STATE OF CALIFORNIA
0DEPARTMENT OF TRANSPORTATION

Form HC-10A (Rev. 6/80)

Job Stamp
04-0120F4
SFOBB SAS

Const. Calendar: 215
Project Work Day No.: 1339

Date 01/15/2010

Inspectors Hours	Start	7:00 AM	Stop	3:30 PM
Shift Hours		06:30		14:30

ASSISTANT RESIDENT ENGINEER'S

CONTRACTOR – ABFJV, Sub SDI

EQUIPMENT AND/OR LABOR:

Equip. #	NO. MEN	DESCRIPTION (Of Equipment or Labor)	HOURS - ITEM NO. #37 Cable Tie -Down	ABF's Misc. tasks at W2								IDLE OR DOWN	REMARKS Name	Contractor
1	1	Pile Driver											Danny Schwartz	ABF Pier 7
2	1	Laborer											Rigiberto Campos	ABF Pier 7
3	1	Elevator Operator	8										Howard Schroyer	ABF
4	1	Crane Operator											Jeff Scott	ABF Pier 7
5	1	Oiler/Apprentice											Ross Scott	ABF Pier 7
6		Sub-contractors SDI											See Matt's diary	SDI
7		Sub-contractor Rebar											None	Regional Steel
	1	Crane LR 1300										8		ABF no operator
	1	Lincoln Welding Machine 768-50-4005												ABF
	1	Lincoln Welding Machine 768-50-4009												ABF
	1	MQ Power Generator 220	8											ABF
	1	Ingersoll Rand Air Compressor	8											ABF used by others
	1	Fork Lift												ABF
	1	Pick up												ABF
	1	Elevator	8											

Weather: Sunny with cool temperatures – Hi 55°F Low 40, cold, windy. Dense Foggy in the morning. The Day was cloudy.

REC'D H32 FEB-09 #011993

46.02

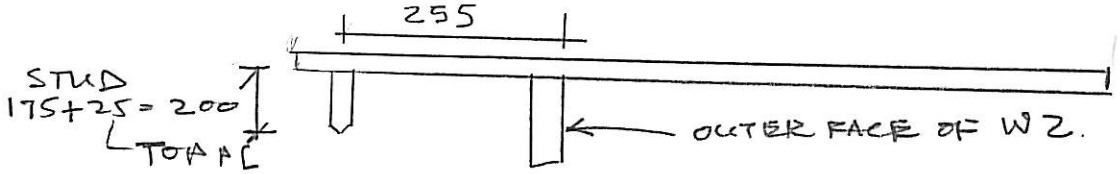
Description of Work by ABF and its Sub-contractors.

ABF

- All work is for the Temporary Towers and preparation for OBG.
- Howard is working on Elevator.
- Others are assisting with miscellaneous tasks at Pier 7.

ABF Surveyors:

- ABF surveyors were locating the potential conflict between the as welded locations of studs of OBG 1-E and 1-W with the as installed U-rebars for the closure pours.
- The rebars and welded studs are identified in drawing 497 W2 Cap Beam Reinforcement Details No. 49.
- ABF has obtained the location of as welded studs from China for these OBGs.
- ABF has found a few locations where these studs do conflict with the rebars.
- It was determined that at some places, the rebar can simply be hammered down.
- At some locations, if the OBG comes from top and then dropeed down, there should be no problem.
- The survey crew have made a small measuring tools with a stud located exactly at 255 mm from the face of the OBG.
- The actual conflict will be known when the OBGs are installed.



SDI

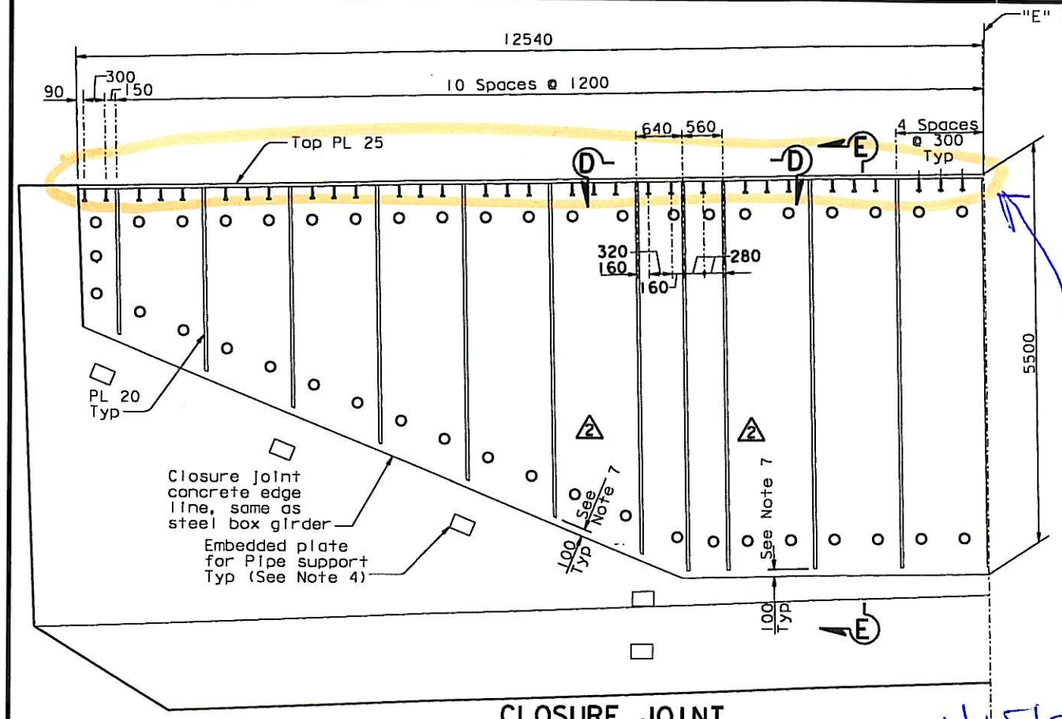
- SDI come in today continued working with grease caps.
- SDI crew is trying to re-grease the top portions of the bottom grease caps to assure that all strands are covered with grease.
  - This is in response to inspection of the grease caps earlier this week with the help of METS Inspector using bore-scope.
  - The inspection had indicated that all the grease caps, top portions of the strands were left exposed.

Additional Work at or outside of W2 site:

- CC Myers have dismantled all of the existing side lined bridge.
- They have removed the crane from there.
- Reorganize and clean up at office to sort out W2 paper work.
- Revise the OBG and Crossbeam installation checklist few times.
- Organize the work for OBG.
- Continue working on checklist for OBG installation.
- Multitude of revisions on the list.
- Magnitude of tasks to prepare for it.
- Tai wanted equipment including headlight lamps for the initial crew for inspection.
  - Discussed this with Gil.
  - Gil thinks we already have most of the stuff.
    - Every senior is supposed to have 5 head lights given to them by Rick Morrow.
  - Gil says he gave his lights to his crew.
    - Only Matt, Song and Pamela are known to have it.
  - Lalit and Thanh did not have it.
  - Thanh has the one given to him by Falentine.

- Gil went to home Depot.
    - Hechecked the price of these and found that these can be bought for $9.99 each.
    - He will check with Doris for purchasing.
- Continue working on various lists for inspections.
- Matt continues working on establishing survey points from E2 to W2.

Inspector: Lalit Mathur, P.E.
Transportation Engineer (D)



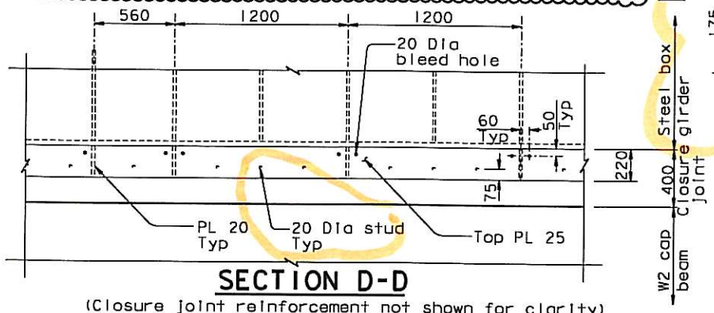
CLOSURE JOINT

(Closure joint reinforcement not shown for clarity)

1:40

NOTES:

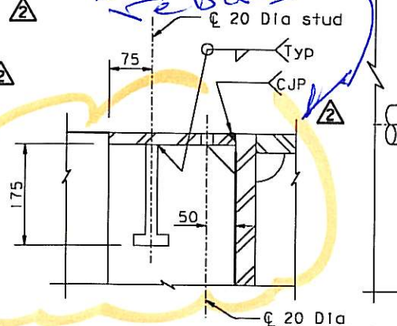
6. For extents of post-tensioning into the Girder at Pier W2, see Top and Bottom Tendon layout on "W2 Cap Beam Post-tensioning Details No. 5 thru No. 8" sheets. 2
7. For Westbound continuity tendons 28B, 29A and 29B and for Eastbound continuity tendons 29A and 29B, the Contractor may terminate the PL20 vertical stiffener 125 mm above the bottom tendons and below the top tendons. 2
8. At the Contractor's option, hairpin dimension may be reduced to 1200 min. 2
9. At the Contractor's option, ultimate splice couplers may be used on #19 hairpins. 2
10. Bundled hairpins shall be placed along the entire box girder interface perimeter.
11. Hairpins may be shifted vertically by up 2 x bar diameter. 3



SECTION D-D

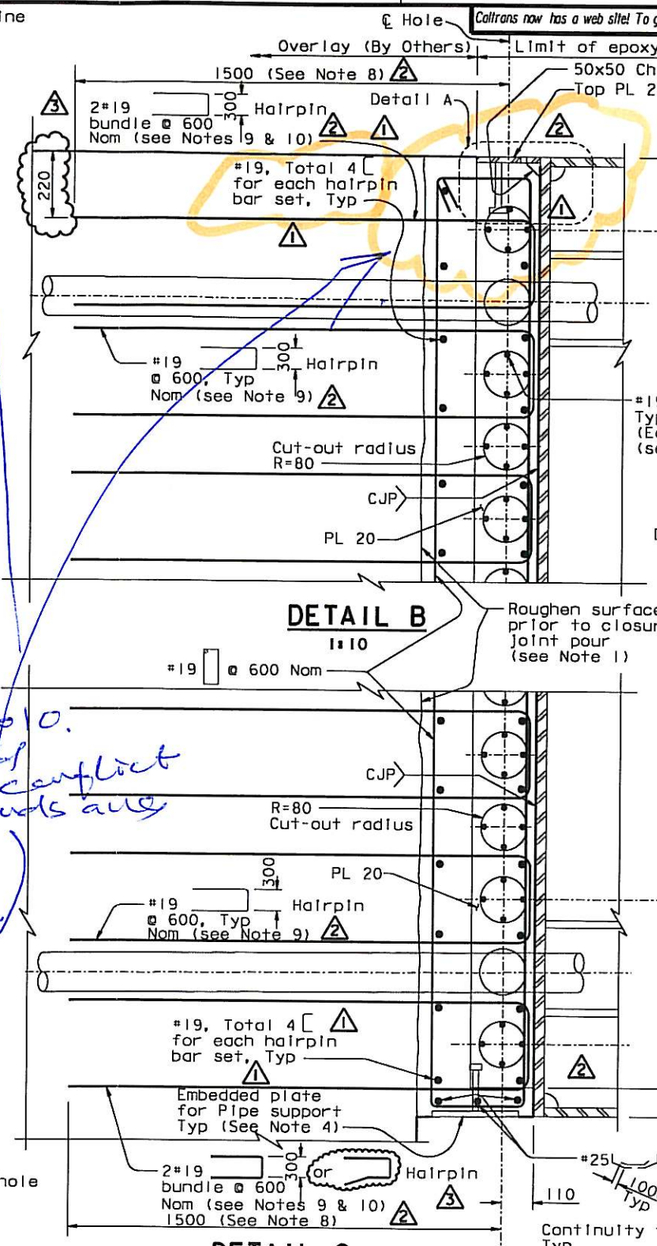
(Closure joint reinforcement not shown for clarity)

1:20



DETAIL A

1:5

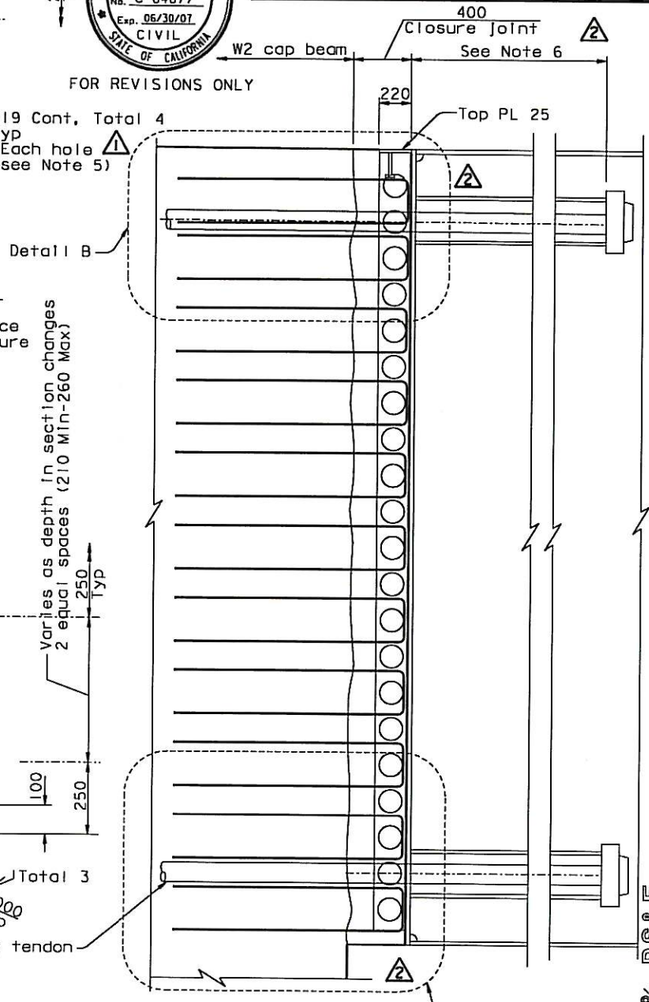


DETAIL B

1:10

DETAIL C

1:10



SECTION E-E

1:20

NOTES:

1. Roughen the existing W2 Cap Beam concrete surface to a minimum of 5 mm amplitude prior to pouring the closure joint.
2. Reinforcement spacing shall be adjusted to avoid PT ducts if required.
3. All plate shall be ASTM A709M HPS 485W, unless specified otherwise.
4. For pipe support locations and details, see "Road Plans".
5. At the Contractor's option, 2-#29 bundled bars may be used.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

1/15/2010. ABF checked the potential conflict between studs and rebars

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
3	05/04/07	W2 CAP BEAM ISD RESOLUTION	JD	AS	3451
2	02/16/07	BULKHEAD AT GIRDER PIER W2	JD	AS	27
1	01/31/07	WEST DEVIATION SADDLE GEOMETRY	JD	AS	15
0	07/21/06	GENERAL REVISIONS	JD	AS	23

REVISIONS

CONTRACT CHANGE ORDER NO. ____
SHEET ____ OF ____

R. Valizadeh/V. Toan/Y. L. /W. L. /F. C.
DESIGN OVERSIGHT
SIGN OFF DATE 05/04/07
Rev. Date: 5-18-98

DESIGN	BY J. Sun	CHECKED M. Chen	
DETAILS	BY J. Duxbury	CHECKED M. Chen	
QUANTITIES	BY S. Shi	CHECKED D. Harrison	

PREPARED FOR THE STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

R. Manzanarez
PROJECT ENGINEER

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100

CU 04
EA 0120F1

FILE => I:\bb\04-01200\sas\contract plans and eco\cco\In progress\cco*3451\oecap48r-s.dgn

Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SF	80	13.2/13.9	497525R3	1204

REGISTERED ENGINEER - CIVIL
12-6-04
PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

REGISTERED PROFESSIONAL ENGINEER John Sun No. C 54648 Exp. 12/31/05 CIVIL STATE OF CALIFORNIA

Caltrans Metric

REGISTERED PROFESSIONAL ENGINEER Jeffrey P. Duxbury No. C 64677 Exp. 06/30/07 CIVIL STATE OF CALIFORNIA
FOR REVISIONS ONLY

T.Y. LIN / MOFFATT & NICHOL
825 BATTERY STREET
SAN FRANCISCO, CA 94111

SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT
SELF-ANCHORED SUSPENSION BRIDGE
(SUPERSTRUCTURE & TOWER)

BRIDGE NO. 34-0006L/R
KILOMETER POST 13.2/13.9

W2 CAP BEAM REINFORCEMENT DETAILS NO. 49

DISREGARD PRINTS BEARING EARLIER REVISION DATES
REVISION DATES (PRELIMINARY STAGE ONLY) 07/21/06
SHEET 080525R3 OF

100 % PS&E
DATE PLOTTED => 22 MAY 2007 TIME PLOTTED => 11:51:32
USERNAME => ptom