

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

File 46

Date: 11/29/09 through 12/05/09

SELF-ANCHORED SUSPENSION (04-0120F4)

Gary Pursell / Rick Morrow

Time Elapsed – 49%  
Completed – 48%  
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:**

Total of Estimate 42 to be paid in October 2009: \$14,409,588.13

This is the updated information for the SAS Project (work done up to November 20, 2009). Attached, you will also find the CTI Sheets and Estimate Project Total for Estimate 43.

Percent Time elapsed: 49%

Days: 1283  
Original Contract Days: 2,490  
CCO days: 150

Percent Work Completed to date: 48%

Paid to contractor on Estimate: 43

Bid Items: \$5,264,751.40  
CCO's: \$8,241,455.18  
MOH: \$4,616,359.00  
Permanent Deductions: \$0.00  
Deduction: \$0.00  
Net Payment: \$18,122,565.58

Total Amount paid to contractor to date:

Bid Items: \$441,483,827.85  
CCO's: \$285,130,700.90  
MOH: \$123,098,854.00  
Permanent Deductions: \$8,142.20  
Total Amount: \$849,705,240.55

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): received – 2573 (99%) responded
- Working Drawing Submittals: received – 4987 (99%) responded

Field/Marine work

- Pier W2 – Continue cable tie down stressing.\*
- Temporary Towers – Continue erecting temporary trusses on West Line between TT “H” and the Skyway.
- T1 Trestle – Continue framing the access trestle from YBI to T1.
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Steel Fabrication (ZPMC, Shanghai, China Facilities)

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- OBG – Fabrication continues on Lift 9 thru Lift 12 for plates and Lift 9 thru Lift 12 for segment assemblies. Continue punch list and corrections are addressed for Lifts 1 thru 4 in preparation for first shipment to Pier 7.
- Tower – Continue work on Trial Assemblies for Lifts 1 and 2. Shaft assembly Lift 4 including exterior ladders and rails continues.
- MEP Penetrations continue to be installed on the OBG and Tower.
- Continue assembly of T1 Erection Tower Lift 3 thru 7.
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**Steel Fabrication (Other Facilities)**

- Continue cable band casting and machining (GOODWIN, England).
- Continue fabrication of Parallel Wire Strand (SPCC, China). First shipment estimated time of arrival is ~~12/31/09~~ in early January 2010.
- Continue Hinge K - Fuses 2 through 8 (OIW, USA).
- Saddle fabrication for Pier W2, E2 and Tower Saddle continues (JSW, Japan).
- Rockers and Bearing Plate fabrication for E2 continue (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, November 30, 2009**

- Clear and mild.
- Worked on time sheets, emails and other misc stuff that piled up while I was off all last week.
- I reviewed the WSWD.
- I reviewed Larry's last Field report. Today was his last day. Sad to see him go. I have worked with him for a long time.

**Tuesday, December 1, 2009**

- Clear and mild.
- I reviewed another WSWD and gave it to Gary for signature.
- I chaired the MEP pre meeting and we reviewed open issued related to RFI's, CCO's and Submittals.
- I attended the MEP meeting with my staff and ABF, Bleyco and Spencer. See notes on the agenda in file.
- I attended a meeting regarding the light poles for the Skyway Bridge. This issue is directly related to the SAS because we need to have the light quality and light hardware to be consistent for the entire corridor. There is a sense of urgency due to the time it takes to get the poles manufactured. The type of light (LED or Metal Halide) will need to be chosen soon. LED technology may not be developed enough to consider for the poles, though it would be a good choice in my opinion.
- Scott K. called and postponed the China call till tomorrow due to their travel restrictions in the heavy fog.

**Wednesday, December 2, 2009**

- Clear and mild.
- I sent out Larry's field Report.
- I discussed CCO 42 with Jake and Don. There seems to be a change in direction for the next move on this CCO. We were trying to meet with Bleyco to hash out the number, but it seems that CCO 108 has been settled with cco 42 in it, so the number is set.

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- I met with Bill O and discussed CCO 42 and 108. I suggested that we don't want to take the effort to analyze the value of 42 as it has already been negotiated. I also discussed the LED lights. We called Anna and started to set up a time to meet.
- I met with Saeed and asked him to set up a meeting to discuss the lights. This will be tricky as we will need to consider their use for the SAS AND the entire corridor.
- I discussed cco 73 with Bill O and gave hi the history of the unsightly conduits on the Skyway.
- I chaired the Scheduling pre meeting.
- I attended the scheduling meeting with the Contractor. See notes on the agenda in my file.
- I attended the China Call meeting. See notes in my file on the agenda.

**Thursday, December 3, 2009**

- Mostly clear and cool.
- I attended the Safety meeting and viewed Phillip's PowerPoint on "Preventing Backing Accidents"
- I attended Gary's Senior Staff meeting. We discussed open issues on the agenda. See agenda in my notes. We also discussed the unconventional cco 108 at length.
- I worked on CCO 131 with Scott and discussed it with Gary.

**Friday, December 04, 2009**

- Mostly clear and cool.
- I attended the CCO MEP meeting. See agenda. I reviewed paperwork for Alex's retirement with him.
- I reviewed CCO 131 MOH for MEP. I emailed it to Bill O.
- I discussed the use of powder actuated (Hilti) stud attachments to the steel structure with Woods. The issue has been discussed in China and approved by TYL for review (not use).
- I reviewed CCO 08 and discussed it with George and I signed it.

**Saturday and Sunday, December 5 & 6, 2009**

- No MEP work planned.

  
William B. Shedd,  
SENIOR CONSTRUCTION ENGINEER