

STATE OF CALIFORNIA	Job Stamp	7-day Const. Calendar	Day No. 567
DEPARTMENT OF TRANSPORTATION	SFOBB SAS	Project Work Day No.	Day No. 777
Form HC-10A (Rev. 6/80)	04-0120F4	Date	7/2/2008

Weather: Overcast and cool

Inspectors Hours	Start	0630	Stop	1700
Shift Hours	Start	0630	Stop	1700

ASSISTANT STRUCTURE REP.  
JASON WILCOX

CONTRACTOR – ABFJV

HOURS - ITEM NO.												REMARKS	
Equip. #	N O - M E N	DESCRIPTION (Of Equipment or Labor)	REGULAR	OVERTIME							IDLE OR DOWN	Name Contractor	
												Name	Contractor
		Traylor Dutra											

**Description of Operation:**

Today the crew at the DB5 are tightening the bolts of the North Tower D driving frame. Gina Rizzardo will be observing this operation and will have the detailed diary for it. I came out to the site to speak with whomever is in charge of this operation and let them know that since they brought out a new torque wrench, it needs to be calibrated and used on the Skidmore as called for in the Structural Bolting Handbook. In short, this is what they are doing out there. They are installing bolts into the connection and tightening them with a spud wrench or similar. They are then numbering the bolts in a pattern that is consistent with the SSTC handbook, starting in the center and working their way out radially. They then bring a 3/4" shaft air gun and tighten the bolts in the same pattern, twice. Then they are using this new torque wrench, which is set to achieve 84 ft-lbs of torque, in unison with a multiplier, to achieve the minimum tension in the bolt of 84 kips tension. They then verify the torque with the torque wrench used during the first testing of the bolts and wrenches in the pre-installation test. They test 4 bolts per connection, and if any of the do not come up to the right torque, they test all of the bolts in the connection.

Thanh Le is observing the pile installation today and will have the detailed diary. While I was on site, they did not lift any piles into position because the holes in the pile used for lifting were too far below the top of the pile. This prevented the picking device from getting a grip on the pile. By the end of the day they were able to install all 8 of the piles into position. They will vibrate as many as they can tomorrow.

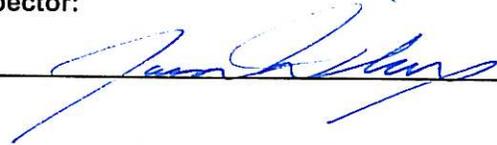
The tugboat Becky T, Captain Frank Wouters, and Deck Hand Matt Morton spent 2 hours touring the job site on the water covering T1, E2, and the moorings out in the bay. They circle the areas looking for nesting birds, or evidence of a nest as called for in the Special Provisions and compensated by CCO 13 of this contract.

The Western Gull and its hatchling continue to inhabit the nest on the Southwest corner of the T1 footing.

OVERTIME: No overtime today.

**Inspector:**

Jason Wilcox



Transportation Engineer (D)/Asst. Structure Rep.