STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

ENGINEER'S DAILY REPORT

LAN Engineering Consultant

3/15/2009

REPORT NO. 820 {7-day}{ + 210 Project Work Day}

DATE: March 12, 2009

M T W T F S S (DAY)

NORMAL WORK HOUR: START: 6:00AM STOP: 3:30PM

WEATHER: SUNNY

LOCATION :

Construction Field Office : 333 Burma Road, Oakland 94607

Working Drawing Campus Office : 375 Burma Road, Oakland 94607

04-SF-80-13.2/13.9
Contract No. 04-0120F4
{SAS Superstructure}

Caltrans Supervisor:
Gary Lai
Senior Bridge Engineer

Office Work:

- **Safety Tailgate Meeting / SAS Staff Meeting – SAS Conference Room 8:00 AM.**
  - Safety Tailgate Topic: **"S#It Happens"**. A potpourri of safety issues that have happened on our construction site and elsewhere. Discussion of safety issues at Pier 7 and on the construction work site- past-present-future.
  - Staff Meeting followed the safety meeting.
- **CCO # 61 RFI Hooper / CCR Review Meeting (Caltrans Only)**
  - Went over all RFI's that pertain to the CCO # 61. Determined which sheets pertain to RFI's or CCR Design changes.
  - Found several sheets with reference to CCO #55 and #70. These sheets need to be reviewed and updated if required. The sheets reviewed today were from December 2008. There have been several changes to CCO # 55 and CCO #70 should not come before CCO #61. Suggested that we get a proper updated set to review before setting down with ABF. This will be brought up in the CCO meeting tomorrow.
- **SAS Opportunity Partnering Schedule (OPS) Work.**
  - Martin Chandrawinata sent out an email categorizing the critical activities that could affect the MEP installation that could delay the completion of the project. See attachment.

Any questions or comments you can reach me at (916) 919-7158. My E-Mail address is Mike.Travis@LANEngineering.com or Michael_Travis@dot.ca.gov

END OF REPORT

Work hours 0530-1600 – 8 hours regular

RECD '09 MAR-19 #009128

Attachments:

1. Email - Martin - OPS Critical Activities issues for MEP installation.

SIGNATURE

Name: Michael F. Travis

TITLE: Electrical Engineer – LAN Engineering

Attachment #1 (1/2)

Attachments can contain viruses that may harm your computer. Attachments may not display correctly.

Mike Travis

From: Martin Chandrawinata [Martin_Chandrawinata@dot.ca.gov] **Sent:** Thu 3/12/2009 11:01 AM
To: 'Bernard R Feather'; 'Bill Shedd'; Mike Travis; 'Sharad Patel'; Sandra Michelotti; Grady Hart
Cc: 'Michael Stone'
Subject: MEP Critical Activities
Attachments: MEP Critical activities 031209.doc(28KB)

All:

I identified the following activities may affect the completion of Phase 2 and Phase 3 of the project based on the meeting with ABF and their subs yesterday. Please find attached MEP Critical Activites for your review and comment.

I categorize them into 3 categories:

a. After removal of T1-ET (Erection Tower) - Most Critical because it happens after Load Transfer and Tower Head Installation

b. After removal of Temp. Towers - More Critical because it happens after Load Transfer and Hinge A Installation (but amount of work may not be much, and may occur after Westbound Roadway Openign ??)

c. After Load Transfer - Critical

(See attached file: MEP Critical activities 031209.doc)

Regards,

martin

Attachment #1 (2/2)

- **Activities must wait after Removal of T1 Erection Tower (predecessor: Load Transfer, Tower Head Installation)**

  OBG-Tower Transition:

  Electrical work: Pullbox Platform at EB roadway, rigid conduits, flex conduits, cables, etc
  Mechanical work: Expansion pipes loop from OBG to Tower including booster pump

  Tower Shafts and Platforms Outside:

  Electrical work: Av/Navs Warning (Fog), Seismic, TOS, Cables, Fixtures, Receptacles
  Mechanical work: Air and Water pipes, Elevator (Rail, Cab, Elevator Stops, Electrical work) – do we need to have all mechanical work completed for Westbound Roadway opening?

  Tower-Cable Transition:

  Electrical work: Conduits, Aviation warning, Strong Motion
  Mechanical work: Dehumidification Unit at Tower Head

  Ways to expedite:

- **Activities must wait after Removal of Temp. Towers (predecessor: Load Transfer)**

  W2-OBG Transition:

  Electrical work underneath: Cable Trays, Supports, Flex Conduits, Grounding, Cables
  Mechanical work: Pipes installation at the Transition (Catwalk for main cable may impede this activity)

  SAS-Skyway Transition (Hinge A pipe beams must be completed):

  Electrical work: Cable Trays, Conduits, Grounding, Cables – System Integration (TOS, Strong Motion, etc).
  Mechanical work: Pipes installation at the Transition

  Ways to expedite:

- **Activities must wait after Load Transfer:**

  Cable Main Spans and Back Spans:

  Electrical work: Messenger Cable, Flexible Conduits, pull boxes, lighting, Seismic, Aviation Wanring
  Mechanical work: None

  Cable Anchorages and Saddles

  Electrical work: Dehumidification unit hookups
  Mechanical work: Dehumidification Units and Ductworks: West jacking, East End Anchorages (After cable painting?), Tower Head, Tower Base

  Ways to expedite: