

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 CP-CEM 4601 (Rev. 4/99) (Old HC-10A)

TOLL PROGRAM/DIST. 4 CONSTR.

Job Stamp:
 04-SF-80-13.2/13.9 04-0120F4
 SFOBB SAS
 San Francisco Co. in San Francisco
 Fm 0.6 km to 1.3 km East of Yerba Buena
 Tunnel East Portal

7-day Const. Cal.: 597
 Project Work Day: 807
 Date the Shift Began: 8/1/08
 NIGHTWORK FRIDAY
 Shift Hrs Start 6:30 Stop 15:00
 Engineer's Hrs Start 7:30 Stop 16:00

ASSISTANT RESIDENT ENGINEER'S DAILY REPORT
BRIDGE

Location: Temporary Tower D - Big Digger Report No. 46.B Weather: Clear, 59° - 65°
 Remark:

EQUIPMENT AND/OR LABOR:			HOURS - ITEM NO.					Furnish Temporary Towers	IDLE OR DOWN/ ELSEWHERE	Prime	Sub #1	Sub #2	Sub #3	Sub #4	Sub #5
EQPT. NO.	NO. MEN	DESCRIPTION (Of Equipment or Labor)	ITEM NO. >>												
			8												

SEE THANH LE'S DIARY FOR CONTRACTOR'S OTHER EQUIPMENT AND LABOR DESCRIPTIONS

Description of Operation:
 -Drafted and responded to Sub 635R4, 420R4, & 691R6
 -Traylor Dutra began welding the (8) connector plates to the piles and pile sleeves beginning with pile D110. The welders began with ~2" tack welds on the top and bottom of the weld then went back and completed the entire weld pass, with a total of 3 passes.
 -Traylor Dutra's CWI Andrew Cauffman was present during the entire operation. He performed full VT/MT inspections on all completed welds. He also provided a copy of the WPS (attached).

Materials:

Insp. Hrs.	
REG: 8.0	INTERMITTENT
OT: 0.0	INSPECTION

Gina Rizzardo
 GINA RIZZARDO TE/CT
 First Name Last Name Title

REC'D *08 OCT-08 #007060

Traylor-Dutra

W P S

TDJ-05

Joint Venture

WELDING PROCEDURE SPECIFICATION (WPS) Yes
 PREQUALIFIED YES, QUALIFIED BY TESTING No
 or PROCEDURE QUALIFICATION RECORDS (PQR) No

Company Name: Traylor-Dutra
 Welding Process (es): FCAW
 Supporting PQR No.(s): N/A
JOINT DESIGN USED
 Type: single double weld
 Backing: yes N/A no N/A
 Backing Material: N/A

Type of Machine: CV Manual: No
 Requested By: Matthew Burdick Date: 06/06/2008
 Identification: # FC/232/Fillet/608
 Semi-Automatic: Yes Automatic: N/A

Root opening: N/A
 Groove Angle: N/A Groove: _____
 Back Gouging: yes N/A no N/A Method: N/A

POSITION
 Position of Groove N/A Fillet All Position
 Vertical Progression: Up Down N/A

BASE METALS
 Material Spec.: A572 or A36
 Type or Grade: 50 or N/A
 Thickness: Groove: N/A Fillet: 1/2"
 Diameter (pipe): Plate to 42" and 48" Pipe or Plate

ELECTRICAL CHARACTERISTICS
 Transfer Mode (GMAW): N/A
 Short-Circuiting N/A Globular N/A Spray N/A
 Current: AC _____ DCEP _____ DCEN Pulsed _____
 Other none

FILLER METALS
 AWS Specification A5.20
 AWS Classification E71T-8

Tungston Electrode (GTAW):
 Size N/A
 Type N/A

SHIELDING
 Flux N/A Gas N/A
 Composition N/A
 Electrode-Flux (Class) N/A Flow Rate N/A
N/A Gas Cup Size N/A

TECHNIQUE
 Stringer or Weave bead: Stringer or Weave
 Multi-pass or Single pass as required
 Number of Electrodes One
 Electrode Spacing: Longitudinal N/A
_____ Lateral N/A
_____ Angle N/A

PREHEAT Resistance or Fuel Gas Torch
 Preheat Temp.: Min 70 F

Contact tip to work distance 3/4" to 1"
 Peening None

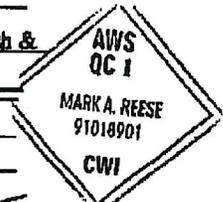
Interpass Temp.: Min 70 F Max 550 F

Interpass Cleaning Wire brush or power brush & Chipping hammer or grinder as per D1.1 - 2006

POSTWELD HEAT TREATMENT

Temp: N/A
 Time: N/A

Prepared By: Mark Reese
 Approved by: Mark Reese
 Approved by: Mark A. Reese
 Signature CWI# & stamp



Pass or weld layer(s)	Process	Filler Metals		Current			WFS (wire feed speed)	Manual Travel Speed	Joint Design
		Class.	Diam.	Type & Polarity	Volts	Amps (approx)			
All	FCAW	E71T-8	0.072"	DCEN	19.53 to 22.47	226 to 264	N/A	6" to 10"	