

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

File 46

Date: 09/26/10 through 10/02/10

SELF-ANCHORED SUSPENSION (04-0120F4)

Gary Pursell / Rick Morrow

Time Elapsed – 59%
Completed – 64%
Bid Amount: \$1,434M

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

CURRENT ESTIMATE FIGURES:

This is the updated information for the SAS Project (work done up to September 20, 2010).

SAS Estimate Team is processing Estimate 53. The preliminary numbers are:

Percent Time elapsed: 58%

Days: 1587
Original Contract Days: 2,490
CCO days: 227

Percent Work Completed to date: 69%

Paid to contractor this Estimate:

Bid Items: \$8,523,768.34
CCO's: \$2,573,746.21
MOH: 2,940,806.00
Permanent Deductions: -\$3,550.00
Deduction: \$0.00
Net Payment: \$14,034,770.55

Total Amount paid to contractor to date:

Bid Items: \$771,798,069.94
CCO's: \$345,330,944.29
MOH: \$68,021,595.00
Total Deductions: \$1,841,036.44
Other Deductions: \$25,000.00

Total Amount: \$1,183,309,572.79 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): 2939 received – 2931 (99.7%) responded
- Working Drawing Submittals: 7168 received – 7150 (99.7%) responded

OBG Field Work

- Final splice welding between OBG Lifts 5E and 6E, and 2W and 3W is complete.
- Final splice welding between OBG Lifts 3W and 4W, 4W and 5W, and 5W and 6W is ongoing.
- Initial splice welding between OBG Lifts 6E and 7E is complete.
- Lift 7E jacking adjustment and the sliding of OBG Segment 8E is complete.
- Initial splice welding between OBG Lifts 7E and 8E is ongoing.
- OBG Lift 7W is in position and the initial splice welding between OBG Lifts 6W and 7W is complete
- Field painting is ongoing.

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Week Ending 10-02-10

Tower Field Work

- Tower base grouting is complete.
- Initial pre-tensioning of anchor bolts is complete.
- Field splice 1 platform erection is complete. Splice plate installation is ongoing.
- Installation of Favco tower at 103m is ongoing. T1 erection tower installation will follow.

W-2 Field Work

- The Pier W-2 vault covers casting and installation is complete.
- The block-outs for the longitudinal tendon are complete.
- Erection of W-line Hinge K pipe beam is ongoing.
- Erection of the W-line West Deviation Saddle is ongoing.

Steel Fabrication (ZPMC, Shanghai, China Facilities)

- Shipment for OBG Lifts 9E and 9W, and Tower Lift 2 left ZPMC on Sept. 18th.
- Lift assembly continues for OBG Lift 10. Segment assembly continues for OBG Lifts 11 and 12.
- Parts fabrication continues for OBG Lift 13 and 14.
- Vertical assembly of Tower Lift 4 on Tower Lift 3 is ongoing.
- Tower Lift 5 shaft assembly continues.
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Steel Fabrication (Other Facilities)

- Continue cable band painting, machining and delivery (GOODWIN, England).
- HPB 1-4 delivered. Spare fuses to be machined (OIW, USA).
- Continue fabrication and delivery of Suspender assemblies (WIRECO, USA).

ASSISTANT RE'S DAILY REPORTS:

Monday, September 27, 2010

- Clear and hot.
- I reviewed the WSWD.
- I discussed with Pete some of the current issues that I am working on and updated him on the events that occurred while he was in China last week.
- I attended Saeed's LED meeting. Dates set. Rough draft by Oct 15 from Gonzalo. Musco and Behzad to review. Final draft by Dec 1. CCO to the Contractor by Jan 1.
- I attended the Champion's meeting. See notes
- I worked on diaries and filed some of the old ones.
- I met with Rick, Daryoush, and Woods to discuss the confined space protocol. There was a lot of confusion during the last safety meeting that needs to be cleared up. See my notes in my file for more.
- I discussed cco 43 and the LED marker lights that are on the poles. As of now they are not included in the CCO and they are to be part of the item. There may be a problem with the design, as the ones on the demo poles on the Skyway have a thermal problem and they heat up and shut off, and cycle on and off.
- I discussed Materials with Barb.

Tuesday, September 28, 2010

- Clear and hot.
- I prepped for the MEP meetings to follow. I went through emails etc.
- I chaired the Owner MEP meeting and discussed all of the open RFI's, Submittals, and CCO's.
- I met with Feather and reviewed the history of the cco 165 bike path delineation.

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- I took daughter Maddy to the dentist for tooth extraction. I worked on the coast guard letter draft from Rob, while in the waiting room. I also reviewed the cco 165 history.
- I returned to work and worked on emails and edited the Coast Guard letter with Rob. I also went over my notes from the April 21 meeting with the USCG.

Wednesday, September 29, 2010

- Clear and hot.
- I met with Sam to discuss Skyway cleanup. See notes in my file.
- I chaired the Elevator conference call meeting with Larry Sharf, Tom Ho, Martin, and Jim Meyer. We discussed and resolved the following:
 1. Tripping Hazard & Elevator Safety Door:

The floor access openings and bolts pose a tripping hazard at the entrance of elevator stops 2, 4, 5, and 6. Additionally, together with the sloping of the floor, they obstruct the swing opening of the elevator safety door.

DJV (Tom Ho) proposed the permanent grating platform that can be removed to allow people to access the openings. This will solve the issues of tripping hazard and the swing opening of the door. In the case where the grating is removed and the access cover is open, elevator stops No. 2, 4, and 5 should be locked. All in favor to this proposed solution.
 2. The Sloping of Elevator Cab Floor:

The tower shafts tapered up with a 2% slope up to Elevation 89m. Therefore, the floor of Elevator Cab will have about 2% slope from the door to the front of the cab. Above elevation 89m, the Elevator Cab floor will be level.

ACTION: Jim Meyer will inquire regarding the acceptability of the 2% sloping cab floor from the Division. Jim will update via email within a week or request another phone conference call if necessary.
 3. Tower Platform Openings:

The elevator cab will run along the West and North shafts of the Tower. Currently, there are handrails between these two shafts for Fall Protection where there are no elevator stop. A question is raised whether a solid enclosure is required. DJV indicated that a solid enclosure of 8 feet tall is required.

Laminated glass enclosure should be acceptable.
 4. Moving Forward:

Once we have the shop drawings approved, DJV (Jim Meyer) will send it to the Division for review and comments.
- I chaired the Confined Space meeting with Woods, Brignano, Kobal, Pete, Rick, Ambule Daryoush, and Grady. We discussed protocols for entering the OBG, Tower, and Skyway. See notes. Action items were that the various groups in charge of each of the areas would refine a protocol and we would meet again next week to discuss these actions.
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Thursday, September 30, 2010

- Clear and warm.
- I attended Pete's senior staff meeting. See agenda and notes.
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- I met with Don to help develop the SSO schedule.
- I met with Barm to review an email response to Bill O regarding a materials issue.
- I attended Forner's MEP corridor meeting. See agenda.

Friday, October 1, 2010

- Clear after AM overcast.
- I worked on misc. emails.

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- I chaired the MEP CCO meeting. We reviewed all of the open CCO's and assigned action items. Pete attended the meeting and we answered his questions and concerns.
- I met with Bill O and Martin, Feather, and Tom Ho to discuss the elevator submittal. We discussed possible solutions for the elevator door. We reviewed all of the red lines and the language in the letter from 10:00 to 12:30. See notes.
- I met with Barb and Keith and went over the 3101 for the water pipe. We went through this stuff for more than an hour. Keith and I emailed Bill O.

Saturday and Sunday, October 2 and 3, 2010

- No MEP work planned.



William B. Shedd,
SENIOR CONSTRUCTION ENGINEER