

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
ASSISTANT RESIDENT ENGINEER'S  
DAILY REPORT  
BY WILLIAM SHEDD

File 46

Date: 03/04/12 through 03/10/12

**SELF-ANCHORED SUSPENSION (04-0120F4)**

Bill Casey / Rick Morrow

Time Elapsed – 70%  
Completed – 88%  
Bid Amount: \$1,434M

Contract Approval Date: May 3, 2006  
First Working Date: May 18, 2006  
Forecast Date for Seismic Safety Opening: August, 2013

**STATUS OF WORK:**

Office Work

- The Department continues to review shop drawings and fabrication procedures for Bridge Deck, T1 Tower, Cable System, MEP field work, and Contract Change Orders.
- Requests for Information (RFI): 3544 received – 3533 (99.7%) Responded
- Working Drawing Submittals: 8933 received – 8899 (99.6%) Responded

OBG Field Work

- Field painting is ongoing.
- Field Splice Completion welding of L12W to L13W, L12E to L13E, L13W to L14W, and L13E to L14E is complete.
- Filling of voids in the counter weight concrete is ongoing.
- Installation of domestic water and compressed air lines along the west bound bridge, North barrier is ongoing.

Tower Field Work

- NDT and repair of the tower base shear plate welding is on hold.
- 9M and 13M diaphragm welding to the shear plate is ongoing.

Cable Field Work

- Parallel Wire Strands (PWS) installation is ongoing. PWS 90 will be hauled on 3/9/2012.
- Adjustment of installed PWS is ongoing.

W-2 Field Work

- Installation of cable trays for the transition of electrical from the OBG to the W-2 column is ongoing.

Hinge K Field Work

- WB tie-down system installation is complete. Tie-down rods are being tensioned.

Steel Fabrication (Other Facilities)

- Traveler pneumatics fabrication is ongoing. Testing of the main SAS traveler scheduled for April, 2012. (Westmont Industries, Santa Fe Springs, CA)
- Hinge K bearing assembly fit test is scheduled for March 2012 (Lubrite).
- Forecast completion of seismic joint fabrication is April, 2012 (Watson Bowman).

**ASSISTANT RE'S DAILY REPORTS:**

46.00

Monday, March 05, 2012

- Mostly clear.
- I attended Casey's All-Staff meeting. See notes.
- I attended the Contractor / CT Senior meeting. See notes.
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WEDNESDAY - 8 AM 9:47 19223

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Week Ending 3-10-12

**Tuesday, March 06, 2012**

- Clear.
- I chaired the Owner / designer MEP meeting. See agenda.
- I worked on emails, car logs and time sheets.
- I went to W2 with Clive to see the cable trays at the columns. He concurred with the change to put covers on them.
- See notes.

**Wednesday, March 07, 2012**

- Clear.
- Discussions with Ken Beede and Martin regarding the Concrete backfill for the duct bank.
- I attended Casey's senior meeting.
- I attended Musco conference call with Craig Fern, D4 Electrical, Translab, PB Design and others. See notes.
- I met with Casey, Nina, Andy Rogerson, Nicolai. We need paint reps to come to the site and see what we have and make a recommendation for top-coating over the existing top coat.
- See notes.

**Thursday, March 08, 2012**

- Clear.
- I completed and sent a survey request for the AT&T bore alignment on YBI.
- I attended CCO 167 S2 workshop. We conference with Matt from Musco. The PB boxes can be reduced to 6X6X4.
- See notes.

**Friday, March 09, 2012**

- I chaired the MEP CCO meeting. See notes.
- Discussed the stanchion submittal with Nick and Warren. I studied the cable band shop drawings. The stanchions are plumb on all cable bands.
- I met with Rick Erickson (surveyor) and Perry on YBI and laid out the AT&T bore alignment.
- I met with Howe and Saeed to call Craig Fern who will email Jim (Musco) with a list of equipment for testing.
- Diaries.

**Saturday and Sunday, March 10 & 11, 2012**

- No MEP work planned.

  
William B. Shedd,  
SENIOR CONSTRUCTION ENGINEER

- 3-6-12 Tuesday Clear cold breezy
- Valmont CCO investigation, sent info to Doug who is working on the CCO.
  - MEP Owner / Designer Mtg - See Agenda.
  - MEP Contractor Mtg - See Agent
  - Field trip w/ Clive to look at WZ cable tray covers. He approved the covers & will email the approval to Angela. He also wants them painted under the SAS soffit. I asked that he send that request through Hulsebus.

Wed 3-7-12

- Casey's Staff Senior mtg.
- Duct bank cover - RFI discussion w/ Martin & Ken Beede - Only ~80 mm cover of red PCC is required w/ the warning tape on top of that.
- Musco Conference call mtg w/ CT METS, translab, Testing, Elect. DT, PB Elect design and Musco.
  - Craig Fern - concerned w/ electronics - Extra stuff w/in the enclosure that are not called out in the specs. Conformal coated circuit boards
  - Need to understand the needs 10 years from now. How many different fixtures? Need to have them mapped and we will need extras etc to be able to maintain them in the future.
  - Need to pull fixtures off of the production line for testing - METS will go to Blecco's warehouse and A/O samples & bring them back to Sac. for testing.
  - Went through Ellery's comments & Yea's
- Mtg w/ Bill Casey, Nina, Andy Rogerson, Nicolai We want the Paint Reps to come on site & give recommendation on water blasting for prep. Then we will do paint & adhesion test. (carbottane) (Intertek)

Thursday 3-8-12

- Safety mtg - Injury reporting

- Survey Request sent - Scanned

- CCO 167 SZ workshop.

- Conferenced Rocky. Minor revisions req'd

- Conferenced Matt @ Musco. He confirmed that there are fused disconnects in the MUSCO boxes. The PB boxes need to (and can) ~~be~~ be reduced to about  $6 \times 6 \times 4$  which greatly reduces the seismic loads & mounting complexities.

Craig Fern  
916  
799 9068

Friday 3-9-12

- Stanchion / cable band study & discussion w/ Warren and subsequent email. Stanchions should be plumb.
- MEP CCO Mtg - See Agenda
- Met Rick Erksen (surveyor) & Perry on YBT & laid out the bearing alignment
- Met w/ Said & Howe to call Craig Fern to discuss Musco light testing. Craig will email Jim Berns and request samples etc.
- Reviewed sheet 759 for cable stanchion angles questions & emailed to Musco.