

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

File 46

Date: 5/15/11 through 5/21/11

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

Peter Siegenthaler / Rick Morrow

Time Elapsed – 61%

Contract Approval Date: May 3, 2006

Completed – 80%

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): 3178 received – 3166 (99.6%) Responded
- Working Drawing Submittals: 8255 received – 8225 (99.6%) Responded

OBG Field Work

- Final splice welding between OBG Lifts L9W through L11W is ongoing.
- Final splice welding between OBG Lifts L10E through L11E is ongoing.
- Barrier rail installation on the inboard side of OBG Lifts L7E through L11E is ongoing.
- Barrier rail installation on the outboard side of OBG Lifts L1W through L6W is ongoing.
- Traveler rail installation for CB 3-10 is ongoing.
- Installation of Wind Vortex Generator support angles is ongoing.

Tower Field Work

- Strut bolting is continuing for Tower Lifts 2 and 3 at various elevations.
- Final field splice bolting of Tower Lift 2 to Lift 3 is ongoing.

REC'D '11 05-26 #516359

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- Final field splice bolting of Tower Lift 3 to Lift 4 is ongoing.
- Field splice welding of Tower Lift 2 to Lift 3 is complete.
- Field splice welding of Tower Lift 1 to Lift 2 is ongoing.
- Field splice drilling for Tower Lift 4 to Lift 5 is complete. Splice plate erection is ongoing.
- Tower shear plate welding is scheduled to start May 18.

Cable Field Work

- Tie-back foundation work is ongoing at YBI.
- Catwalk assembly is scheduled to begin May 25.

W-2 Field Work

- Deviation saddle anchor rods stressing is complete.
- Grouting of jacking saddle and jacking frame is ongoing.
- Hinge K Macalloy rod stressing is ongoing.
- Installation of cable trays for the transition of electrical from the OBG to the W-2 column is ongoing.

Steel Fabrication (ZPMC, Shanghai, China Facilities)

- OBG Lift 12 and Tower heads left ZPMC on May 15.
- 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 the testing track (Westmont, Orange County CA, USA)

**ASSISTANT RE'S DAILY REPORTS:**

**Monday, May 16, 2011**

- Showers.
- Saeed and I led a tour of the SAS deck and W2 with the Valmont VP and 2 others.
- See attached notes.
- Long day (+1.0 hr)

**Tuesday, May 17, 2011**

- Showers.
- I worked on emails.
- I chaired the MEP meeting. We discussed all open issues and established action items and deadlines.
- I attended the Contractors MEP meeting where we met with Jeremy of FWS to discuss all open mechanical issues. See agenda.
- I chaired a meeting to review Andrew's 3-D drawings to solve the traveler – platform interference.
- See attached notes.
- Long day (+1.0 hr)

**Wednesday, May 18, 2011**

- Clear and mild.
- Francis O'Malley spoke to me regarding complaints from the security guard who monitors vehicle entrants into the pier 7. I left a message for James Sims, and discussed it with Dianna and Jeannie.
- See attached notes

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**Thursday, May 19, 2011**

- Clear Mild.
- I attended the Safety Meeting. Grady gave a presentation on OSHA and its 40 year anniversary. See notes.
- I spoke to the security guard James Sims and followed with more discussion with Dianna.
- I went to the field with Woods. Observed the tower saddle lift.
- See attached notes.

**Friday, May 20, 2011**

- Clear.
- I chaired the MEP CCO meeting. See notes in my file.
- I met with James, Andrew, and Martin to discuss the CCO sheets for CCO's 85 and 174 regarding the elevator changes. We agreed on the changes and they will revise a cco package for cco 174, and then do the set for cco 85.

**Saturday and Sunday, May 21 & 22, 2011**

- No MEP work planned.



William B. Shedd,  
SENIOR CONSTRUCTION ENGINEER

showers

+1.0

Monday - 5-16-11

- Met w/ Rob to review his pay spreadsheet input & computation method. AIF (kick) still not happy w/ our methods.

✓ - Premier - Saddle still May 19th?  
Yes, I emailed a response to him

- Bridge tour w/ Valmont VP. Gary & his 2 sons.

- No Lunch Break

- Met w/ Scheduler to edit the Schedule update response letter.

- Reviewed Valmont / Jal Redlines for shop drawing meeting tomorrow

- Rescheduled tomorrow's mtg.

# SAN FRANCISCO OAKLAND BAY BRIDGE PROJECT

showers

+ 1.0

Tuesday 5-17-11

- Bill O. CCO 55 - They want bolted connections instead of the welded specified in the CCO. He will send RFI and if acceptable the CCO price will be adjusted.
- MEP Owner Mtg - Went over all open RFI's & Submittals in preparation for this afternoon's mtg w/ ABA & FWS.

- Valmont Shop Drawing Review mtg w/ Matt, Adam, METS, Turner, Saeed, Hassan

- ~~Valmont~~ will mock-up 10 m & 20 m pole
- Paint Lab results due early July. Jason to get status
- Submittal will first be reviewed by Musco then submitted to us for Jal & PB review
- Mock-up production could start Mid/Late August
- Construction to travel to see post galv 20 m and pre & post of 10 m in Sept. Nebraska
- In October visit Musco to see painted pole w/ fixtures. October in Oskaloosa
- Final escalation numbers to be submitted in a letter in June/July.

2:00

3:00

MEP Mtg w/ FWS. - See Notes on Agenda Platform / Traveler Interference Mtg -

Bill Z, Mike Willi, & A painter to be consulted for 2 options  
Steven Ray

W  
F  
R  
I  
D  
A  
Y

Wed 5-18-11

- Spoke to Francis O'Malley regarding vehicles @ Guard Shack. James Sims (510) 750-5738. Vehicles not stopping. Need to get the word to Managers. I left him a message.
  - ① Close Gate between vehicles, ② Don't waive w/out ID inspection.
- Met w/ Safety staff. We will meet bi-weekly to discuss safety concerns
- Discussed cable installation w/ Boal & Woods
- Discussions w/ Daryoush and later w/ Keith O regarding Damon's comments made last Friday to Daryoush, who was concerned for the safety of Keith.
- Coordinated Traveler / Platform interference w/ CT maintenance, Constr., TYL & PB.

750 5738

Thursday 5-19-11

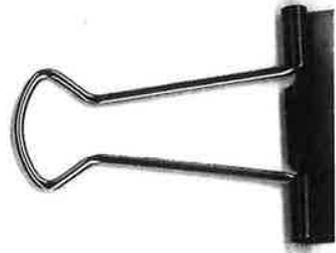
- Safety Mtg - Grady OSHA

- James

- Keys for building - Investigate Alarm?
- Phone list for guard shack
- Their Dispatcher calls shack for alarm (whose Alarms)
- No CT cell phone
- Dispatcher & Direct cel # of security.
- Req'd Info: State Business, ID Badge, CDL, Print Name
- Stopped in but not out.
- Good CDL on sign-in?
- Contact list w/ # for Guard Shack, CHP.

- Field trip to observe tower saddle lift  
w/ Woods

Friday 5-20-11



- MEP CCO Mtg. See notes on Agenda
- Met w/ James, Andrew, & Martin to discuss the CCO sheets for CCO's 85 & 174. We will try to eliminate sheets that are in both CCO's and develop ATP packages for both CCO's ASAP. CCO 174 should go first
- Grady - Amal & Sammi - Woods group safety mtg presenters 7/14
- Discussion w/ Woods - His staff needs to do safety mtg's. Grady assigned dates 7/28 - last done in 08