

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

**File 46**

**Date: 4/17/11 through 4/23/11**

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

**Peter Siegenthaler / Rick Morrow**

Time Elapsed – 60%

Contract Approval Date: May 3, 2006

Completed – 79%

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 April 20, 2011).  
Attached, you will also find the Estimate Project Total for Estimate 61.

Percent Time elapsed: 60%

Days: 1,799

Original Contract Days: 2,490

CCO days: 531

Percent Work Completed to date: 80%

Paid to contractor this Estimate:

Bid Items: \$7,014,058.42

CCO's: \$3,665,816.3

MOH: 3,443,311.00

Permanent Deductions: 0.00

Deduction: \$0.00

Net Payment: \$14,123,185.72

Total Amount paid to contractor to date:

Bid Items: \$984,492,034.74

CCO's: \$478,525,556.79

MOH: \$18,118,867.00

Total Deductions: \$3,072,406.20

Other Deductions: \$25,000.00

Total Amount: \$1,478,064,052.33

**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): 3154 received – 3139 (99.5%) Responded
- Working Drawing Submittals: 8145 received – 8122 (99.7%) Responded
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OBG Field Work

- Final splice welding between OBG Lifts L8W through L11W is ongoing.
- Final splice welding between OBG Lifts L10E through L11E is ongoing.
- Bolting of Crossbeams CB-15 and CB-16 to OBG Lifts L11E and L11W is complete.
- Barrier rail bolting on the inboard side of OBG Lifts L1E through L6E is ongoing.
- Barrier rail installation on the inboard side of OBG Lifts L1W through L6W is ongoing.
- Lifting cradles for OBG Lifts L1E and L1W are being adjusted to accommodate utility installation.
- Catwalk backspan deck anchorage installation is ongoing.
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Tower Field Work

- Strut bolting is continuing for Tower Lifts 1, 2, 3 and 4 at various elevations.

REC'D '11 04-27 #516012

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- Final field splice bolting of Tower Lift 1 to Lift 2 is ongoing.
- Final field splice bolting of Tower Lift 2 to Lift 3 is ongoing.
- Final field splice bolting of Tower Lift 3 to Lift 4 is ongoing.
- Tower Lift 5 (Tower Grillage) has been erected. Field splice of Tower Lift 4 to Tower Lift 5 drilling is ongoing.
- Field splice welding of Tower Lift 3 to Lift 4 is ongoing.
- Field splice welding of Tower Lift 2 to Lift 3 is scheduled to start April 22.
- Anchors for the temporary tower tie-backs are in complete. The still need to be tested.

W-2 Field Work

- Mechanical pipe installation at the W-2 Cap Beam is ongoing.
- Alignment of the jacking saddle and the deviation saddle is ongoing. Formwork for the deviation saddle grouting is in place and being tested.
- Hinge K grouting is complete. Hinge K rod stressing is scheduled to begin May 3.

Steel Fabrication (ZPMC, Shanghai, China Facilities)

- Repairs on OBG Lift 12 are ongoing. Fit-up of the Lift 12 to Lift 13 is continuing.
- Fabrication continues for OBG Lifts 13 and 14.
- Fabrication continues for the tower heads.

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 Traveler frame is mostly complete. Work continues on the steel frames SAS WB, E2/E3, and the E2/E3 Bikepath Travelers, and the testing track (Westmont, Orange County CA, USA)

**ASSISTANT RE'S DAILY REPORTS:**

**Monday, April 18, 2011**

- Showers.
- Attended the Champions meeting.
- See attached notes.

**Tuesday, April 19, 2011**

- Partly cloudy
- I worked on emails.
- I attended the Light Fixture – Pole conference call meeting. See notes.
- I chaired the MEP meeting. We discussed all open issues and established action items and deadlines.
- See attached notes.
- Long day. (+1.5 hrs)

**Wednesday, April 20, 2011**

- Overcast with showers in the AM.
- See attached notes.
- Long day. (+2 hrs)

**Thursday, April 21, 2011**

- Partly cloudy.
- I MC'd the Safety Awareness Meeting for all staff and presented an Electrical Safety presentation

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- I left early to meet my siblings in Davis to move my mother to a new assisted living apartment.

**Friday, April 22, 2011**

- Partly cloudy.
- I used a furlough day to remain in Davis to relocate my mom.

**Saturday and Sunday, April 23 & 24, 2011**

- No MEP work planned.



William B. Shedd,  
SENIOR CONSTRUCTION ENGINEER

Monday 4-18-11

- CCO 4351 Discussions w/ Balan, Angella, and Jake. Eliminate the changes to the specials. I emailed this confirmation/direction to Andrew.
- Emails, ~~car~~ car log, timesheets.
- Champions Mtg.
  - \* Diana - Email Bleyco Personnel Info for BASE work.
  - TMD-Tuned Mass Damper.

- Edited & Sent Martin's Photo Report

- Discussed CCO 4351 w/ James D., Andrew, Balan. They will produce the CCO w/ spec & detail changes and w/ out.

See previous day.  
Notes written there  
by mistake

154

Tuesday 4-19-11

- Daragush, Pete - Field tour w/ Rick Land

- Lights / Poles - conference call

- Lifting sling - scuff paint, try on mock-up
- Vib Inhib Plate - doesn't fit into the small pole(s)
- Shaker box @ pole top proposed to increase in length by 6". Jim to send a drawing.
- Need to get the poles down that have been placed on the Skyway. Down by July/Aug.
- Valmont - x3317 1800 825 6668

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- Valmont conf. call to discuss costs & changes.

- ① Fab, constructability, detailing, increase starter wall & ~~base plate~~. They will write a letter
- ② Escalation

\* PB Needs 5 slots for confined space training

\* Send Nick an email for disconnect for ground wire of 24V @ power supply <sup>7255</sup> ~~7255~~ NO BASE

\* Call James Dux. - confined space training, plot Δ

- Karen's Coordination Mtg - see Agenda

- Mtg w/ Woods, Clive, Pete - Hand rails, High Voltage, No Trespass Signs

1 +

+ 1 @ Home Safety mts Prep

Wed - 4-20-11

- Safety Stand Down prep
- Safety Hand Rail discussions w/ Woods  
Rail required @ elevator stops on the tower
- Railing/Sign mty w/ Kobal, Clive, etc  
to discuss the Memo

Elevator to Top of Tower Mty

- Study impacts for "V"

\* Get USA on Board. Per extension to  
the top. Conceptual only, Impacts, E

✓ \* Next Mty - 4-27-11 (Wed) 09:00

- Clive to get simulation

- Stand Down presentation Edits &  
load to CapRun computer

Thurs 4-21-11  
Safety Stand-down. Mtg 8:00-10:30, I MC'd

See Agenda.

Bart Ney - [Keybridgeinfo.org](http://Keybridgeinfo.org).

Pete - Add EOG to phone card

- "Make a note" - Automated warning?