

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

**File 46**

**Date: 8/30/09 through 9/06/09**

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

**Gary Pursell / Rick Morrow**

Time Elapsed – 46%  
Completed – 46%  
Bid Amount: \$1,434M

Contract Approval Date: May 3, 2006  
First Working Date: May 18, 2006  
Est. Date of Completion – Spring 2013

**August ESTIMATE FIGURES:**

**Paid to contractor on Estimate 40:**

Percent Time elapsed: 45%

Days: 1191

Original Contract Days: 2,490

CCO days: 150

Percent Work Completed to date: 46%

Paid to contractor on Estimate: 40

Bid Items: \$10,718,638.40

CCO's: \$2,714,218.62

MOH: \$6,855,111.40

Permanent Deductions: -\$8,000 (Bid Item No. 66 - Out of CA Inspection)

Deduction: Release of \$1,500,000.00 (Bid Item 4, "Progress Schedule")

Net Payment: \$21,779,968.42

Total Amount paid to contractor to date:

Bid Items: \$420,848,885.65

CCO's: \$274,720,880.95

MOH: \$107,292,451.00

Total Amount: \$802,854,075.40

Deductions: Noncompliance for Progress Schedule (CPM)

This month: Release of \$1,500,000.00 (Bid Item 4, "Progress Schedule")

Original Contract Bid Amount: \$1,434,085,935.00

**STATUS OF WORK:**

**Office work**

- The Department continues reviewing shop drawings and fabrication procedures for Bridge Deck, T1 Tower, Cable System, MEP Penetrations and Contract Change Orders.
- Requests for Information (RFI): 2452 received – 2435 (99%) responded
- Working Drawing Submittals: 4639 received – 4509 (97%) responded

**Field/Marine work**

- Pier W2 – Continue removing formwork in void area of W2 Cap Beam. Continue installing cable tie down sheathing.
- Temporary Towers – Continue assembly of temporary trusses at Pier 7.
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**Steel Fabrication (ZPMC, Shanghai, China Facilities)**

- OBG – Fabrication continues on Lift 9 thru Lift 12 for plates and Lift 6 thru Lift 8 for segment assemblies. Continue punch list and corrections are addressed for Lifts 1 thru 4 in preparation for first shipment to Pier 7.

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- Tower – Continue work on Trial Assemblies for Lifts 1 and 2. Fabrication of Skin Plates and Diaphragms for Lift 4 continues. Shaft fabrication continues for Lift 3.
- MEP Penetrations continue to be installed on the OBG and Tower.
- Continue assembly of T1 Erection Tower Lift 3 thru 7.
- Assembling Cradles 7 thru Cradle 11.
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Steel Fabrication (Other Facilities)

- Continue cable band casting and machining (GOODWIN, England).
- Fabrication of wrapping wire is now completed (NIPPON, Japan).
- Continue fabrication of Parallel Wire Strand (SPCC, China).
- Saddle fabrication for Pier W2, E2 and Tower Saddle continues (JSW, Japan).
- Continue fabrication of Suspender socket and wire (WIRECO, USA).
- Continue E2 Shear Key and Bearing fabrication (HOCHANG, Korea).

## ASSISTANT RE'S DAILY REPORTS:

### **Monday, August 31, 2009**

- Mostly clear and warm.
- I met with those of my staff who will be working this weekend on the SS detour project. We discussed their tasks and their schedules.
- I reviewed Larry's Field Report and sent it out via email.

### **Tuesday, September 1, 2009**

- Mostly clear and warm.
- I prepped and chaired the owner / designer MEP meeting where we discussed the open submittals and RFI's.
- I attended the MEP Team Meeting with the Contractor. See agenda for notes. We also discussed the possibility of paying for the procurement of some of the electrical items. Some of the items need to be purchased early and we are open to reimbursing Anna for these purchases.
- I edited the CCO 45 letter with Gary.
- I spoke to Bill Z regarding the need for remote reading / control for the dehumidifier units.
- I cleaned up my desk and sorted stuff.
- I attended the China MEP call at 4:30.
- I spoke to Scott Kennedy at night regarding Martin's visit to china on the telephone when I got home in the evening.

### **Wednesday, September 2, 2009**

- Mostly clear and warm.
- I met with the schedulers to discuss the status of the review of the July Monthly update and the weekly schedule meeting, that I will not be attending due to a conflict. Shewett is finishing up the letter for the July update.
- I studied the contract regarding the dehumidifiers.
- I met with Gary P, Darryl, and ABF's Kick, Brandon, Choy, and Ted to discuss the possibility of paying MOH for some of the MEP items. We agreed that we would try to reimburse for some of the early purchased electrical items. Mechanical items were not agreed for reimbursement.

I called a meeting with Mike, Martin, Nick, and Julia (phone) to discuss the dehumidifier units. There needs to be agreement if we (CT maintenance) wants the units to relay operating information via PLC and SCADA to remote locations. Following the meeting I emails questions to Bill Z for Maintenance's decision on if: There is a need to access this information from a remote location

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There is a need to for remote control (turn on and off remotely) There is a need to monitor the relative humidity remotely. See my notes in my file and my email for more info. This is a big issue as it is involved with a CCO, RFI and Submittal.

**Thursday, September 03, 2009**

- Mostly clear and warm.
- I attended Gary's senior staff meeting. Notes and agenda in my file.
- I attended the Submittal 1239 meeting. Agenda and notes in my file.
- I read the letter 1112 from ABF and FWS regarding the requested lump sum of \$30K to paint the 19 flange ends of the white DIP pipe of CCO 45. I spoke to Bill O. and emailed him with my disappointment.
- I discussed the schedule letter for the July update with Hill.

**Friday, September 4, 2009**

- Mostly clear and mild.
- I chaired the MEP CCO meeting the notes are on the agenda.
- I picked up Eric Sugiyama from Bart and he visited with his acquaintances from the project and I took him for a tour of the skyway. We stayed away from the boats and the Island due to all of the traffic involved with the bridge closure and SS Detour Bridge roll-in and roll-out.
- I reviewed the RFI 1871 and spoke to Martin about it.
- I worked on diaries and other misc. stuff.
- I took my vehicle to SFOBB Maintenance for repair while I am off next week.
- I spoke to Ray about the tower head submittal 1239 and we verified the conduit runs for the dehumidifier unit.
- I went to the Mission Bay trailer to observe the roll-out of the SS Detour bridge segment.

**Saturday and Sunday, September 5 and 6, 2009**

- No MEP work planned.



William B. Shedd,  
SENIOR CONSTRUCTION ENGINEER