

Job Stamp

04-0120F4
 SFOBB SAS

Const. Calendar Day No 069
 Project Work Day No. 1279
 Date 11/16/2009
 Shift Hours Start 6:30 Stop 3:30
 Inspector Shift 7:00 AM to 6:00 PM

ASSISTANT STRUCTURAL
 REPRESENTATIVE.

CONTRACTOR - ABFJV

EQUIPMENT AND/OR LABOR:		HOURS - ITEM NO.								REMARKS		
Equip. #	NO. MIN.	DESCRIPTION (Of Equipment or Labor)	Regular	Over Time	Surveying					IDLE OR DOWN	Name	Contractor
		1 Temp tower and trusses										
		Iron Worker Foreman	8								Ed Meyer	ABF/ JV
		Iron Worker App.	8								Matthew Cochran	ABF/ JV
		Iron Worker Jrny	8								Stanley Dalie	ABF/ JV
		Iron Worker Jrny	8								Jerry Kubala	ABF/ JV
		Iron Worker Jrny	8								Kevin Ratcliffe	ABF/ JV
		Iron Worker App.	8								Chris Biskner	ABF/ JV
		Iron Worker Jrny	8								Robert Russell	ABF/ JV
		Iron Worker App.									Jeffrey Blizzard	ABF/ JV
		Iron Worker Foreman									Carlos Valverde	ABF/ JV
		Iron Worker Jrny									Steven Batiste	ABF/ JV
		Iron Worker App.									Jose Corona	ABF/ JV
		Iron Worker Jrny									Webb Daryyl	ABF/ JV
		Iron Worker Jrny									Josue Galvan	ABF/ JV
		Iron Worker Jrny									Gabriel Rios	ABF/ JV
		Iron Worker App									Ryan Evanchik	ABF/ JV
		Iron Worker Foreman	8								James Sturgeon	ABF/ JV
		Iron Worker	8								Matt Chamberlain	ABF/ JV
		Iron Worker App. Mechanic	8								Ronald Damerall	ABF/ JV
		Iron Worker	8								Eduardo Jimenez	
		Iron Worker Jrny	8								Casey Lux	ABF/ JV
		Iron Worker Jrny	8								Mike Maday	ABF/ JV
		Iron Worker Jrny	8								Barry Rothman	ABF/ JV
		Iron Worker Jrny	8								Jaime Baragan	ABF/ JV
		Iron Worker Foreman	8								David Lucero	ABF/ JV
		Iron Worker Jrny	8								Matt Holt	ABF/ JV
		Iron Worker Jrny	8								James Laahs	ABF/ JV
		Iron Worker Jrny	8								Aaron Kent	ABF/ JV
		Iron Worker Jrny	8								Ethan Kent	ABF/ JV
		Iron Worker Jrny	8								Jose Meza Amaya	ABF/ JV

46.02



- 1.
2. Torquing of cross beams between truss segments 14 and 15 fields splice E 20.
3. Torquing bolts of collar beams around E2 east pier column.
4. Bolting and torquing of cross beam connections between upper truss chords and lower truss chords.
5. Installing upper part of tower h column to the truss segment 15 and 16 at berth 7.
6. Moving Shear Leg barge to E2 and positioning it for lifting and erection of truss segments 15 and 16 in W line.
7. Swapping bolts at connection plates of truss segment 17 at berth 7.
8. Preparation work for shipment of prefabricated Walkways to E2 for Erection.
9. Bolt testing: ABF tested the newly delivered shipment of bolts, 7 sizes of bolts from 3 ¼" to 7 ½" the lot numbers and the test results are logged and attached to this report.

Miscellaneous

Additional Work on/off site:

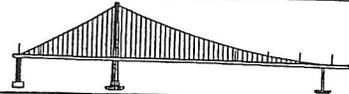


1. Sorting bolts to be used for splicing truss sections. .
2. Test welding by submerge arc-welding machine in un-even gaps.
3. Testing of weld samples for weld coupons and welders' qualification.
4. I worked 2 hours overtime to cover contractor's bolt testing operation.
5. Miscellaneous works.

Inspector:

Masoud Modanlou

Trans Engineer (C)/Asst. Struct. Rep



**Temporary Tower High-Strength Bolting
 Pre-Installation Verification Report**

Project: SFOBB Self-Anchored Suspension Bridge **Contract No.:** 04-0120F4

Location: PIER 7 **Date:** 11-16-09

- In-progress
- Final

Inspector: BARRY DAAKE

	DIA	LENGTH	LOT
BOLT	1 1/8	7.5	141365B
NUT	"		
WASHER	"		

	MODEL	SERIAL NO.	CALIB. DUE DATE
SKIDMORE	M5	15532	7-17-2010
TORQUE WRENCH			

ASSEMBLY	TIME	TURNS	TENSION	REQUIRED	TORQUE	P/F	COMMENTS
1	22	1/2	85	84		P	
2	31	}	84	}		P	
3	18	}	87	}		P	

	DIA	LENGTH	LOT
BOLT	1 1/8	5.0	206982B
NUT	}		
WASHER	}		

	MODEL	SERIAL NO.	CALIB. DUE DATE
SKIDMORE			
TORQUE WRENCH			

ASSEMBLY	TIME	TURNS	TENSION	REQUIRED	TORQUE	P/F	COMMENTS
1	13	1/2	95	84		P	
2	20	}	91	}		P	
3	27	}	93	}		P	

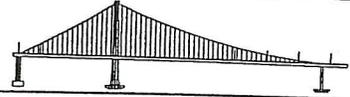
	DIA	LENGTH	LOT
BOLT	1 1/8	3.75	240026A
NUT	}		
WASHER	}		

	MODEL	SERIAL NO.	CALIB. DUE DATE
SKIDMORE			
TORQUE WRENCH			

ASSEMBLY	TIME	TURNS	TENSION	REQUIRED	TORQUE	P/F	COMMENTS
1	8	1/3	92	84		P	
2	9	}	95	}		P	
3	10	}	84	}		P	

PROCEDURE

- Prior to the start of bolting operations, obtain three complete *fastener assemblies* of each combination of diameter, length, grade and *lot* to be used in the work
- Install them in the Skidmore and determine fastener tension by the Turn-of-Nut method
- Record time in seconds to achieve required turns
- Apply a calibrated torque wrench to the fastener assembly to determine the torque associated with the fastener tension achieved by the Turn-of-Nut method



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Project: SFOBB Self-Anchored Suspension Bridge | **Contract No.:** 04-0120F4

Location: PIER 7

Date: 11-16-09

- In-progress
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Inspector: BARRY DRAKE

	DIA	LENGTH	LOT
BOLT	1 1/8	3.5	232669A
NUT	1		
WASHER	1		

	MODEL	SERIAL NO.	CALIB. DUE DATE
SKIDMORE	MS	15532	7-17-2010
TORQUE WRENCH			

ASSEMBLY	TIME	TURNS	TENSION	REQUIRED	TORQUE	P/F	COMMENTS
1	11	1/3	95	84		P	
2	12	1	89	1		P	
3	7	1	84	1		P	

	DIA	LENGTH	LOT
BOLT	1 1/8	3.25	215889B
NUT	1		
WASHER	1		

	MODEL	SERIAL NO.	CALIB. DUE DATE
SKIDMORE			
TORQUE WRENCH			

ASSEMBLY	TIME	TURNS	TENSION	REQUIRED	TORQUE	P/F	COMMENTS
1	10	1/3	90	84		P	
2	10	1	95	1		P	
3	9	1	95	1		P	

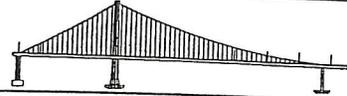
	DIA	LENGTH	LOT
BOLT	1 1/8	4.25	232665B
NUT	1		
WASHER	1		

	MODEL	SERIAL NO.	CALIB. DUE DATE
SKIDMORE			
TORQUE WRENCH			

ASSEMBLY	TIME	TURNS	TENSION	REQUIRED	TORQUE	P/F	COMMENTS
1	8	1/3	90	84		P	
2	6	1	85	1		P	
3	7	1	91	1		P	

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Location: PIER 7

Date: 11-16-09

- In-progress
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Inspector: BARRY DRAKE

	DIA	LENGTH	LOT
BOLT	1 1/8	4.0	237680
NUT	1		
WASHER	1		

	MODEL	SERIAL NO.	CALIB. DUE DATE
SKIDMORE	M5	15532	7-17-2010
TORQUE WRENCH			

ASSEMBLY	TIME	TURNS	TENSION	REQUIRED	TORQUE	P/F	COMMENTS
1	9	1/3	95	84		P	
2	6	7	89			P	
3	7	7	85			P	

	DIA	LENGTH	LOT
BOLT			
NUT			
WASHER			

	MODEL	SERIAL NO.	CALIB. DUE DATE
SKIDMORE			
TORQUE WRENCH			

ASSEMBLY	TIME	TURNS	TENSION	REQUIRED	TORQUE	P/F	COMMENTS
1							
2							
3							

	DIA	LENGTH	LOT
BOLT			
NUT			
WASHER			

	MODEL	SERIAL NO.	CALIB. DUE DATE
SKIDMORE			
TORQUE WRENCH			

ASSEMBLY	TIME	TURNS	TENSION	REQUIRED	TORQUE	P/F	COMMENTS
1							
2							
3							

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