

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

**File 46**

**Date: 07/08/12 through 07/14/12**

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

**Bill Casey / Rick Morrow**

Time Elapsed – 74%  
Completed – 89%  
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): 3746 received – 3715 (99.1%) Responded
- Working Drawing Submittals: 9269 received – 2915 (99.4%) Responded

OBG Field Work

- Field painting is ongoing.
- QC and weld repair work for the installation of Lifts L13E and L13W drop-in pieces (housing the east end cable anchorage) is ongoing.
- QC and weld repair work on Lifts L12E and L12W corner assemblies is ongoing.
- The welding of the Bases of East Saddles Housing is ongoing.
- CCO 204 repair work at Panel Points 14 and 118 is ongoing.
- CCO 202 work for the access between the SAS and the Skyway has begun.
- Erection of the suspender brackets at Panel Points 108 and 110 is ongoing following CCO 230 work to strengthen the brackets.

Tower Field Work

- NDT and repair of the tower base shear plate welding is ongoing.
- 9M diaphragm welding to the shear plate is complete.
- 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 friction clamps is complete.
- 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

- Saddle housing installation is ongoing.
- Construction of the duct banks at the base of Pier W-2 is complete.
- Horizontal Drilling for Manholes MH-28A and MH-28C is complete.

Hinge K Field Work

- Westbound falsework installation is complete. Installation of the soffit forms is complete.
- Installation of Hinge K westbound bearings/housing/support frame is ongoing.
- Hinge K pipe bearing installation is complete along the WB direction.

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Steel Fabrication (Other Facilities)

- Pressure testing of the 5 traveler pneumatic systems is ongoing. (Westmont Industries, Santa Fe Springs, CA)

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

### **Monday, July 9, 2012**

- Clear.
- Casey's all-staff mtg. See notes.
- I researched eye wash bottles / stations for purchase for the project.
- I attended the ABF / CT senior meeting see notes.
- I reviewed cco 72s1 sheets.
- I worked on admin stuff.
- I met with Jordana and Clive and Saeed to review Q & A's regarding the LED lights for the upcoming media event.

### **Tuesday, July 10, 2012**

- Clear.
- I prepared and chaired the Owner / designer MEP meeting. See agenda.
- I discussed the cat walk training for Sam S and decided that it is not necessary.
- I prepared for and attended the AT&T and BBC meeting. See notes. They will revise their plan to access the SAS for the inner duct and fiber installation, and resubmit.
- I revised the agenda and attended the utility coordination meeting and updated the SAS items.
- I reviewed the TYL cco 72s1 sheets with Andrew.
- See notes.

### **Wednesday, July 11, 2012**

- Clear.
- I attended Casey's and Tony's Senior / Lead meeting to discuss the foreign steel and the media. See notes.
- I discussed elevator permit tasks with Martin.
- I left messages for Ken Brown and Bill Z regarding the elevator service contract.
- I met with Mazan, Casey, Yanis, and Martin to discuss the METS roll in the elevator fabrication. We updated the status and progress of the drawings and permit and variance request.
- I attended the Musco / Valmont conference call.
- I attended a conference call meeting with Martin, Yanis, Kick and USA Hoist. Kick was extra unprofessional, shouting "shut-up" into the phone at Robby (USA). There are disputes as to the payment of the shop drawing portion of the breakdown of the LS. USA believes that they do not need more shop drawing submittals. We believe that they do, as non of their drawings show enough detail of the cab.

### **Thursday, July 12, 2012**

- Clear.

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- I attended the Safety Meeting. See notes.
- I researched and emailed regarding the elevator service contract that is desired by Maintenance.
- I met with Mazan, Casey, Martin, and Yanis to discuss yesterday's elevator meeting with Kick and USA.
- I returned to the bridge at 9pm to observe the pole lights with Saeed, PIO and clive. They looked great from the skyway and Treasure Island. The PIO is planning a media event for the lights.

**Friday, July 13, 2012**

- Overcast.
- I prep'd for, and chaired the MEP CCO meeting. See agenda.
- I met with Adil, Martin, Jason W., Jefferson, and we called Pat Hipley to discuss the stel ballast plates at hinge K and their interference with the seismic boxes. Jason packaged up the info and sent it to them. We need their input to locate the boxes and alter the plates to accommodate them.
- I worked on diaries and emails.
- I met and discussed Valmont paint issues with Aaron in preparation to our conference call, then discussed the issue with them during the call. See notes.
- I attended the Valmont Conference call. See notes.

**Saturday and Sunday, July 14 & July 15, 2012**

- No MEP work planned.

  
William B. Shedd,  
SENIOR CONSTRUCTION ENGINEER

Monday 7-9-12

- Ken Brown - Warrantee - Elevator see 6/26/12 notes.
- Casey's All-Staff mtg -
  - Eye wash stations & personal eye wash bottles to be ordered.
- CCO 7251 sheet review w/ Martin
- CT/ABF Seminar Mtg -
  - October. Electricians & Inspectors to get cert walk training at/near the same time.
  - Cable socket paint & galv repair.
  - DIP paint in field - Waiting for submittal that will have to be approved prior to painting.
- Light Pole delivery truck trouble re-entering highway.
- Diaries
- Mtg w/ Sreed & Jordana & Clive
  - Reviewed questions from Jordana regarding the LED lights & poles.

Tuesday 7-10-12

- MEP Staff mtg
- No cat walk training for Sam Sarko
- Paper work for Sam Sarko - signatures sent to Meika
- Casey -
  - No D. Bahar OT or night work
  - AT&T/BBC to submit plans for SAS Approval
- Prep for mtg w/ AT&T/BBC mtg
- Stone's Utility coordination Mtg -
- Prep for, And attend the AT&T/BBC - Fiber & Inner duct mtg.
  - They need to revise submittal w/ actual locations ~~and~~ of access points and areas for their contractors & Bleyco to work.
  - Ability for off-hours / weekend work.
    - ① SAS - Contractor work
    - ② WZ to Hot - Bleyco
    - ③ Fiber - Skyway to WZ THEN WZ to Hot.
- March - Hing A complete - Pull inner duct around that time.
  - They will resubmit w/ more details

Wed 7-11-12

- Spoke to John Keener 858 467 4043. He will send a copy of the Coronado Br Srvc. Contract.
- Ken Brown & Bill Z. I left messages
- ~~Sent~~ Staff mtg - Medija issues - Steel - Management perspective - Overseas fabrication.  
CEO Oregon Ironworks - Amer. Assn. of Manufactures - Buy America law.  
75% steel is US steel (including Rebar)  
No capacity in US to fab the bridge. Needed to build facilities that required environmental clearances which take lots of time.
- The original (Single, US) bid was phony. No facility existed to do the job.
- Japanese Bridge (East Coast) will indicate the future of Buy America
- US fab shops didn't want to do a one-time job, which would have required creating fab large shops w/o the promise of future projects.
- Almost all steel bridges have been foreign fabrication.
- Marony - "When you order a Jaguar, it will not be made in America"  
- Unusual bridge types are not made here - simple.
- Elevator Meeting w/ Casey, Martin, Mazon, Yannis
  - When is a good time for pre-fab mtg w/ USA/Mid-America
  - Status of CCO 20352
  - Schedule
  - Service contract. Warranty, spare parts
- Elevator Mtg - Conference Call w/ USA & Rick.  
Payment schedule / Submittals required
  - CCO 85 50% complete
  - Big dispute regarding Submittal requirements
  - No weld details on Cab.

Wed Cont'd 7-11-12

- Saeed's mtg -
- \* - Do we want a cco-paid cable-mounted light sample for constructability / mountability demo?
  - See Agenda
- \* - Send Mike Stone's Updated Agenda to him.
- Mike Whiteside - 772 7619

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Thursday - 7-12-12

- Safety Mtg - Video - confined space -  
Roman gave presentation on cable installation  
and load transfer.
- Emailed / Researched elevator service  
contract. Need to set up mtg w/ Maintenance
- Discussed METS / Elevator issues resulting  
from yesterday's Mtg w/ Bill C & Mazan
- I returned to the jobsite at 8:30  
to observe the light pole mounted lights.  
We arranged to have Bleyco torn on about  
20 light poles w/ marker lights. Clive,  
and Bart were happy with the look. We  
observed from the Skyway and Treasure  
Island. We will set up a media  
event for a week or 2 from tomorrow  
either 7/20 or 7/27.

Friday 7-13-12

- Dropped off Jeep - Brakes again - Ped x-ing closed
- Prep'd for and attended the MEP CCO mtg 10:30 Tues
- \* Send invitation w/ CCO's ID'd for CCO 75, 79, 81, 205, 206, 234, 250
- Discussed the WDC w/ Casey. PB will get 4 offices after the PIO take over the office.
- Called Pat Hopley & met w/ Jason, Jefferson, Martin etc <sup>Adil</sup> to discuss RFI of Seismic sensor issue @ King & and the ballast plates. Jason to send photos of RFI to Pat. However I will to mount boxes w/B
- Valmont coord. call mtg -
  - 6 more through paint
  - 20 m x 4 ea to be shipped next week after approval early next week.
  - Rick Samson - will arrange to visit for the Media event 7/29 or 7/27
- \* Saeed - Answer outstanding questions regarding the belvederes
  - 16 extra 7 m. poles. They need base plate orientation.
- Thinner # 68 / heat cause paint to set up too soon. They want to use # 39 which allows for a slower set-up time. # 39 has a flow control agent which is volatile
- Tenomic rep assured that there should not be any problem to use the # 39.
- They will send data & assurance letter for the # 39 w/ into for flow control agent.