

**ACEC/Division of Engineering Services
Structures Liaison Committee**

MEETING MINUTES

DATE: October 29, 2010
TIME: 10:00 am – 12:00 am
LOCATION: Caltrans Department of Transportation
Division of Engineering Services
1801 30th Street, Room 102 (Farmers Market 1 Building, 1st Floor)
Sacramento, CA 95816

OFFSITE VIA VIDEO TELECONFERENCE:

District 12 Office, Room C1-165
3337 Michelson Drive, Irvine

MINUTES:

I. CALL TO ORDER, INTRODUCTIONS & CHANGES TO AGENDA

- A. Introductions
- B. It was noted that Paul Young had passed away.

II. REPORTS ON TECHNICAL TOPICS

- A. CTBridge Forum:
It does not appear that many people are using the forum. Lam to remind designers to use the forum.
- B. LRFD Blue Sheets for P/S Losses:
This will be covered in the 2010 Specifications. Sudhakar has an e-mail which describes two options, which he will e-mail to Mark to distribute.
- C. LRFD Substructures Implementation: Shannon handed out update for AASHTO LRFD.
 - 1. Shannon noted that AASHTO released 5th edition earlier this year. Caltrans did not adopt this version due to economics.
 - 1. Abutments are still to be designed using working stress design.
 - 2. LRFD now says design life is 75 years, compared to the earlier 50 year life.

2. The most significant structure change in the update is seismic earth loading. Earth retaining structures and underground structures have been updated in the 2010 Standard Plans. Retaining wall footings will see an increase in size on the order of 15-35%.
3. This update will also include major changes to the CRIB walls. Currently vendors are submitting revised designs for proprietary walls.
4. Caltrans XS Sheets are being updated for LRFD and will be posted over the next couple of months.
5. The implementation for Chapters 11 and 12 is not clear for specially designed walls. For standard walls it was recommended to use the Standard Plans associated with the version of Standard Specifications being used.
6. Wei asked about current jobs going out as design/build. Jim to investigate.

Action Item: Caltrans (Jim) to talk with design on which wall standards to use for design/build jobs.

III. UPDATES

- A. DES Update: Jim handed out organization chart. Dolores to be State Maintenance Engineer.
- B. Plain Language Specifications (Sharon Hansen)
 1. It is scheduled to be published in March 2011.
 2. 90% of the standard Plans are complete.
 3. Draft specifications are available on-line.
 4. Sharon handed out 2010 Construction Contract Standards – Quick Guide
 5. Implementation will occur over a one year period. It is anticipated that all jobs advertised after April 2012 to use new specifications.
 6. Brian Lee is heading up training.
- C. CT/ADSC Committee Update
 1. Dolores went over large handout that was e-mailed prior to the meeting.
 2. Design changes are in progress. These include location of PVC inspection tubes, anomolie specifications and Memo to Designers 3-7.
- D. ACEC Updates
 1. There are no current plans for new workshop. Trenching and Shoring workshop (available on-line) was very successful. Updated Trenching and Shoring Manual is scheduled to be complete in mid November.
 2. John noted that it was agreeable to Rob to include consultants with this year's winter training (Concrete Technology). John also noted that for noise concerns bridge decks will be tined longitudinally in the future.
- E. Project Development Oversight Update (Lum Nguyen):
 1. There will be two RFQ's coming out in November for geotechnical contracts.

2. There will be 6-9 construction engineering management contracts coming out.
3. Consultant contract to help with revising standards will be renewed.

F. Statewide Committee Report: No Update

G. Annual Report (Mark Ashley)

1. Mark handed out Draft 2009 Annual Report and asked for comments.
2. Mark to talk with Tom and Po (MTCO) about being next year's president.
3. Majid asked about forming a seismic subcommittee. Mark suggested placing on agenda for the next meeting.

- **ATTENDEES**

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