	7-day Const. Calendar	Day No. 713
DEPARTMENT OF TRANSPORTATION	SFOBB SAS	Project Work Day No.	Day No. 923
Form HC-10A (Rev. 6/80)	04-0120F4	Date	11/25/2008

Weather: Overcast and cool

Inspectors Hours	Start	0600	Stop	1600
Shift Hours	Start	0630	Stop	1700

ASSISTANT STRUCTURE REP.
JASON WILCOX

CONTRACTOR – TRAYLOR DUTRA JV

HOURS - ITEM NO.												REMARKS	
EQUIPMENT AND/OR LABOR:			REGULAR	OVERTIME	DOUBLE TIME	NIGHT PAY					IDLE OR DOWN	Name Contractor	
Equip. #	N O - M E N	DESCRIPTION (Of Equipment or Labor)										Name Contractor	
		Traylor Dutra											

RECT 09 JAN 05 #008185

Description of Operation:
Erect Temporary Towers: Tower F Driving Frame Assembly

The bolt testing for the Direct Tension Indicator washers happened this morning. I reviewed the procedure called for by the manufacturer this morning from 6:00 to 7:00 am. When I arrived at the site I spoke with Sean Heydan about which lots were going to be used to make sure that no new lots were being used. All of the lots of nuts, bolts, and washers were tested on the South node of Tower F and Klohn Crippen Berger approved the results. The proposed washers are made by Applied Bolting Technologies and I saw them being pulled out of the buckets they were delivered in. It took a while to gather the test assemblies and bring them to the testing location in the warehouse, but by 8:00 am they were starting the test. They had difficulties with the compressor at first, but this was taken care of.

They started by using a 6" x 6" plate as a spacer in the skidmore machine, (first machine SN 15532, second machine SN 5664), the DTI washer face down on the plate, then a 436 washer, followed by the nut. The first 5 tests did not yield the desired 6 "squirts" of silicone that the manufacturer calls for, (# of "squirts" – 1, i.e. 7 – 1 = 6). There were 4 or 5 "squirts" with a bolt tension upward of 90 kips. After the fifth failed attempt, I suggested using another piece of steel to compress the DTI washer against because the one they are using did not have a smooth, uniform surface. Once one was located the tests went very well. Gina Rizzardo tabulated the results and they are attached.

After the bolt testing I took grout cylinders up to Sacramento to the Translab.

Attended the 1:30 pm meeting with ABF. Details can be seen in the meeting minutes. Most dates were confirmed on the 4 week look ahead. Bill O'Sullivan from ABF said they did not expect to have to drive the PDA piles any further than the required 75 mm or 50 blows. He also said they plan to retap on December 1 and December 2, 2008. Once this is done and accepted, they will weld the connection plates for those piles, then grout them.

46-02

After the meeting I got together with Gina to go over the results of the bolt testing. After this, I wrote the diary for the day.

OVERTIME: Accrued 1 hour of overtime covering the contractors operations and compiling data for bolt testing for Tower F North node.

Inspector:

Jason Wilcox



Transportation Engineer (D)/Asst. Structure Rep.

BOLT TESTING
TEMP TEST TO 1000 F
AEF WAF 50115E

NOV 26 2000
2:40 PM

SKIDMORE #1 CALIB. 2/00, TUE: 3/01
15532

SKIDMORE #2 CALIB. 7/01, TUE: 7/01
15532

Description	Lot	# Lots
1-1/8 STRUC FLT WSHR F436	0708-134	2
	1107-806	
1-1/8 7 HVY HEX NUT	MR981	3
	MR991	
	MW782	
1-1/8 7x3.25 A490 HEX BOLT	240021A	1
1-1/8 7x3.75 A490 HEX BOLT	244915A	1
1-1/8 7x4.25 A490 HEX BOLT	240031A	2
	242384A	
1-1/8 7x4.50 A490 HEX BOLT	219560A	2
	244909A	
1-1/8 7x5.50 A490 HEX BOLT	232660A	2
	240041A	
1-1/8 7x6.0 A490 HEX BOLT	235319A	1

IMPACT GUN #1 CALIB. 1
GUN #2 CALIB. 1
PRESENT
J. WILSON S. WARDEN V. DEWHA P. HESSER
E. BERRARD T. MURPHY P. O'LEARY
INTERIM GANT
I. LE S. CARPENTER
M. VICKERS

ASSEMBLY	BOLT LENGTH	TENSION	# of SCRAPTS	SKIDMORE	GUN	OPERATOR
1	6.5"	81 ^h 90 ^h	4 6	1	1	
2	6.5"	81 ^h 90 ^h	4 6	1	1	
3	6.5"	81 ^h	4	1	1	
4	6.5"	81 ^h 90 ^h	4 6	1	1	
5 ↳ COVERED GAUGE	6.5"	94 ^h	6	1	1	
6 ↳ ADDED PLAT STEEL WASHER	4.25"	81 ^h	7	2	1	
7	4.25"	85 ^h 88 ^h	7 7	2	1	

THE FOLLOWING DATA WAS OBTAINED BY COVERING THE SKIDMORE, TIGHTENING THE ASSEMBLY UNTIL AN ISOLOID SCRAPTS WERE IN THE SCREW IN THE FIBROUS TISSUE, THEN CHECKING THE GUN GAUGE

8	4.25"	82	7	2	1	VENTURA
9	4.25"	84	7	2	1	VENTURA
10	4.25"	83	7	2	1	VENTURA
11	4.25"	82	7	2	1	VENTURA
12	4.25"	82	7	2	1	TEMPAGA
13	4.25"	82	7	2	2	BOHNE
14	4.25"	82	7	2	2	BOHNE
15	4.25"	82	7	2	2	BOHNE
16	4.25"	85	7	2	2	BOHNE
17	4.25"	85	7	2	2	BOHNE
18	4.25"	85	7	2	2	BOHNE

ASSEMBLY	BOLT LENGTH	TENSION	# of SUPPORTS	SOUNDING	GUN	OPERATOR
18	4.25"	84K	2	2	2	ROBERT
19	4.25"	84K	2	2	2	ROBERT
20	4.25"	84K	2	2	2	ROBERT
21	4.25"	84K	2	2	2	ROBERT