



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
ENGINEER'S DAILY REPORT
AECOM/LAN Engineering Consultant

Bob 1/13/2010

REPORT NO. 125 {7-day}{ + 1210 Project Work Day}	DATE January 11, 2010	M T W T F S S (DAY)
NORMAL WORK HOUR: START: 6:00AM STOP: 3:30PM	WEATHER: PARTLY CLOUDY/ SUNNY	
LOCATION :		
Construction Field Office :	333 Burma Road, Oakland 94607	
Working Drawing Campus Office :	375 Burma Road, Oakland 94607	

04-SF-80-13.2/13.9
Contract No. 04-0120F4
{SAS Superstructure}

Caltrans Supervisor:
Gary Lai
Senior Bridge Engineer

Office Work:

- ❖ Shop Drawing Status Meeting (Caltrans – Design). - Time 8:30AM
 - Meeting held to discuss the status of the reviewing of the submittals by the design groups in the Caltrans review cycle.
 - TY Lin indicated that they were working on Submittal 235R3 Elevator submittal with a conflict with the padeyes at the elevator access point.
 - Priority List was updated with PB status. See attachment #1.
- ❖ Shop Drawing Submittals – MEP Issues
 - Received an email from Bill O'Sullivan (ABF) about some issues pertaining to the MEP penetrations on the OBG soffit East of E2. Reviewing the content of the email and evaluating the reference sheets to determine the solution to the issues. See attachment #2.
- ❖ Emails from Team China
 - Ken Lee sent the weekly status of the MEP Penetrations that were found last week.
- ❖ OBG Master Penetration Charts.
 - Working on the MEP charts inputting and updating the following categories:
 - MEP Penetrations.
 - MEP Attachments.
 - Piping Attachments.
 - Lift 12-14 updating.

Any questions or comments you can reach me at (916) 919-7158. My E-Mail address is Mike.Travis@aecom.com or Michael_Travis@dot.ca.gov

END OF REPORT

0545-1600 @ Total 8 hours regular

RECT H32 FEB-03 #011883

Attachments:

1. Priority lists for Shop Drawing Status with PB review status noted & Meeting Handout.
2. Email From ABF (Bill O'Sullivan) MEP Penetration OBG Soffit @ E2 Issues.

SIGNATURE

Name

Michael F. Travis

TITLE

Electrical Engineer – AECOM/LAN Engineering

PMIV UPLOAD DATE INCLUDED: January 08, 2010

Submittal ID	Description	PB color code ID		
		Information Only	Responded / *redline	**Posted
ABF-SUB-000054R70	Welding Quality Control Plan (WQCP) for ZPMC - Addendum B-28			
ABF-SUB-000113R04	Box Girder Reinforcement: East Saddle and Pier E2 Bearing & Shear Key Fabrication Procedure			
ABF-SUB-000126R03	Pipe Supports - FWS			
ABF-SUB-000141R54	TOWER - T1 Tower Weld Details (WDT)			
ABF-SUB-000148R02	East Cable Anchorage Overall Assembly - Fabrication Procedure			
ABF-SUB-000211R37	TOWER - T1- LIFT 1 - N,W, & E Tower Shafts - Skin Plate D Sub Assembly			
ABF-SUB-000235R03	Tower - Elevator Layouts - CCO 085			
ABF-SUB-000275R21	TOWER - T1 - Face E Strut Façades - LIFT 1			
ABF-SUB-000365R29	TOWER - Skin Plate Sub-Assemblies & Diaphragm - LIFT 2 - North, South, East, West Shafts			
ABF-SUB-000459R13	TOWER - Skin Plate A - LIFT 3			
ABF-SUB-000469R10	Tower - Skin Plate D - LIFT 3			
ABF-SUB-000538R05	Main Cable - Working Drawings for PPWS - SPCC - Transportation Schedule			
ABF-SUB-000615R10	TOWER - Diaphragms Drawings - LIFT 4			
ABF-SUB-000628R03	Sea Transportation Plan Design Criteria - Addendum B			
ABF-SUB-000773R10	OBG - Deck Plate/Edge Beam Sub Assembly (DP, EB) - LIFT 13E			
ABF-SUB-000775R14	OBG - Plate Sub Assembly (PL) - LIFT 13E - Exterior Plate Details			
ABF-SUB-000776R12	OBG - Standard (RS) - LIFT 13E - Plate Stiffener Details			
ABF-SUB-000776R13	OBG - Standard (RS) - LIFT 13E - Plate Stiffener Details			
ABF-SUB-000776R14	OBG - Standard (RS) - LIFT 13E - Plate Stiffener Details			
ABF-SUB-000783R06	TOWER - T1 Tower Grillage - LIFT 5			
ABF-SUB-000790R07	OBG - Plate Sub Assembly (PL) - LIFT 13E - Exterior Edge Plate Details			
ABF-SUB-000790R08	OBG - Plate Sub Assembly (PL) - LIFT 13E - Exterior Edge & Side Plate Details			
ABF-SUB-000790R09	OBG - Plate Sub Assembly (PL) - LIFT 13E - Exterior Plate Details			
ABF-SUB-000809R04	OBG - Plate Sub Assembly (PL) - LIFT 13E - Exterior Side Plate Details			
ABF-SUB-000812R02	OBG - Deck Plate Sub Assembly (DP) - LIFT 13E - Plate Types 1, 10			
ABF-SUB-000812R03	OBG - Deck Plate Sub Assembly (DP) - LIFT 13E - Plate Type 1			
ABF-SUB-000815R20	OBG - Standard (X) - LIFT 13E - Floorbeam Details			
ABF-SUB-000820R03	OBG - Deck Plate Sub Assembly (DP) - LIFT 13E - Plate Types 2, 18			
ABF-SUB-000825R03	OBG - Plate Sub Assembly (PL) - LIFT 13E - Interior K & Vertical Plate Details			
ABF-SUB-000826R08	OBG - Standard (RS) - LIFT 13E - Plate Stiffener Details			
ABF-SUB-000826R09	OBG - Standard (RS) - LIFT 13E - Plate Stiffener Details			
ABF-SUB-000842R04	OBG - Plate Sub Assembly (PL) - LIFT 13E - Exterior Side Plate Details			
ABF-SUB-000843R03	OBG - Standard (RS) - LIFT 13E - Plate Stiffener Details @ Vertical Plate Details			
ABF-SUB-000843R04	OBG - Standard (RS) - LIFT 13E - Plate Stiffener @ Vertical Plate Details			
ABF-SUB-000846R07	OBG - Shop Assembly (SA) - LIFT 13E - Splice Plate Details			
ABF-SUB-000849R16	OBG - Standard (X) - LIFT 13E - Floorbeam, Splice/Stiffener Plate Details			
ABF-SUB-000850R04	OBG - Deck Plate Sub Assembly (DP) - LIFT 13E - Plate Type 18			
ABF-SUB-000858R02	OBG - Corner Assembly (CA) - LIFT 13E			
ABF-SUB-000861R04	OBG - Standard Details (X) - LIFT 13E - Splice Plate Details			
ABF-SUB-000862R04	OBG - Standard (RS) - LIFT 13E - Plate Stiffener Details			
ABF-SUB-000862R05	OBG - Plate Sub Assembly (PL) - LIFT 13E - Exterior Plate Details			
ABF-SUB-000871R01	OBG Erection Engineering Report for Lifts 7-11			
ABF-SUB-000898R03	OBG - Crossbeam Assembly (FB) - LIFT 13W - CB18 Diaphragm Details			
ABF-SUB-000961R62	Weld Report for Oregon Iron Works Inc. - Weekly Inspection Reports - 12/14/2009 thru 12/18/2009			
ABF-SUB-000974R03	OBG - Plate Sub Assembly (PL) - LIFT 13W - Exterior Side Plate Details			
ABF-SUB-001086R01	OBG - Standard (X) - LIFT 13W - Diverter Plate			
ABF-SUB-001101R05	TOWER - Platform Grating (GGSAE) - LIFTS 1 & 2			
ABF-SUB-001221R02	Wire Rope Prestretching Procedures			
ABF-SUB-001223R02	Wire Rope Measuring Procedure			
ABF-SUB-001237R02	OBG - Standard (X) - LIFT 13E - Stiffener Plate Details			
ABF-SUB-001252R01	OBG - Standard (X) - LIFT 13E - Floorbeam Details			
ABF-SUB-001272R02	TOWER - LIFT 3 - Grating Details			
ABF-SUB-001288R01	TOWER - T1 Access Trestle			
ABF-SUB-001290R02	TOWER - LIFT 4 - Exterior Grating			
ABF-SUB-001294R01	OBG - Standard (RS) - LIFT 13E - Plate Stiffener Details			
ABF-SUB-001311R02	OBG - Standard (RS) - LIFT 13E - Plate Stiffener Details			
ABF-SUB-001318R01	OBG - Architectural Housing Assembly (AH) - LIFT 13E			
ABF-SUB-001322R01	OBG - Architectural Housing Assembly (AH) - LIFT 13E			
ABF-SUB-001328R02	OBG - Standard (X) - LIFT 13E - Catwalk, Splice Plate, Floorbeam Details			
ABF-SUB-001329R01	OBG - Standard (RS) - LIFT 13E - Plate Stiffener Details			
ABF-SUB-001334R01	Welding Quality Control Plan (WQCP) - TOLCO Sub of F.W. Spencer - Addendum No. 1			
ABF-SUB-001334R02	Welding Quality Control Plan (WQCP) - TOLCO Sub of F.W. Spencer - Addendum No. 2			
ABF-SUB-001370R17	Weld Report for HoChang Machinery Industries - NO. 18			

Submittal ID	Description
ABF-SUB-001371R01	OBG - Standard (X) - LIFT 13W - K Plate Stiffener Details
ABF-SUB-001383R02	Tower Handling Plan - Addendum
ABF-SUB-001385R00	Wire Rope Testing Procedure - Type 1 and 2 - WireCo
ABF-SUB-001386R00	Hinge A - Seismic Joint Erection Plan
ABF-SUB-001388R02	Painting Quality Work Plan (PWQP) - Japan Steel Works
ABF-SUB-001396R00	OBG Deck Bolted Splice Connections at the East Anchorage
ABF-SUB-001400R00	ZPMC Labor Rates
ABF-SUB-001400R01	ZPMC Labor Rates
ABF-SUB-001404R00	Sea Transportation Plan for OBG Shipment No. 2 - Lifts 5 and 6
ABF-SUB-001404R01	Sea Transportation Plan for OBG Shipment No. 2 - Lifts 5 and 6 - Supplemental
ABF-SUB-001432R00	Erection Plan (Tower) - T1 Tower Bolting Plan
ABF-SUB-001436R00	PROJECT SCHEDULE MONTHLY UPDATE NO. 37 (20-DEC-2009)
ABF-SUB-001442R00	OBG - Standard (X) - LIFT 13W - Miscellaneous Details
ABF-SUB-001443R00	OBG - Shop Assembly (SA) - LIFT 13W - Splice Plate @ Kink Details
ABF-SUB-001444R00	CABLE - Tower Saddle Trial Assembly - JSW
ABF-SUB-001445R00	OBG - Standard (X) - LIFT 13W - Miscellaneous Plate Details
ABF-SUB-001446R00	OBG - Orthotropic Box Assembly (OBW) - LIFT 13W
ABF-SUB-001447R00	OBG - Standard & Shop Assembly (SA, X) - LIFT 13W - Traveler Rail Details
ABF-SUB-001448R00	OBG - Standard (X) - LIFT 13E - Traveler Rail Support Details
ABF-SUB-001449R00	OBG - Shop Assembly (SA) - LIFT 13E - Traveler Rail Support Details
ABF-SUB-001450R00	OBG - Standard (X) - LIFT 13E - Floorbeam, Catwalk Details
ABF-SUB-001453R00	OBG - Plate Sub Assembly (PL) - LIFT 13E - Exterior Plate Details
ABF-SUB-001454R00	W2 Precast Cover Slabs
ABF-SUB-001455R00	Sliding Bearing Design - Cradles 12-14

Information Only	Responded / *redline	**Posted
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Lift 13 E

Attachment #1 (3/3)

Submittal	Revision	Hopeful Out Date
SUB 775	14	1/12/2010
SUB 790	9	1/12/2010
SUB 809	4	1/12/2010
SUB 820	3	1/12/2010
SUB 825	5	1/12/2010
SUB 842	4	1/12/2010
SUB 850	4	1/12/2010
SUB 862	5	1/12/2010
SUB 1318	1	1/12/2010
SUB 1322	1	1/12/2010

Handout - by TYLIN during the meeting
January 11, 2010.

Attachment #2 (1/5)

 Attachments can contain viruses that may harm your computer. Attachments may not display correctly.

Travis, Mike

From: Bill Osullivan [bosullivan@abfjv.com] **Sent:** Sat 1/9/2010 2:05 PM
To: 'Bill Shedd'; 'Nick King'; Travis, Mike
Cc: 'Rolf Kaip'
Subject: RE: MEP's
Attachments:  [MEP D5 R0.pdf\(1MB\)](#)  [220R01 of 1204.pdf\(261KB\)](#)  [MEP DP14.pdf\(887KB\)](#)  [MEP D5 R1.pdf\(1MB\)](#)

Bill,

Candraft is inquiring if the sleeve referenced below should be completely deleted or delete only the threads. The drawings have been provided for your convenience.

1. Should the sleeve be installed or deleted from the shop drawings?
2. If for future use, I would assume CT would want the sleeve to be capped.
3. If capped, I would assume the threads should remain.

Please advise.

Thank you,

Bill O'Sullivan, P.E.
 American Bridge / Fluor Joint Venture
 375 Burma Road
 Oakland, CA 94607
 (510) 808-4600 (main)
 (510) 808-4602 (direct)
 (510) 774-1994 (mobile)

From: Rolf Kaip [mailto:rkaip@candraft.bc.ca]
Sent: Friday, January 08, 2010 4:28 PM
To: 'Bill Osullivan'
Cc: 'Bob Kick'; cbausone@abfjv.com; 'Sean Wichman (E-mail)'
Subject: RE: MEP's

Bob,

More contradictions (CM's); Sht. MEP D14 shows BP3033-4. Sht MEP D4-1, DETAIL BP3033-4 shows dia.

114.3 L200T. Sht. MEP D5-1 shows dia. 114.3 L200T as being deleted. Am I correct in assuming that DETAIL BP3033-4 should read dia. 114.3 L200 and that Sht. MEP D5-1 should have dia. 114.3 L200 added back without the threads ("T")? Please advise.

Regard,

Rolf.

From: Bill Osullivan [mailto:bosullivan@abfjv.com]
Sent: Thursday, January 07, 2010 12:03 PM
To: Rolf Kaip
Cc: 'Bob Kick'; cbausone@abfjv.com; 'Sean Wichman (E-mail)'
Subject: RE: MEP's

Rolf,

It looks like your assumption is correction. I have provided the plan sheet 706R1 of 1204 for clarification.

Bill O'Sullivan, P.E.
American Bridge / Fluor Joint Venture
375 Burma Road
Oakland, CA 94607
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From: Rolf Kaip [mailto:rkaip@candraft.bc.ca]
Sent: Wednesday, January 06, 2010 2:06 PM
To: 'Bill Osullivan'
Cc: 'Bob Kick'; cbausone@abfjv.com; 'Sean Wichman (E-mail)'
Subject: RE: MEP's

Bill,

MEP DP14 resolves my two questions, will use marks and sizes as shown on this drawing.

However clarification of MEP located on Face "E" requires some clarification. OBG elevation and plan view show MEP located 3567.5mm from "E4" this configuration is incorrect reference line should read "E14", if not then there is a problem.

Regards,

Rolf.

From: Bill Osullivan [mailto:bosullivan@abfjv.com]
Sent: Wednesday, January 06, 2010 7:22 AM
To: Rolf Kaip
Cc: 'Bob Kick'; cbausone@abfjv.com; 'Sean Wichman (E-mail)'
Subject: RE: MEP's

Rolf,

Good morning Rolf!

Give me a call if you have questions or would like to discuss further.

My contact information is below.

Bill O'Sullivan, P.E.
American Bridge / Fluor Joint Venture
375 Burma Road
Oakland, CA 94607
(510) 808-4600 (main)
(510) 808-4602 (direct)
(510) 774-1994 (mobile)

From: Chris Bausone [mailto:cbausone@abfjv.com]
Sent: Tuesday, January 05, 2010 6:27 PM
To: 'Rolf Kaip'; swichman@abfjv.com
Cc: 'Bob Kick'; bosullivan@abfjv.com

Subject: RE: MEP's

Rolf - Bill O'Sullivan will handle this for us as he is the new Captain MEP and Sean is busy with his new little pooping machine that Santa brought him for an early Christmas gift. He can't find the power button to turn the machine off so the poop just keeps oozing out! Plus the machine is noisy so it makes sleeping at night difficult.

Since I am the former Captain MEP I felt obligated to make an attempt at addressing your request so I checked project records in PMIV for the drawings you listed but I did not find the markups you are referring to. The attached drawings are the most recent we have in PMIV and they are from SUB-775 R11. Based on the plate locations, I think the pipe sleeves are for conduit routed from OBG down to base of Pier E2. Pier E2 has ground cable, Fog Detection System equipment and Seismic Sensor System equipment and maybe some other equipment I don't remember. My guess is that Caltrans wants additional penetrations for future whatever. The most current MEP D1 thru MEP D5 is attached but they just show sleeve details. MEP DP14 is also attached because it shows a penetration plan view with dimensional markups in the same vicinity as covered by PL3220B and PL3218B.

If this information did not resolve the situation please let us know and be sure to address Bill O'Sullivan with your requests. Thanks. - Chris

From: Rolf Kaip [mailto:rkaip@candraft.bc.ca]
Sent: Tuesday, January 05, 2010 5:15 PM
To: swichman@abfjv.com
Cc: 'Chris Bausone'; 'Bob Kick'
Subject: MEP's

Sean/Chris,

Would either one of you send me a copy of the latest "MEP" details, Sht. MEPD1 thru to MEPD5 (might not be the last) inclusive.

Sht PL3220B (APP SUB 775) has been marked up as follows;

- 27c: 62mm dia. hole for 51mm pipe sleeve.
- 78c: 116mm dia. hole for 102mm pipe sleeve.

Sht PL3218B (APP SUB 775) has been marked up as follows;

- 41c: 75mm dia. hole for 64mm pipe sleeve.
- 53c: 91mm dia. hole for 76mm pipe sleeve.

Drawings that we (CTLLC) have do not show any information for these designations, do details exist? Please advise.

Regards,

Rolf.

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