

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

**File 46**

**Date: 6/05/11 through 6/11/11**

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

**Peter Siegenthaler / Rick Morrow**

Time Elapsed – 61%

Contract Approval Date: May 3, 2006

Completed – 81%

First Working Date: May 18, 2006

Bid Amount: \$1,434M

Forecast Date for Seismic Safety Opening: August, 2013

**CURRENT ESTIMATE FIGURES:**

This is the updated information for the SAS Project (work done up to May 20, 2011).

Attached, you will also find the Estimate Project Total for Estimate 62.

Percent Time elapsed: 61%

Days: 1,829

Original Contract Days: 2,490

CCO days: 531

Percent Work Completed to date: 81%

Paid to contractor this Estimate:

Bid Items: \$6,089,741.30

CCO's: \$1,643,285.22

MOH: \$5,532,672.00

Permanent Deductions: 0.00

Deduction: \$0.00

Net Payment: \$13,265,698.52

Total Amount paid to contractor to date:

Bid Items: \$990,581,776.04

CCO's: \$480,168,842.01

MOH: \$23,651,539.00

Total Deductions: \$3,072,406.20

Other Deductions: \$25,000.00

Total Amount: \$1,491,329,750.85

**STATUS OF WORK:**

Office Work

- The Department continues to review shop drawings and fabrication procedures for Bridge Deck, T1 Tower, Cable System, MEP OBG Penetrations, and Contract Change Orders.
- Requests for Information (RFI): 3208 received – 3191 (99.5%) Responded
- Working Drawing Submittals: 8310 received – 8286 (99.7%) Responded

OBG Field Work

- Final splice welding from OBG Lifts L10W through L11W is ongoing.
- Final splice welding from OBG Lifts L10E through L11E is ongoing.
- Lifts 1 through 6 WB outboard barrier installation is ongoing.
- Traveler rail installation for CB 3 through 10 is ongoing.
- Initial bolting of CB-6 to the OBG is ongoing.
- Installation of Wind Vortex Generator support angles is ongoing.
- Inboard mechanical pipe installation is ongoing.
- Lifts 1 through 6 bike path deck panels installation is ongoing.
- Installation of Service Platforms is ongoing.

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2  
STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
ASSISTANT RESIDENT ENGINEER'S  
DAILY REPORT BY W. SHEDD  
Week Ending 06-11-11

Tower Field Work

- Final field splice bolting of Tower Lift 2 to Lift 3 is complete.
- Final field splice bolting of Tower Lift 3 to Lift 4 is ongoing.
- Final field splice bolting of Tower Lift 4 to Lift 5 is ongoing.
- Tower saddle erection was completed on 5/20/2011. Initial bolting is ongoing.
- Field splice welding of Tower Lift 1 to Lift 2 is complete.
- Field splice welding of Tower Lift 3 to Lift 4 is ongoing.
- Tower struts and facades bolting continues at various elevations
- Tower shear plate welding is ongoing.
- Installation of upper tie-back bracket is ongoing.
- Tower head trial fitup is scheduled to begin June 20.

Cable Field Work

- Tower pull-back foundation work is ongoing at YBI.
- Catwalk assembly is ongoing.
- Catwalk backspan platform erection 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.

E-2 Field Work

- Erection of work platform on E2 CB for shear key and bearing installation is ongoing

Steel Fabrication (ZPMC, Shanghai, China Facilities)

- OBG Lift 12 and Tower heads arrived on June 3.
- Fit-up and assembly continues for OBG Lifts 13 and 14 in the trial assembly area.

Steel Fabrication (Other Facilities)

- Continue cable band painting, machining and delivery (GOODWIN, England).
- Continue fabrication and delivery of Suspender assemblies (WIRECO, USA).
- The SAS EB and E2/E3 EB Traveler frames are mostly complete. Work continues on the steel frames SAS WB, E2/E3 WB, and the E2/E3 Bikepath Travelers, and on the testing track (Westmont, Orange County CA, USA)

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

### **Monday, June 06, 2011**

- Mostly clear.
- Attended the Champions meeting.
- I had safety related discussions with Pete regarding Safety Staff meeting on Friday.

### **Tuesday, June 07, 2011**

- Mostly clear.
- I worked on emails.
- I chaired the MEP meeting. We discussed all open issues and established action items and deadlines. See agenda
- I attended the Contractor's MEP meeting. See agenda.
- See attached notes.
- I attended the Utility Coordination meeting.
- I spoke to Dan Barker at Dosh. See questions for research.

### **Wednesday, June 08, 2011**

- Clear.
- I attended the Island Coordination meeting.
- I directed PB to reinforce the entire duct bank including the area under W2..

3  
STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
ASSISTANT RESIDENT ENGINEER'S  
DAILY REPORT BY W. SHEDD  
Week Ending 06-11-11

**Thursday, June 09, 2011**

- Clear Mild.
- I use a sick day and took my mom to the doctor.

**Friday, June 10, 2011**

- Clear.
- I chaired the MEP CCO meeting. See notes in my file.
- I reviewed the revised elevator extension sheets submitted by Duxbury.

**Saturday and Sunday, June 11 & 12, 2011**

- No MEP work planned.



William B. Shedd,  
SENIOR CONSTRUCTION ENGINEER

Monday 6-6-11

- Car log, Time sheet Approval, emails
- DO. - Safety glasses - Go back tomorrow  
on P/U frames for afternoon apmt. w/ Wadding
- Safety Discussions w/ Pete see Friday's Agenda/Notes.
  
- Champions Mtg -
  - Elevator to the top.
  - Hing K to MCM
  - MEP impacts to elevator increased range under review.

Tuesday - 6-7-11

- Owner MEP mtg / Ben Edalati
- Call Ricardo Giradello - BASE or John Corman for Blyco Security Clearance - Recommended by Deanna

- Went through locks & keys w/ Brighano and got duplicate lock & 2 keys for I discussed w/ Deanna, Home, Jeannie and gave them 2 keys & lock. Sent email.

- Contractor / Electrical MEP Mtg w/ Bill O & Anna. See Agenda

- Utility Coordination mtg

- Spoke w/ Dan Barker (Dosh)

40 doors

\* How often / when do doors have to be opened w/in shaft

② Whole body entry, or just look in

③ How to access doors? Baitswain's

Elevator top? Roseman's chair, temp platform? ...

Rapel or Elevator Top

Link beams, struts

Wed 6-8-11

✓ \* - PB Needs to attend the pier 7 coordination mtg @ 11:00 ~~at~~ ABF main conf. room on Tuesday.

- Discussions <sup>(several)</sup> w/ Martin, Mike, & Woods regarding the elevator extension to tower top. We pulled & examined plans & shop drawings. Checked dimensions

- Discussion & research into cco 114 regarding the change of wire rail @ edge of deck. Back in 2009 an RFI identified that the rails were too short. We changed them to be 45" above the deck, despite Gary L. Woods & I recommending 45" above the adjacent pipe. Now, safety wants to ~~show~~ <sup>follow</sup> our recommendation that was over-ruled by Purcell in 2009.

Friday

Service  
Platform  
Mods.

- MEP CCO Mtg -

- \* Call Bill O. Elev 53, ~~cc~~ Pipe support / platform support conflict
- \* Email CCO group w/ confirmation of CCO 206 Scope. Add 2148 (stairs)
- \* After Hulsebus Memo, direct TYL to Raise the wire hand rail in CCO 114 S1, cc James, Ade, Marwan, Pete + CCO group.  
Raise it 45" above highest pipe

- Bsta Mtg @ MTC mtg in Downtown Oakland 10:00  
→ June 15, Wed 10:00 next mtg → Friday 17th @ 10:00 - Office Mtg @ 10:00.  
→ Field walk-through

- Safety Staff Mtg -