

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

**File 46**

**Date: 9/07/08 through 9/13/08**

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

**Gary Pursell / Rick Morrow**

Time Elapsed – 34%  
Completed – 32%  
Bid Amount: \$1,434M

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

Days up to August 20, 2008: 826  
Original Contract Days: 2,490  
CCO days up to August 20, 2008: 30  
Total Amount paid to contractor (up to August 20, 2008):  
Bid Items: \$233,008,822.45  
CCO's: \$14,331,120.43  
MOH: \$47,342,211.08  
Total Mobilization: \$215,000,000.00 (paid under CCO 20)

**STATUS OF WORK:**

Office work

- The Department continues reviewing shop drawings and fabrication procedures for Bridge Deck, T1 Tower, Temporary Tower "A" to "D", W2 Cap Beam, E2 Crossbeam, Cable System, MEP Penetrations and Contract Change Orders.
- Application for Dredging and Disposal permit submitted by the Contractor and is currently under review by various agencies.
- Requests for Information (RFI): 1937 received - 1922 (99%) responded.
- Working Drawing Submittals: 2209 received - 2139 (97%) responded.

Field/Marine work

- Pier W2 – Continue installation of rebar and embeds for the next concrete pour; Install vertical post tension bars near Hinge "K" north and south sides.
- Pier E2 – Continue installation of cross beam forms and rebar.
- Temp Towers – Continue assembly and installation of temporary trusses for TT "A" and TT "B". Continue foundation work for TT "C". Continue grouting between piles and pile sleeves on TT "D". Continue installation of fender panels around TT "D" driving frames on north side.

Steel Fabrication (ZPMC Facilities)

- OBG – Fabrication continues on Lift 1 thru Lift 8 for plates and segment assemblies.
- Tower – Fabrication for Lift 1 and Lift 2 diaphragm and skin plates continues.
- Shearleg Boom Crane – Fabrication is ongoing. Parts assembly and installation continues on the Barge.

Steel Fabrication (Other Facilities)

- E2 pre-stressing steel system fabrication continues.
- Saddle fabrication for Pier W2 and Tower Saddle continues.
- Fabrication of Temporary Towers and truss members continues.

**ASSISTANT RE'S DAILY REPORTS:**

**Monday, September 8, 2008**

- Mostly clear cool.
- I reviewed the WSWD and sent it to Gary for signature.
- I edited the letter requesting documentation for the DB5 crane repair. Gary wants more info and confirmation on the actual code that governs this repair procedure and requirement.

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- I discussed the TYL additional sheets for the cco 44 with Mike T, Bob B, and Scott F. The keeper at the inside of the pedestal that holds the light pole nut is concerning. It prevents double nutting and replacement of the nut if it gets damaged.
- I discussed the requirement for the chamfering requirements for access openings.

**Tuesday, September 9, 2008**

- Mostly clear and cool.
- I edited Alex's safety diary and asked Alex to review the specs and codes regarding the DB5 crane repair.
- I reviewed RFI's and prepared for the RFI meetings.
- I chaired the owner / designer MEP meeting to review and status all of the open issues. Notes are in my file.
- My staff took me to lunch for my birthday.
- I attended the field trip to examine the bike path light feed mock-ups. It was frustrating because the agreements from the last meeting were revised follows:

The JV will provide revised details to SAS and OTD that show the light feed 1/2 inch threaded opening on the a flat exterior side of the railing post, level with the light fixture, similar to the Skyway handrail. The mesh detail will require modification to direct welding of the frame corners, and welding the vertical and horizontal flat bar ends to the frame. These are the most time-sensitive items, as direction will have to be given to the Contractors for the changes to allow fabrication ASAP. **This is on hold, though the JV already provided the revised sheet as promised. The mesh detail is unchanged but the 1/2-inch threaded opening location is being reconsidered. Rene will penetrate the post and tap the 1/2-inch penetration closer to the bottom of the post on a different face and do another mock-up.**

The SAS and OTD will proceed with fabrication of the bikepath railing panels as soon as the JV provides the revised drawings. **On hold till we see Rene's mock-up next Tuesday.**

A field trip is scheduled for tomorrow, 9-4-08 at 1:30 to critique the modified flex conduit mock-up, and to ponder a rigid alternative using some of Clive's hardware. Hopefully Rene will be able to attend and he can bring materials too. **Done today.**

Rene will build a rigid conduit mock-up within a couple of weeks. **Done. Rene will do another mock-up to be reviewed next Tuesday.**

Upon review of the rigid and flex conduit mock-ups, we will arrive at a consensus for a preferred alternative. Consideration will be made for the various contracts, deck types and conditions, regarding consistency through the corridor. Though this is not schedule critical, we need to resolve this so that we can move on to other pressing matters. **Still working toward a consensus.**

The details will be modified with the preferred alternative and CCO's will be written for the OTD and SAS contracts. Retrofitting the Skyway will probably be a SAS CCO. **Hopefully after next week.**

- I wrote and sent the email with the minutes from the field meeting.

**Wednesday, September 10, 2008**

- Clear and cool.
- I prepared for and presented a PowerPoint to the PB designers and took them on a field trip on the crew boat and then drove them to the Skyway for a tour of the interior. This effort took most of the day.
- I attended the China call meeting. See notes. Following the meeting, Scott called me and we spoke for another half-hour or so. No penetrations are being done in the OBG and there seems to be some frustration with China communication.

**Thursday, September 11, 2008**

- Clear and cool.
- I attended Gary's staff meeting. Notes are in my file.
- I prepared for the Elevator meeting and attended it. Notes are in my file.
- I had numerous discussions and wrote an email regarding double nutting the light pole bolts.

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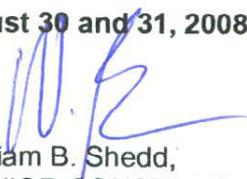
- I worked on the Elevator meeting minutes with Martin.

**Friday, September 5, 2008**

- Clear and hot.
- I attended the MEP CCO meeting. Notes are on the agenda.
- I met with Peter Waart and he emailed the agreement for the Elevator installation contract. It was needed as an action item from the elev meeting.
- I worked on the Elevator meeting minutes with Martin and sent them out.

**Saturday and Sunday, August 30 and 31, 2008**

- No MEP work planned

  
William B. Shedd,  
SENIOR CONSTRUCTION ENGINEER