



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

ENGINEER'S DAILY REPORT

LAN Engineering Consultant

REPORT NO.	DATE		
650 {7-day} { + 210 Project Work Day}	September 23, 2008		M T W T F S S (DAY)
NORMAL WORK HOUR:	WEATHER:		
START: 6:00AM STOP: 3:30PM	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 *HL 9/24*
Senior Bridge Engineer

Office Work:

- ❖ **MEP Pre-Team MEP Meeting/Staff meeting (Caltrans – Designers).**
 - Covered the September 16 Recap Minutes.
 - Covered this week Team MEP Meeting Itinerary from ABF.
 - Covered Staff meeting issues and assignments.
- ❖ **MEP Team MEP Meeting (Caltrans – Designers - Contractor).**
 - Covered the week’s Agenda hand out by ABF.
 - See attachment for this week’s agenda and comments included on the sheet during the meeting.
- ❖ **CCO # 90 Elevation 53 issues by Clive @ meeting.**
 - Meeting held in Saeed’s office to discuss the comments brought up by Clive at an earlier meeting. Clive had rejected the proposed layout at elevation 53 using wireways.
 - The following people were present at the meeting: Saeed Shahmirzai, Bill Shedd, Michael Travis, Nick King.
 - The decision was made to call a meeting with Clive, Maintenance and the above people to discuss all the design issues and what is possible to accomplish at this point in the construction contract. Approximately 30 days from today is the target date.
- ❖ **CCO # 59/68 OBG/Tower Additional penetrations.**
 - Working on the update to the OBG Master Charts and CCO 59 Charts. Adding the lift 13 bottom plate penetrations.

REC'D *08 SEP-27 #005706



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❖ **CCO # 75 Review Ongoing.**

- Performing a complete review and comment package for the PB design group. Working with Sandy Michelotti on the package.

❖ **CCO # 75 E2 Cap Beam Ground Cable installation.**

- Anna (Bleyco) brought in the four ground plates for installation in the E2 cap beam pour. I gave a sketch to Anna proposing to have her install a 20' pigtail to the ground plate end. Since the installation of the extensions to the existing ground cables it was determine that there could be a problem routing and getting to the proper location on the form work. To ensure there is enough length of ground cable to route through the reinforcement bars I requested to exothermic weld a 20' length of additional insulated ground cable to the ground plates. This would ensure proper length to install the ground plates at the desired location and also make installation in the field easier due to location of the ground plates.
- See attachment for sketch.

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 0545-1600 – 8 hours regular

Attachments:

1. Team MEP Meeting Recap September 16, 2008/Pre-MEP Meeting September 23, 2008.
2. Team MEP Meeting Agenda September 23, 2008.
3. Sketch given to Bleyco Electric (Anna) for ground plate preparation for E2 grounding installation.

SIGNATURE

Name

Michael F. Travis

TITLE

Electrical Engineer – LAN Engineering



TEAM MEP MEETING
September 16, 2008 Meeting Recap
WDC Conference Room

1. RFI STATUS REVIEW AND EVALUATIONS

1.1. Requests for which ABF is awaiting response

1.1.1. none

1.2. Requests returned since last meeting on 9/9

1.2.1. RFI # 1471 (8/7/08) – East Cable Anchorage Dehumidification System Issues – ret'd 9/12/08

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-001471R00	2	2	2	TBD

1.4. Upcoming Requests

1.4.1. piping expansion loop under bike path vs. traveler at skyway transition

1.4.1.1. CT advises that design group is studying this conflict

1.4.2. light fixture (stanchion) mounting to catwalk railing (PB) CCO #43?

2. SUBMITTALS

2.1. MEP Submittals currently under review

2.1.1. 751 – Traveler Scaffold Details for SAS-WB

2.1.1.1. CT advises that the return of drawings is imminent

2.1.2. 781 – Traveler Scaffold Details for SAS-EB

2.2. MEP Submittals returned since meeting on 9/9

2.2.1. 34R1 – Seismic Sensor Telephone Cables - ret'd APP - 9/9/08

Attachment #1 (2/4)

2.2.2. 34 – Seismic Sensor/Recorder Enclosures - Response Update 2 - ret'd AAN - 9/11/08

2.2.2.1. additional submittal comments per CDMG review

2.2.3. 64 – Seismic Sensor Enclosures - Response Update 1 - ret'd AAN - 9/11/08

2.2.3.1. additional submittal comments per CDMG review

2.2.3.2. State letter 2679 (for SUB-64) is similar to State letter 2680 (for SUB-65) except that it does not verify association with CCO 42. ABF would like to verify that the additional comments provided via State letter 2679 are also in conformance with RFI-462 and as captured in CCO 42.

2.2.3.2.1. Even though there was a conflict between plan & spec, seismic sensor enclosures 2-5 were identified, in S.P. 10-3.18, to be 316L Stainless Steel. Since S.P.'s take precedence over Plan Sheets, this is considered a no change situation by the Department. ABF concurs with that logic as it relates to enclosures 2-5.

2.2.4. 65 – Seismic Sensor Junction Box - Response Update 1 - ret'd AAN - 9/11/08

2.2.4.1. additional submittal comments per CDMG review

COOK - UP
6-7
Boxes
Spec.
SSC. ?

2.3. Upcoming Submittals

2.3.1. Traveler Scaffold Details for E2/E3-EB & WB

2.3.2. 764R1 – PQWP for ABC resub

2.3.3. FWS working drawings (piping) – approximately 1 week away

2.3.4. Fog Detection Equipment – pending CCO 61

Oct 1 CCO 61

2.3.4.1. after further consideration CT advised to go forward with submittals if Bleyco is comfortable with doing so prior to receipt of CCO 61. ABF will inquire with Bleyco.

2.3.4.2. ABF requested verification that design consultation with Bleyco's supplier is complete and inquired about status of Coast Guard approval for the design.

2.3.4.3. Panel requirements for the system and cabinet size are to be verified by CT. Specs for bell are also to be verified.



3. MISCELLANEOUS

3.1. Booster Pump Piping

3.1.1. What design changes are in store for routing and allowable movement of pipe?

3.1.1.1. Details unknown. CT deferred to forthcoming CCO 90.

3.2. CCO 99 status update

3.2.1. CT advises that the scope is mostly structural and not affecting MEP; they also advised that a partial package ATP is brewing. Bob Bergamo → Red Line

3.3. CCO 61 status update

3.3.1. CT expects to get a draft package from designers in about a month

Designs
Return
TO AB.
Bob Bergamo

Oct. 1

3.4. CCO 68 status update

3.4.1. CT advised that ETA is unknown; it is loosely tied to the way CCO 59 gets issued

(No Attachment.)
OUT YESTERDAY

TAKE

3.5. CCO 75 status update

3.5.1. CT has received draft from PB and expect to complete their review by 10/1/08

3.6. CCO 90 status update

3.6.1. CT expects to get first draft from designers in early-october

/ Back Burns

3.7. Department clarifications regarding Navigation/Aviation System correspondence

3.7.1. ABF received the Department reply providing clarifications and has no comment at this time.

3.8. Status of revised review comments for Submittal 759 for cable tray supports

3.8.1. PB to issue to CT today 9/16

759

Ask Max

TEAM MEP MEETING
Agenda for September 23, 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. none

1.2. Requests returned since last meeting on 9/16

1.2.1. none

1.3. RFI/CCO EVALUATIONS LEGEND

- (1 = NC = NO CHANGE)
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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. piping expansion loop under bike path vs. traveler at skyway transition →

1.4.2. light fixture (stanchion) mounting to catwalk railing →

1.4.3. Cat walk Access Hatches →

2. SUBMITTALS

2.1. MEP Submittals currently under review

2.1.1. 751 – Traveler Scaffold Details for SAS-WB

2.1.2. 781 – Traveler Scaffold Details for SAS-EB

2.2. MEP Submittals returned since meeting on 9/16

2.2.1. none

2.3. Upcoming Submittals

2.3.1. Traveler Scaffold Details for E2/E3-EB & WB – this week

Bike path ←
(CCR) # PB
ISSUE

* Talked to Anna about E2 Grounding.
Ground plate

Rosenberg
Base

- 2.3.2. 764R1 – PQWP for ABC resub
- 2.3.3. FWS working drawings (piping) – approximately 1 week away
- 2.3.4. Fog Detection Equipment – pending CCO 61

3. MISCELLANEOUS

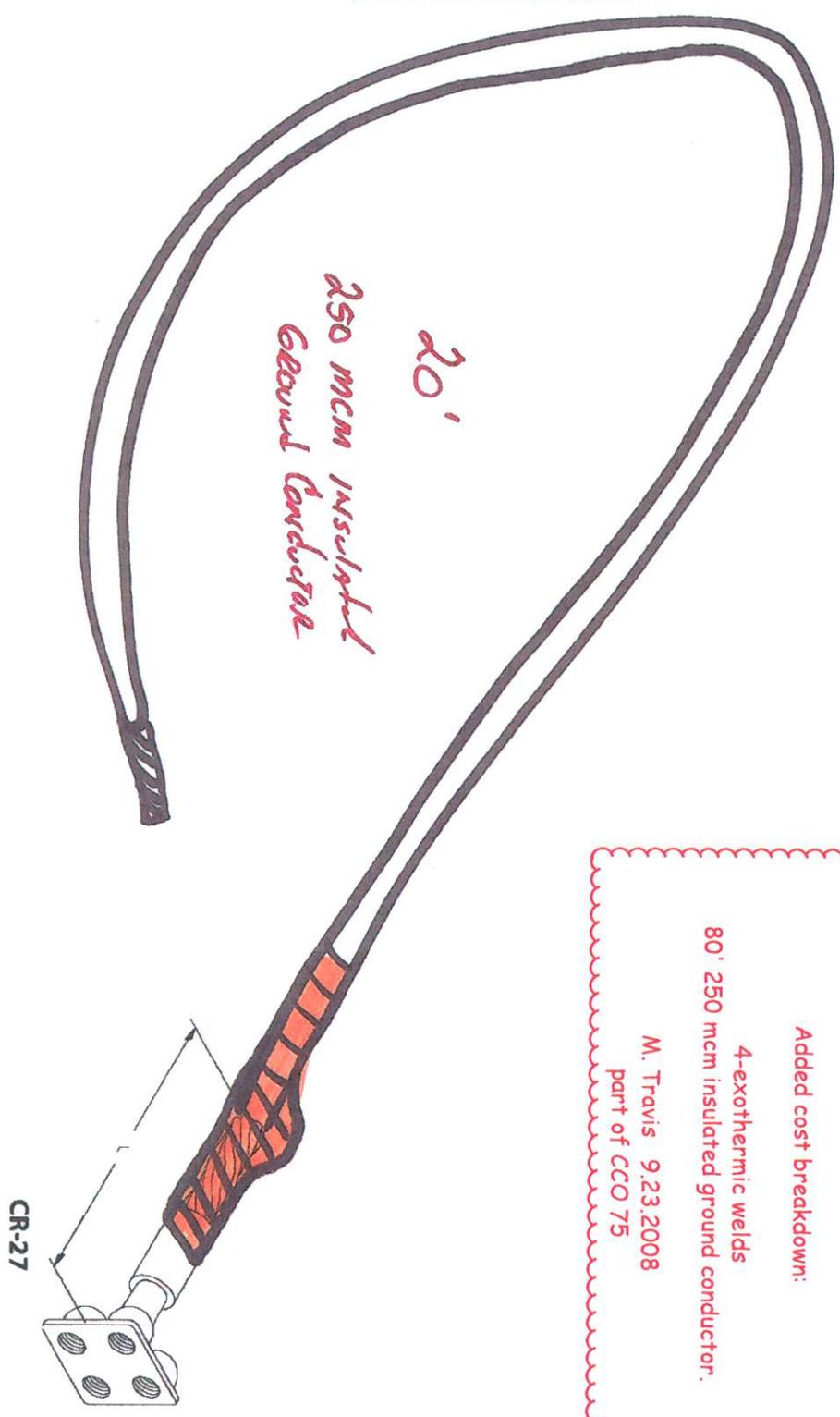
- 3.1. any CCO 99 status update since last week? PB ATP Soon (CT comments)
- 3.2. any CCO 61 status update since last week? COORDINATION WITH CONST BOARD. OCT. 1
↓
AP → DONE
- 3.3. any CCO 68 status update since last week? Letter YESTERDAY NOT IN LETTER.
- 3.4. any CCO 75 status update since last week? CT Review OCT 1
- 3.5. any CCO 90 status update since last week? Pending → Hold
- 3.6. any CCO 59 status update since last week? Letter YESTERDAY
- 3.7. Status of revised review comments for Submittal 759 for cable tray supports → (759) ← Today
- 3.8. Submittal 768 – OBG-Miscellaneous-Deck Drainage-Type 2
 - 3.8.1. some mark-ups are not quite accurate. RFI → Supersede Lock-Tight Threads
 - 3.8.2. not all locations are accurate and neither are all location corrections. → Locking
 - 3.8.3. RFI-897 was (at least partially) superseded and should not be used as reference in this case. Why no change order or revised plan sheet reference? RFI-897R1 response confirmed that the plan sheet would be updated. Think Lock Tight
 - 3.8.4. locktight threads is not something that can just be ordered. There are multiple designs for such a bolt. During CCO 44 review, Bausone asked for the note about locktight threads to be changed. Thread locking compound should be sufficient.

Tower head
Few weeks

Reference
↑
Drawings
Sheet
Numbers.
General
NOTE
or
Sole Source

OBG Group.

Attachment #3 (1/1)



Proposed Ground Plate with Pigtail added in shop for field installation.
Given to Bleyco Electric on September 23, 2008

This would provide a easier installation in the field by the electrical contractor

Added cost breakdown:
4-exothermic welds
80' 250 mcm insulated ground conductor.

M. Travis 9.23.2008
part of CCO 75