



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

ENGINEER'S DAILY REPORT

LAN Engineering Consultant

pl 6-11-08

REPORT NO.	545	DATE	June 10, 2008	M <i>J</i> W T F S S (DAY)
NORMAL WORK HOUR:	START: 6:00AM	STOP: 3:00PM	WEATHER:	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:

- ❖ **Pre-Design MEP Coordination Meeting MEP Coordination Meeting with Designers:**
 - Covered all items on previous meeting.
- ❖ **MEP Coordination Meeting with Contractor:**
 - Covered the new agenda that was handed out at the meeting.
- ❖ **CCO #42S1 CRM Meeting (Caltrans – PB- ABF - Bleyco) (1000- 1700):**
 - Cancelled till further notice.
- ❖ **MEP Shop Drawing Work.**
 - Worked on the Master Penetration lists with the new heading blocks.
 - Worked on the CCO #59 OBG Penetration Lists.
- ❖ **Coast Guard – Caltrans Issues Site Visit.**
 - The issue of the location of the Channel Marker Lights was address and the lights are to be relocated and realigned.
 - Sent an email listing the issues that need to be addressed and completed to ensure proper change in my opinion.

Any questions or comments you can reach me at (916) 919-7158.

My E-Mail address is Mike.Travis@LANEngineering.com or Michael_Travis@dot.ca.gov

END OF REPORT

Work hours 0530-1750 – 10 hours regular

Attachments:

1. MEP Meeting Agenda.
2. Email on Channel Light relocation issues.

SIGNATURE

Name	Michael F. Travis	TITLE	Electrical Engineer – LAN Engineering
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REC'D *08 JUN-23 #005125

TEAM MEP MEETING
Agenda for June 9, 2008, 10:00 AM
WDC Conference Room

1. RFI STATUS REVIEW AND EVALUATIONS

1.1. Requests for which ABF is awaiting response

1.1.1. RFI # 734R2 (4/22/08) – Elevator General Arrangement

2 loops - Gary Zeeb Meeting

1.1.2. RFI # 1334R1 (6/2/08) – Fog Detection Panel

→ PB to Respond.

1.2. Requests returned since last meeting on 5/27

1.2.1. NOT APPLICABLE

BOOT leg

*↑
CCO Navigation*

1.3. RFI/CCO EVALUATIONS LEGEND

- (1 = NC = NO CHANGE)
- (2 = CCO = CALTRANS TO INCLUDE IN CHANGE ORDER)
- (3 = ? = STATUS UNRESOLVED; DEFER TO CORE GROUP FOR EVALUATION)
- (4 = OH = ON HOLD PENDING FURTHER REVIEW OR ADD'L INFO)

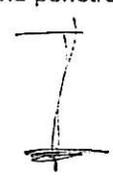
1.3.1. Recent (or on hold) RFI responses to be evaluated for CCO needs

RFI / EVALUATIONS	ABFJV	CALTRANS	FINAL	CCO #

1.4. Upcoming Requests

1.4.1. MEP-OBG coordination: misc attachments and penetrations

1.4.1.1. cable rail post layout



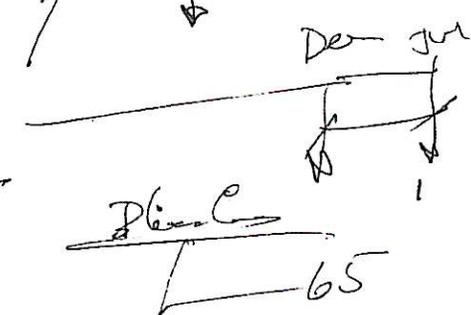
2. SUBMITTALS

2.1. MEP Submittals currently under review

2.1.1. NOT APPLICABLE

2.2. MEP Submittals returned since meeting on 5/27

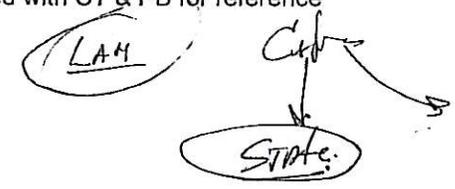
2.2.1. NOT APPLICABLE



2.3. Upcoming Submittals

2.3.1. FWS working drawings (piping) – approximately 4 weeks out

2.3.1.1. "bootleg" copy of drawings was shared with CT & PB for reference



3. MISCELLANEOUS

3.1. Sample light fixture – any comments?

3.2. Barrier-Deck-Utilities mock-up additions: Bleyco added conduits and pull box; check it out

Go
Cook AT

3.3. Revised CO 42S1 (draft) review – round 2 of review is postponed

QA/QC

3.4. Bikepath pipe supports – any design solution for pipe support conflict at PP121?

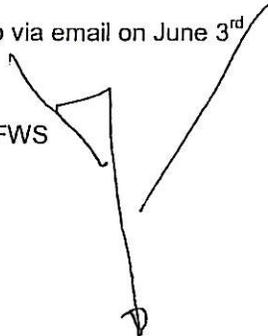
3.5. Drain pipe for cable-tie downs access was delivered Monday

3.6. Dehumidification questions received from manufacturer rep via email on June 3rd

3.6.1. have questions been considered by the Engineer?

3.6.2. shall emailed questions be turned into RFI by ABF/FWS

CO 31





Michael
Travis/HQ/Caltrans/CAGov
06/10/2008 05:17 PM

To Chris Havel/D04/Caltrans/CAGov@DOT, Bill
Shedd/D04/Caltrans/CAGov@DOT, Gary J
Lai/D04/Caltrans/CAGov@DOT
cc Bernard R Feather/D04/Caltrans/CAGov@DOT,
KingN@PBworld.com, Saeed_Shahmirzai@dot.ca.gov,
Takaki@pbworld.com, tho@tylin.com
bcc

Subject Re: Channel Marker Light Location Change

Additional Information:

Shop Drawing Submittal (old) number for Plate/Penetration 270(BP) / 203(PL)

Equipment Submittal is #171.

Possible CCO 61 for Changes.

Michael Travis
SFOBB Construction Offices
Design Campus Building
375 Burma Road
Oakland Ca. 94607
Phone: 510-808-4618

Michael Travis/HQ/Caltrans/CAGov



Michael
Travis/HQ/Caltrans/CAGov
06/10/2008 05:06 PM

To Chris Havel/D04/Caltrans/CAGov, Bill
Shedd/D04/Caltrans/CAGov, Bernard R
Feather/D04/Caltrans/CAGov, Gary J
Lai/D04/Caltrans/CAGov
cc tho@tylin.com, KingN@PBworld.com,
Saeed_Shahmirzai@dot.ca.gov, Takaki@pbworld.com
Subject Fw: RE:

In developing this new location for the channel marker lights we need to address the following items in my opinion:

- Channel marker light submittal needs to be changed to accommodate the new type of mounting and other options required to operate at new location.
- Bridge shop drawings need to be changed for relocation of mounting plate and penetration. (Lift 8 - Old Location) (Lift 9 -New Location)
- New detail for bracket support to lower the marker light to correct elevation to clear the Vortex Generator Panels.
- Design change review of type of mounting and routing of Cable/Conduit, etc. (CCO 61?)
- Verify new location does not conflict with anything within the OBG Structures.
- Get final approval from the Coast Guard as to the proposed new location and orientation.

Michael Travis
SFOBB Construction Offices

Design Campus Building
375 Burma Road
Oakland Ca. 94607
Phone: 510-808-4618

----- Forwarded by Michael Travis/HQ/Caltrans/CAGov on 06/10/2008 04:42 PM -----



"Tom Ho" <tho@tylin.com>

06/10/2008 03:36 PM

Please respond to
"tho@tylin.com"
<tho@tylin.com>

To "Chris Havel" <chris_havel@dot.ca.gov>,
"kingn@pbworld.com" <kingn@pbworld.com>
cc "Bernard R Feather" <bernard_r_feather@dot.ca.gov>, "Bill
Shedd" <bill_shedd@dot.ca.gov>, "Gary Pursell"
<gary_pursell@dot.ca.gov>, "takaki@pbworld.net"
<takaki@pbworld.net>, "Michael Travis"
<Michael_Travis@dot.ca.gov>, "Saeed Shahmirzai"
<Saeed_Shahmirzai@dot.ca.gov>, "Marwan Nader"
<mnader@tylin.com>, "James Duxbury"
<james.duxbury@tylin.com>, "Katie Sanders"
<katie.sanders@tylin.com>, "Wenpei Chou"
<pchou@chousimage.com>

Subject RE:

Chris:

I agree with you assessment, PP 81 is a better location to install the navigation light than PP80.5.

One clarification: I assume when you mentioned the bearing and skew, we are rotating about center line of the bridge, correct? In other words, the light on the WB bridge will be at PP 81 + 6.3 m and the light on the EB bridge will be at PP 81 - 6.3 m. $6.3 = (21+4.25) \times \sin 14.5$

Tom

-----Original Message-----

From: Chris Havel [mailto:chris_havel@dot.ca.gov]
Sent: Tuesday, June 10, 2008 3:08 PM
To: kingn@pbworld.com
Cc: Bernard R Feather; Bill Shedd; Gary Pursell; takaki@pbworld.net; Michael Travis; Saeed Shahmirzai; tho@tylin.com
Subject:

Based on our meeting this morning to discuss placement of bridge navigation lights we request the following information: The Latitude and Longitude of the centerline of bridge (midway between "W" line and "E" line) at three locations, Center line of T1, CL of E2 and the midway point between the two. Please note that it is necessary to convert Northings and Eastings to Lat and Long. On plan this would be at Panel Point 80.5 but to try and stay midway between the vortex generator plates on either side it might be better to cheat to the right and locate the Lat and Long at PP 81 - your call, I'm OK either way. This is also somewhat justified because the fender locations would shift the center of clear channel a bit to the east anyway. The coast guard will provide a bearing line to determine the position of the lights on the north side of WB OBG and south side of EB

OBG. It will be skewed approximately 14.5 degrees clockwise from a perpendicular line (transverse) to the bridge. So, we may want to start investigating if there are any conflicts with that approximate layout now.
Chris

"Nobody told me there'd be days like these" - John Lennon

Chris Havel, PE
Contract 04-0120F4 - SAS
(510) 808-4606 (office)
(510) 867-4530 (cell)