



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

ENGINEER'S DAILY REPORT
LAN Engineering Consultant

SL 3/13/2009

REPORT NO.	DATE		
813 {7-day}{ + 210 Project Work Day}	March 05, 2009		M T W T F S S (DAY)
NORMAL WORK HOUR:	WEATHER:		
START: 6:00AM STOP: 3:30PM	CLOUDY/SHOWERS/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:

❖ **Upcoming RFI # 1670 Floor Beam MEP Penetration hole conflict @ PP 14 Lift #2:**

- Chris Bausone (ABF) talked to Gary Lai and me about this issue that he was informed about from Dan Raynor in China.
- There is a conflict issues with the floor beam at PP 14.5 and two of the holes for the service platform feed. The floor beam sets on a portion of two of the holes. The solution is to seal the holes in conflict so the floor beam can be welded in place.
- After researching the MEP penetrations and determining that the two holes would not jeopardize any feeds of cable or power conduits at the present time and in the future it was determined that the two holes can be sealed.
- TYLIN would have to respond to the way the holes can be sealed to provide the proper surface for the floor beam to be attached.
- I discussed this issue with Tom Ho and Hayat Tazir of TY LIN and also with Nick King and Abdi Sanei of PB and also with Bill Shedd.
- The RFI came in late Thursday so briefed Martin Chandrawinata about the issue to make sure the response would be returned ASAP.
- I also emailed and talked to Gin Rizzardo in China about the RFI. See Attachment #3.

❖ **Pull Boxes (A, B, C, D) Contract Sheet # 271 Fabrication/Acquisition Issue. Meeting Scheduled @ 10:00 AM WDC. (Caltrans – Design PB)**

- Sent an email to Bill Shedd covering my evaluation and comments on the meeting that took place on Tuesday March 03, 2009 @ 10:00 AM. See attachment # 2.
- Started to develop a package to send to pull box manufacturers to determine if the contract documents do cover all the specifications and details to proper fabricate the boxes needed for the project.

❖ **CRM Meeting on Submittal 915 Barrier railing lifts 1-6. (ABF/TYLIN/Caltrans).**

- Briefed Martin on the issues that were brought up at the CRM Meeting yesterday on the piping errors on the shop drawings that Chris Bausone (ABF) brought up during the meeting. Only the Eastbound OBG was reviewed during the CRM Meeting the Westbound OBG has similar issues.

REC'D 09 MAR 16 10:09:08



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❖ **Teleconference with Team China.**

- Developed and processed the teleconference minutes to the meeting as indicated by Martin in his email. See attachment #1.

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

0545-1600 @ Office / Time sheet total 8 hours regular

Attachments:

1. **March 04, 2009 Teleconference Minutes.**
2. **Email on CCO# 55 Sheet 271 Meeting.**
3. **RFI # 1670 Information / Emails.**

SIGNATURE

Name	Michael F. Travis	TITLE	Electrical Engineer – LAN Engineering
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Michael
Travis/HQ/Caltrans/CAGov
03/05/2009 11:57 AM

To Martin Chandrawinata/D04/Caltrans/CAGov@DOT
cc Bill Shedd/D04/Caltrans/CAGov@DOT
bcc
Subject Re: Teleconference Agenda Document

Martin is this OK?

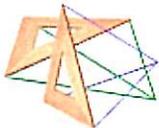
Please review and let me know.



March 4, 2009 Minutes - Teleconference : TEAM CHINA TELECONFERENCE Minutes - March 04 2009MFT.pdf

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

Martin Chandrawinata/D04/Caltrans/CAGov



Martin
Chandrawinata/D04/Caltrans/
CAGov
03/05/2009 09:57 AM

To Michael Travis/HQ/Caltrans/CAGov@DOT
cc Bill Shedd/D04/Caltrans/CAGov@DOT
Subject Re: Teleconference Agenda Document

Mike,

Thanks for the email from Gina on 2/2/09.

The formatting on the agenda is slightly corrupted, so I just summarize the meeting info below:

Attendees:

Oak - Bill, Saeed, Nick, Martin, Sandy, Grady and Don Ross.

China - Gina

Equipment requested:

Ear Plugs, Hard Hats, safety Glasses (regular and tinted), and surveyor's vests.
(Bill has been trying to order the surveyors vest and will check again)

Paint Shop:

Segment 3BE is currently inside the shop (not 4BW).

MEP Penetrations/ Issues:

OBG: No new penetrations

Tower: No new penetrations

MEP Master Charts:

Mike posted Lift 1-14, last updated on 2/25/09.

Gina will upload and check the cart and inform if there's any questions.

OBG & Tower Fabrication Status :
Ongoing

Other Items:

- 1. Don saw a chart / fabrication layout, possibly created by Charles Ho, and asked if Gina can get it and send it to him.
- 2. Ken Lee left Shanghai for US today; Scott Kennedy will be back to Shanghai in early April.

Regards,

martin

Michael Travis/HQ/Caltrans/CAGov



Michael
Travis/HQ/Caltrans/CAGov
03/05/2009 06:17 AM

To Martin Chandrawinata/D04/Caltrans/CAGov@DOT
cc

Subject Teleconference Agenda Document



TEAM CHINA TELECONFERENCE AGENDA - March 04 2009.doc

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

Project Description: SAS SFOBB Project**EA #: 04-0120F4**

Attendees:

Team Oakland: Michael Travis Bill Shedd Sandy Michelotti
 Grady Hart Tom Ho Martin Chandrawinata
 Saeed Shahmirzai Nick King Don Ross

Team China: Gina Rizzardo (011-86-136-1187-1856)

TOD Complete: Scott Kennedy (011-86-150-2131-3938)
 Ken Lee (011-86-158-2142-2546)

Communication Channels:

- o Gmail Account (working) : Account ID: mep.china@gmail.com
- o FTP site working
- o Yahoo Messenger

Agenda:

- **Equipment Requested by Team China:**
 - o Ear Plugs, Hart Hats, Safety Glasses (Regular & Tinted) and surveyor's vests.
(Bill has been trying to order the surveyors vest and will check again)
- **Paint Shop Status:**
 - o Segment 3BE is currently inside the shop (not 4BW)
- **MEP Penetrations / Issues:**
 - o OBG - No new penetrations.
 - o Tower - No new penetrations.
- **MEP Master Charts:**
 - o Mike posted OBG Lifts 1-14, Last posted 2/25/2009
 - o Gina will upload and check the chart and inform Team Oakland if there are any questions.
- **Tower fabrication status:**
 - o Ongoing.
- **OBG fabrication status:**
 - o Ongoing.
- **Other Items:**
 - o Don Ross saw a chart/fabrication layout, possibly created by Charles Ho. Asked Gina if she can get a copy and send it to Don Ross.
 - o Ken Lee left Shanghai for U.S. today: Scott Kennedy will be back to Shanghai in early April.
- **Teleconference schedule:**
 - o The next scheduled call will be on March 11, 2009.

Attachment #2 (1/1)

New Memo Reply Reply To All Forward Delete Follow Up Folder Copy into New Chat Tools

Michael Travis/HQ/Caltrans/CAGov
03/05/2009 09:16 AM

To: Bill Shedd/D04/Caltrans/CAGov@DOT, sandra_michelotti@dot.ca.gov@DOT, Sharad Patel/D04/Caltrans/CAGov@DOT
cc: SAS - Caltrans, Gary J Lai/D04/Caltrans/CAGov@DOT
bcc:
Subject: Pull Boxes (A, B, C, D) Contract Sheet # 271 Fabrication/Acquisition Issue Meeting Scheduled @ 10:00 AM WDC. (Caltrans - Design FB) - Comments

✦ Pull Boxes (A, B, C, D) Contract Sheet # 271 Fabrication/Acquisition Issue. Meeting Scheduled @ 10:00 AM WDC. (Caltrans - Design FB)

- Issues dealing with the Pull Boxes at the Tower Eastbound OBG interface were brought up at the MEP meeting on Tuesday of last week. The issues were dealing with the fabrication and details of the pull boxes at the Tower/OBG interface. This was also brought up in a CRM with the contractor dealing with CCO #55 on Tuesday February 10.
- The following issues were addressed on March 3, 2009 :
 - Issue #1 - Can the four pull boxes (A, B, C and D) be fabricated with the specifications and details showed on the contract documents.
 - I indicated that the contract documents have several specifications and details of what the boxes are to be fabricated by. Also the Special Provisions indicates three manufactures or equal as a guide to acquiring these boxes. I asked the electrical design engineers from PB if they provided all the information required to fabricate the boxes and if they had confirmed that these boxes were capable of being produced by at least the three manufactures that they provided as a source for the boxes. I was told that there is enough information and that the boxes can be fabricated per their design.
 - PB asked if they need to produce more sheets to show the boxes in more detail. I asked if they were going to change the design of the boxes in any way that will require any changes to the original details or specification of the boxes. They said no but if Caltrans wants them to produce the sheets they can but it would take design time from PB.
 - PB gave out some catalog cuts from Hoffman of different types of boxes with some of the requirements indicated in the contract but not an inclusive package to indicate all the requirements specified in the contract documents. Also received an 11X17 sheet showing Pull Box "D" drawn by PB as an example of the additional sheets showing the pull boxes. There were soon additional requirements on the Pull Box "D" sheet from the contract documents. See attachment # 4.

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Michael Travis/HQ/Caltrans/CAGov
03/05/2009 09:16 AM

To: Bill Shedd/D04/Caltrans/CAGov@DOT, sandra_michelotti@dot.ca.gov@DOT, Sharad Patel/D04/Caltrans/CAGov@DOT
cc: SAS - Caltrans, Gary J Lai/D04/Caltrans/CAGov@DOT
bcc:
Subject: Pull Boxes (A, B, C, D) Contract Sheet # 271 Fabrication/Acquisition Issue Meeting Scheduled @ 10:00 AM WDC. (Caltrans - Design FB) - Comments

- With what I received from PB and what was discussed I still have a doubt that the specifications and details in the contract documents were thoroughly research during the design phase of this project. One of the manufactures listed in the special provisions do not fabricate pull boxes only cable trays. So unless they contacted the manufacture and gave them the design specifications of the boxes and were assured from the manufacturer that they can fabricate the boxes they are not a feasible source as indicated in the special provisions. Since I did not get any firm conformation from PB that they had contacted the manufactures in design I will try to research this issue to see if it is possible to acquire these boxes without any additional design information.
- Issue #2 - Can the sheet #271 be excluded from CCO # 55, 61 and placed in CCO # 70 with all the changes from all the RFI's and CCR's at one time. This would mean deferring some of the RFI close out until this sheet is issued with all the changes in CCO #70
- Reviewing all the RFI's changes to sheet #271 it was agreed that the sheet can be excluded from CCO # 55 and #61 without any conflicts in the CCO packages (CCO # 55 and CCO#61) being issues. The RFI's that pertain to this sheet will still remain partially open until this sheet gets issued to the contractor in a future CCO Package (CCO # 70).

Any questions or comments please let me know.

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



Michael
Travis/HQ/Caltrans/CAGov
03/05/2009 04:23 PM

To Gina Rizzardo/D04/Caltrans/CAGov@DOT
cc Bill Shedd/D04/Caltrans/CAGov@DOT, Gary J
Lai/D04/Caltrans/CAGov@DOT, Martin
Chandrawinata/D04/Caltrans/CAGov@DOT
bcc

Subject Re: Upcoming RFI 1670 

Gina,

I talked to Chris Basone and Gary lai about this issue.

I researched the documents and found that they are spare penetrations and the two might be able to be eliminated at PP 14 service platform feed.

I also checked all the other service platforms and there is no conflicts on those locations only this one. I briefed TY LIN and PB about the issues to expedite a response ASAP. Also talked to Bill Shedd about it.

In my opinion there wouldn't be a problem eliminating the two holes on the Eastbound and two holes on the westbound at PP 14 cross beam.

You need to wait for the official direction from TYLIN and PB / Team Oakland. I will try to speed them up.

I sent the 3D snap shots of the area showing the issue.

The two outer most holes would not be a major problem if eliminated in my opinion.

I believe you will get a response soon.

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

Gina Rizzardo/D04/Caltrans/CAGov



Gina
Rizzardo/D04/Caltrans/CAGov
03/05/2009 03:49 PM

To Michael Travis/HQ/Caltrans/CAGov@DOT
cc Martin Chandrawinata/D04/Caltrans/CAGov@DOT, Bill
Shedd/D04/Caltrans/CAGov@DOT, Gary J
Lai/D04/Caltrans/CAGov@DOT
Subject Upcoming RFI 1670

Dan Raynor came and spoke to me about RFI 1670, which you should be receiving soon from Chris Basone. On SP193 there is an interference between the last two MEP holes and the floorbeam so ZPMC plans to fill in the last two holes. This work will probably be done tomorrow so I think a bootleg response, if any exceptions are found, would be a good idea.

I've attached the plan sheet for information.



Gina
Rizzardo/D04/Caltrans/CAGov

03/05/2009 10:36 PM

To Michael Travis/HQ/Caltrans/CAGov@DOT

cc Gary J Lai/D04/Caltrans/CAGov@DOT

bcc

Subject Fw: Upcoming RFI 1670

Looks like this one is not as time critical as outlined in the RFI as the Floorbeams have already been installed and the access to plug the holes is blocked by the support beams underneath. Stan has emailed Carol, James, and Marwan with pictures and Construction's opinion to the solution so there should be a response in the next few days.

Thanks,
Gina Rizzardo
Structures Construction
SF/OBB-SAS
136-1187-1856

----- Forwarded by Gina Rizzardo/D04/Caltrans/CAGov on 03/06/2009 02:32 PM -----



Gina
Rizzardo/D04/Caltrans/CAGov

03/06/2009 09:28 AM

To Michael Travis/HQ/Caltrans/CAGov

cc Gary J Lai/D04/Caltrans/CAGov@DOT

Subject Re: Upcoming RFI 1670 

Spoke with Jason Tom and he hoping to get an answer COB today in China. How likely is that looking?

Thanks,
Gina Rizzardo
Structures Construction
SF/OBB-SAS
136-1187-1856
Michael Travis/HQ/Caltrans/CAGov



Michael
Travis/HQ/Caltrans/CAGov

03/06/2009 08:23 AM

To Gina Rizzardo/D04/Caltrans/CAGov@DOT

cc Bill Shedd/D04/Caltrans/CAGov@DOT, Gary J
Lai/D04/Caltrans/CAGov@DOT, Martin
Chandrawinata/D04/Caltrans/CAGov@DOT

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Gina Rizzardo/D04/Caltrans/CAGov



Gina
Rizzardo/D04/Caltrans/CAGov

03/05/2009 03:49 PM

To Michael Travis/HQ/Caltrans/CAGov@DOT

cc Martin Chandrawinata/D04/Caltrans/CAGov@DOT, Bill
Shedd/D04/Caltrans/CAGov@DOT, Gary J
Lai/D04/Caltrans/CAGov@DOT

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I've attached the plan sheet for information.



SP193.pdf

Thanks,
Gina Rizzardo
Structures Construction
SF/OBB-SAS
136-1187-1856