



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

**ENGINEER'S DAILY REPORT**

LAN Engineering Consultant

*Handwritten initials and date: JL 4-10-08*

REPORT NO.	474	{7-day}	DATE	March 31, 2008	<i>M</i> T W T F S S (DAY)
NORMAL WORK HOUR:	START: 7:00AM	STOP: 3:30PM	WEATHER:	CLEAR/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:**

❖ **Submittal Status Meeting (Caltrans – T.L.LIN – PB)**

- Cancelled due to holiday for Caltrans.
- Rescheduled for Tuesday April 1, 2008 @ 8:30 AM.

❖ **China Connection (Scott Kennedy- Ken Lee)**

- Received an email from Ken Lee with some additions to the Master Penetration Chart
- Will include Ken suggested additional columns in the tables.

❖ **CCO 42 – Status**

- Lighting Pole Issue was clarified. See attachment.
- Package is being updated by PB.

❖ **CCO 43 – Status**

- Lighting Pole Issue was clarified. See attachment.
- Package is being updated by PB.

❖ **MEP Shop Drawing Work.**

- Updated the Priority submittal list.
- Talked to Dan Turner about Submittal 499 R01.  
Will not incorporate PB reline.
- Worked on the Master penetration list.
- Uploaded some of PB response memos in PMIV for PB.

❖ **CCO # 42S1 – CRM Meeting is being scheduled.**

- Nick King indicated that he was trying to schedule a CRM meeting to discuss the comments submitted by Caltrans a couple weeks ago.
- PB is requesting a CRM meeting to discuss the comments submitted by Caltrans possible on Wednesday April 02, 2008.



**TEAM MEP MEETING**  
**March 25, 2008 Meeting Recap**  
**WDC Conference Room**

**1. RFI STATUS REVIEW AND EVALUATIONS**

1.1. Requests for which ABF is awaiting response

1.1.1. RFI #734R1 (3/5/08) – Elevator General Arrangement – detail confirmations

1.1.1.1. time extension requested by the Engineer

1.1.1.2. target date for response is 4/11

1.1.2. RFI #1249 (3/14/08) – Dehumidification Support Details for West Cable Anchorage

1.1.2.1. Additional info/clarifications needed with response to original request. They were discussed between ABF and TYL last week through the WDC.

1.1.2.2. TYL response is in CT hands; CT will try to review it and issue response today, 3/25

1.2. Requests returned since last meeting on 3/18

1.2.1. RFI #1100R1 (2/25/08) – Fuse Holder & Fuses for Luminaires MSR, MAU, MAD

1.2.2. RFI #1244 (3/13/08) – MEP changes affecting cable bands

1.2.2.1. to be evaluated by Cable group

1.2.2.2. no affect to cable bands at PP40 and PP44 for anchoring messenger cable?

1.2.2.2.1. No; TYL clarified that messenger cable will anchor to Tower Head rather than cable bands

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 #
ABF-RFI-001100R01	2	2	2	TBD

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 are currently under review

2.1.1. NOT APPLICABLE

2.2. MEP Submittals returned since meeting on 3/18

2.2.1. NOT APPLICABLE

2.3. Upcoming Submittals

2.3.1. FWS welding procedures for cable tie-down drain pipe – this week

2.3.2. FWS working drawings (piping) – 2 to 3 weeks out

2.3.3. Fog Detection Panel – pending re-design

2.3.3.1. CT/PB advised that CCO 61 will be addressing Fog Detection System changes; skyway system will be included.

2.3.4. 105R1 – Misc. Light Fixtures – delayed pending supplier cooperation

2.3.5. Bike Path Traveler drawings – 1 to 2 weeks out

## 3. MISCELLANEOUS

3.1. CCO 31, Drawing M-17 (Sheet 53R2)

3.1.1. Note with PS-6 (top left of sheet) is confusing. ABF understanding is to shop **attach PS-3 to center of bike path support beam**. PS-6 shall be field attached to bike path panel at 153mm offset from center of support beam. Does the Engineer have same understanding?

3.1.1.1. It was agreed that ABF understanding is correct; PS-6 must be offset from center of bike path support beam (and panel point) due to joint between bike path panels, as was addressed with RFI-218RXX

3.1.1.2. It was agreed that the drawing should be corrected

3.1.1.3. No agreement was reached on how the drawing correction should be distributed

3.2. Apparently erroneous review comments as per RFI 1245 and 1248

3.2.1. Submittal response and RFI response is not entirely clarified but has been discussed between ABF and CT. Conclusion is that detailer has the correct understanding.

3.2.1.1. CT advised that 1248 response will be corrected and reissued

3.3. "Yellow" sheet accuracy

3.3.1. For them to be effective, they need more QC and communication of (apparent) changes that are not represented in existing contract documents

**TEAM MEP MEETING**  
**Agenda for April 1, 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 #734R1 (3/5/08) – Elevator General Arrangement – detail confirmations

1.1.1.1. anticipated response date is by 4/11

1.2. Requests returned since last meeting on 3/25

1.2.1. RFI #1249 (3/14/08) – Dehumidification Support Details for West Cable Anchorage

**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 #
ABF-RFI-001249R00	1	1		

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 are currently under review

2.1.1. NOT APPLICABLE

2.2. MEP Submittals returned since meeting on 3/25

2.2.1. NOT APPLICABLE

2.3. Upcoming Submittals

2.3.1. FWS welding procedures for cable tie-down drain pipe – this week

- 2.3.2. FWS working drawings (piping) – 2 to 3 weeks out
- 2.3.3. Fog Detection Panel – pending re-design
- 2.3.4. 105R1 – Misc. Light Fixtures – delayed pending supplier cooperation
- 2.3.5. Bike Path Traveler drawings – 1 to 2 weeks out

**3. MISCELLANEOUS**

- 3.1. Status of 3D computer model for Tower Head and other bridge components
- 3.2. Visit to ZPMC in Shanghai by Shedd, Shahmirzai, Takaki



Scott  
Fabel/D04/Caltrans/CAGov  
03/28/2008 03:20 PM

To "King, Nick" <KingN@pbworld.com>  
cc Alex.Sanjines@tylin.com, "April Smith"  
<April\_Smith@dot.ca.gov>, "Bill Shedd"  
<bill\_shedd@dot.ca.gov>, "Darryl Schram"  
bcc  
Subject RE: State-Furnished Light Poles to be in CCO 43

Hi Nick,

I have talked with Bill Shedd and Darryl Schram and agree with the following:

- 1.) Yes, the note "Light Pole, luminaires and lowering device are state furnished and installed by contractor" shall be removed from ALL plan sheets in ALL CCO's.
2. Yes, the note "Belvedere lights are state furnished and installed by contractor" shall be removed from ALL plan sheets in ALL CCO's.
3. Yes, the plan sheets which were previously submitted with CCO 42 and 43, and which had no other changes besides specifying owner furnished-contractor installed equipment, will not be included in new revisions of either CCO.
4. We will need to confirm with T.Y. Lin to see if they are handling the change to the Contract Special Provisions.
5. Please don't forget one of my original notes that stated:  
If the state-furnished light poles, luminaires and lowering devices have changes to the bolt patterns, anchor bolts, conduit routing, etc, then these details will need to be addressed in a plan sheet and that sheet will need to be incorporated into a CCO.

I hope this takes care of your concerns. Please contact me if you have any questions.

Sincerely,

Scott Fabel  
SAS CCO Desk

"King, Nick" <KingN@pbworld.com>



"King, Nick"  
<KingN@pbworld.com>  
03/28/2008 12:04 PM

To "Scott Fabel" <Scott\_Fabel@dot.ca.gov>,  
<james.duxbury@tylin.com>, <Alex.Sanjines@tylin.com>,  
"Bill Shedd" <bill\_shedd@dot.ca.gov>, "Darryl Schram"  
<darryl\_schram@dot.ca.gov>, "George Boughosn"  
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<sandra\_michelotti@dot.ca.gov>, "Saeed Shahmirzai"  
<Saeed\_Shahmirzai@dot.ca.gov>, "Rachel Liu"



<rachel\_liu@dot.ca.gov>, "Martin Chandrawinata"  
<Martin\_Chandrawinata@dot.ca.gov>  
cc "Gary Pursell" <gary\_pursell@dot.ca.gov>,  
<mnader@tylin.com>, "Garcia, Rocky"  
<GarciaR@pbworld.com>  
Subject RE: State-Furnished Light Poles to be in CCO 43

Scott/Darryl/George

Please confirm the following:

- 1.) The note "Light Pole, luminaires and lowering device are state furnished and installed by contractor" shall be removed from ALL plan sheets in ALL CCO's.
- 2.) The note "Belvedere lights are state furnished and installed by contractor" shall be removed from ALL plan sheets in ALL CCO's.
- 3.) Plan sheets which were previously submitted with CCO 42 and 43, and which had no other changes besides specifying owner furnished-contractor installed equipment, will not be included in new revisions of either CCO.
- 4.) T.Y. Lin is handling the change to the Contract Special Provisions.

Nick King  
Lead Design/Construction Coordinator  
Parsons-Brinckerhoff  
kingn@pbworld.com

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

From: Scott Fabel [mailto:Scott\_Fabel@dot.ca.gov]  
Sent: Friday, March 21, 2008 1:32 PM  
To: james.duxbury@tylin.com; Alex.Sanjines@tylin.com; Bill Shedd; Darryl Schram; George Boughosn; grady\_hart; tho@tylin.com; April Smith; Michael Travis; Sandra Michelotti; King, Nick; Saeed Shahmirzai; Rachel Liu; Martin Chandrawinata  
Cc: Gary Pursell; mnader@tylin.com  
Subject: State-Furnished Light Poles to be in CCO 43

Hello All,

Based upon the CCO update meeting held on 3/19/08, this e-mail is to confirm the agreement between CT, PB and TYLin regarding the change order location of the State-furnished light poles, luminaires and lowering devices.

1. State-furnished light poles, luminaires and lowering devices are to be included in CCO 43, (not 42).
2. The "note" stating the light poles, luminaires and lowering devices

are to be State-furnished is not needed. If the plan sheet only has the "note" change (referencing the state-furnished material) and there are no other changes in that plan sheet, then that plan sheet will be removed from CCO 43.

3. Language referencing the light poles, luminaires and lowering devices being state-furnished will be changed in the body of the change order (specs).

4. If the state-furnished light poles, luminaires and lowering devices have changes to the bolt patterns, anchor bolts, conduit routing, etc, then these details will need to be addressed in a plan sheet and that sheet will need to be incorporated into CCO 43.

5. The change order language will have to address a detailed description of what is to be state-furnished and the limits of contract work versus change order work. This would include details like who supplies bolts, limits of wiring, etc. These details will be discussed within the MEP group and CCO Desk.

Based on my understanding, these are the directions from CT to PB and TYLin. If I have misinterpreted something, please let me know so we can make the appropriate corrections.

Thanks,

Scott Fabel  
SAS CCO Desk

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Ken Lee/D04/Caltrans/CAGov

03/30/2008 04:49 PM

To Bill Shedd/D04/Caltrans/CAGov@DOT

cc Michael Travis/HQ/Caltrans/CAGov@DOT, Scott  
Kennedy/D05/Caltrans/CAGov@DOT

bcc

Subject sample chart

the first one was just a practice.

Bill/ Michael,

Here's the chart. I added three columns to show the status of the plates. I may revise this section to better show the exact status, but for now I will leave it as it is.  
I will only revise the highlighted columns and will not touch anything else.



OBG & TOWER-MEP Penetrations Master Chart 3.25.2008 MFT sampleChina.xls