

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

**File 46**

**Date: 07/29/12 through 08/04/12**

---

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

**Bill Casey / Rick Morrow**

Time Elapsed – 75%

Contract Approval Date: May 3, 2006

Completed – 89%

First Working Date: May 18, 2006

Bid Amount: \$1,434M

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): 3787 received – 3766 (99.3%) Responded
- Working Drawing Submittals: Information not available.

OBG Field Work

- Field painting is ongoing.
- QC and weld repair work for the installation of Lift 13E and Lift 13W drop-in pieces (housing the east end cable anchorage) is ongoing.
- QC and weld repair work for the installation of Lifts L12-E and L12-W corner assemblies is ongoing.
- The cradles for Lifts L13E and L13W have been removed.
- The welding of the Bases of East Saddles Housing is ongoing.
- CCO 202 work for the access between the SAS and the Skyway is ongoing.

Tower Field Work

- NDT and repair of the tower base shear plate welding is occurring intermittently pending completion of OBG welding.
- 13M diaphragm welding to the shear plate is substantially complete.

Cable Field Work

- Suspender rope installation is complete for the side span cables and the main span cables with the exception of PP 100 – 110; which will be installed during Phase 3 load transfer.
- Installation of load transfer jacking system is ongoing.

Electrical Work

- 15KV, 600V and TOS/COM cables are pulled on EB OBG Girder.
- Pulling 15KV cables on WB OBG Girder is ongoing.
- Installation of the cable conduit is ongoing.

W-2 Field Work

- Load transfer hardware installation is ongoing at the jacking saddle.

Hinge K Field Work

- Soffit/stem rebar installation is ongoing.

Steel Fabrication (Other Facilities)

- Repair of the westbound travelers air system is ongoing. (Westmont Industries, Santa Fe Springs, CA)

\*12 AUG-6 AM 9:53 21402

## **ASSISTANT RE'S DAILY REPORTS:**

### **Monday, July 30, 2012**

- Clear.
- Casey's all-staff mtg. See notes.
- I attended the ABF / CT senior meeting see notes.
- I met with Adam, Boal, and Warren to review submittals and plan for the messenger cable installation.
- I worked on admin stuff, including Letter of Warning for DB.

### **Tuesday, July 31, 2012**

- Clear.
- I worked on admin stuff, including Letter of Warning for DB.
- I revised the duty statement for the volunteer Sam Sowko.
- I prepared and chaired the Owner / designer MEP meeting. See agenda.
- I met with Bill O regarding the hinge k embeds. I later had multiple discussions and researched plans in an effort to get them placed before the steel gets too congested.
- I attended the utility coordination meeting and updated the SAS items.
- I met with Yanis, and Martin to discuss the METS roll in the elevator fabrication. We reviewed the specs.
- See notes.

### **Wednesday, August 1, 2012**

- Clear.
- I attended Casey's Senior / Lead meeting to discuss open issues. See notes.
- Bill o called to say that there was gre paint on the cable trays that was done by mistake. Possible RFI on the way.
- I met with Yanis, and Martin to discuss the METS roll in the elevator fabrication. We reviewed the specs. I later met with Casey, then we went to discuss with Bill O, who did not have many answers. I emailed the Cal Building code quote that references the AWS for welding.
- I updated my overdue car log.

### **Thursday, August 2, 2012**

- Clear.
- I attended the Safety Meeting. See notes.
- I researched and emailed regarding the elevator specifications regarding shop drawings and welding. I briefly discussed with Kick. They will get with USA for their position.
- I discussed the W2 pad-eyes with Kick. They will install them but would prefer force account. I later discussed with Schram and Andrew. It may be best to write cco 218 for this work at FA.
- I worked on an estimate with Shewit for the pad-eyes. For about 40 pad-eyes, it would cost about \$40K.

### **Friday, August 3, 2012**

- Clear
- I prep'd for, and chaired the MEP CCO meeting. See agenda.
- I met with Jason W. to discuss the embeds at hinge k.

3  
STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
ASSISTANT RESIDENT ENGINEER'S  
DAILY REPORT BY W. SHEDD  
Week Ending 8-04-12

- I worked on diaries and emails.
- I worked on the cco 81 specs. Sam and Martin took them to Michael Lee and he stamped and signed them. The cco is now ready to send for final pricing.
- I attended the Valmont Conference call. See notes.

**Saturday and Sunday, August 4 & 5, 2012**

- No MEP work planned.

  
William B. Shedd,  
SENIOR CONSTRUCTION ENGINEER

(1+)

Monday 7:30 - 12

- Casey's All-staff mtg.
  - Scaffolds, grinding debris, suspender holes in the cat walks.
  - Swift - Green last time, New inspection this wed. Amendment for Jacking.
  - Penryn should fledge later this week.

- Casey's/ABF Senior mtg.

- Cracked pelvis from last Monday's accident. Lost time, discharged from hospital Thursday. Grady to follow-up w/ Dan? / Ed for reporting.
- ABF will do a mock OBG/X-Beam extraction drill in the next few weeks. ABF will keep us informed
- Padeyes - I gave kick a Draft of Plan for his feed back
- Elevator Code - Full blown AWS Job - How can it be? Asked by Brian Peterson - USA is a selected fabricated. Drawings, Inspections are outside the bounds of the contract. ASME Code does not require. The ASME code should provide a safe elevator. ASME 17.1 - Code controlling the elevator.

- Met w/ Adam, Boal, Warren - Reviewed wire Co ~~doc~~ document & plan for messenger cable.
- I worked on Letter of Warning for Dargatzis

(1+)

Tuesday 7-31-12

- Personnel (DB) Memo review w/ Bill Casey
- Revise Volunteer Duty Statement for Sam S. Summer assignment.
- Chaired Owner/Designer MEP Mtg - See Agenda for notes
- Met w/ Ian's <sup>Bill O</sup> - METS/CT contractual obligations and rights regarding the fabrication of the elevator. - We need to look @ the contract docs including the ASME.
- Met w/ Bill O - HingK embeds - the Carpenters built it per OBG plans not the RFI response. ~~It~~ It is OK if there is enough embeds available.
- Stone's Utility Coord. Mtg 1-2:00
- Car loss - Over due.
- Emails -
- Elevator Mtg
  - "Welded Construction" (Specials) - "Comply w/ AWS Standards..."
  - ASME 17.1 - "Section 4.1.18 - 2,23.10 -
    - AWS - for rail connections
    - Car fabrication - not explicit on welding
    - ASME 8.8 - ? Need to cover -
  - Specials - explicitly require "all shop drawings"

Wed 8-1-12

- Casey's Senior Mtg -
  - \* Give Casey an email of staffing needs for the next year
  - \* ✓ - 10:00 Elevator mtg w/ Casey
- Gray paint on the cable tray.  
RFI is on the way
- Elevator mtg - More discussion on AWS & ASME requirements. What drawings & weld procedures do they intend to use?
  - Cal Bldg Code - indicates that AWS is required.
  - Specials state Welded Construction - Comply w/ AWS
  - ABT to ID what welding standard is intended for use
  - We want Shop drawings & certified welders & welding standard
  - Bill C. wants to go to USA Aug 21, 22, 23
  - We are going to inspect it, as we will own it for life.
  - We are going to Chicago to HELP not hinder
  - Best interest of all.
  - Visits to USA 1 or 2 times per month.
  - Given the history of welding on this job, we need to ensure welds are good.
  - We are willing to work w/ other welding codes
- Met w/ Bill O & discussed ~~our~~ our expectations for the elevator
- Car log, Email



Runs 8-2-112

- Safety Mtg - Video - Fall from Height

- Met w/ Kick-

- He is ok w/ Pad-Eyes @ W2 soffit - Need COFA
- He will ponder and review the Cal. Building Code that I emailed to him that indicates AWS welding for elevator

- Pad Eye welding cost estimate assuming 30  
 Foreman welder/helper  $\rightarrow$  7 days  $\rightarrow$  \$20K  
 Painter x 2  $\rightarrow$  4 days  $\rightarrow$  3K  
 CWI Inspected 4 days

$$\sum 23 + \text{Misc}(5) = 28$$

w/ MVA = \$30K

- Discussed w/ Andrew & Darryl. It would be best to have this be the only thing in cco 218.

Hoop on TI YMCA



Friday 8-3-12

- Diaries, emails

- CCO Mtg

\*  
\*

Call Michael Lee for CCO 81<sup>(PE)</sup> Stamping Sheets.  
CCO 187 status & w/ Roberto

- CCO 81 - Martin & Guy to take spec cover sheet to M. Lee for his stamp this afternoon.

- Valmont Conf Call. See Agenda w/ Notes