

# **CELSOC/Caltrans Structures Liaison Committee MEETING MINUTES**

**DATE:** February 25, 2005  
**TIME:** 10:00 am  
**LOCATION:** Caltrans DES, Sacramento  
Farmers Market I, Room 21

## **MINUTES**

### **I. REVIEW OF December 10,2004 MEETING MINUTES**

With the following change, December 10's meeting minutes are approved as recorded.

"XIII. OGS has three on-call contracts with consultant selection that are near end...."

### **II. DESIGN CRITERIA AND STANDARDS**

#### **CAD Subcommittee**

Request has been made to solicit interest in forming a CAD subcommittee in the Statewide Liaison Committee.

Action: CELSOC Statewide Liaison Committee will consider the need to create a CAD subcommittee.

### **III TECHNICAL ISSUES**

#### **A. Battered Pile-**

Use of battered piles is not recommended for bridges located in area where there is potential for liquefaction induced settlement. Better guidelines are needed for the evaluation of settlement and pile deflection, and define acceptance criteria for limited pile damage.

Action: W. Koo to draft a problem statement to E. Seaberg on this subject.

### **III. COMMITTEE CHARTER**

Committee charter needs update.

Action: M. Ashley to convene a conference call with CELSOC committee members to discuss revision of committee charter. Changes will be discussed in the April committee meeting.

Future CELSOC Committee meeting minutes may be posted on the Caltrans OSFP

	Website. W. Koo will work with E. Seaberg on this subject.
V	<p><u>LRFD DESIGN</u></p> <p>1. CTBRIDGE</p> <p>CTBRIDGE will be the bridge software based on LRFD codes, and is intended to replace the current BDS program. The program is in beta testing stage at this time. M. Ashley is to prepare on behalf of CELSOC the formal request to Caltrans to commercialize the CTBRIDGE computer program. The concern of the State not able to support the software needs to be addressed in the letter.</p> <p>2. IMPLEMENTATION</p> <p>Commercially available LRFD training programs should be considered by consultants to prepare for the implementation of LRFD codes on bridge design starting in April 2006.</p>
VI.	<p><u>CELSOC Report</u></p> <p>SANDAG is gearing up on the TransNet program which would require resources from Caltrans and consultants.</p>
VII	<p><u>DES REPORT (R.Stott)</u></p> <p>R. Land has been promoted to the State Engineer. The selection for a new DES Design Engineer is underway.</p>
VIII	<p><u>STRUCTURE CONTRACT MANAGEMENT REPORT (Voan Toan)</u></p> <p>DES will announce the RFQ for five structure design on-call contracts statewide. The current CI contracts will expire next year.</p>
IX.	<p><u>SPECIAL FUNDED PROJECTS / STRUCTURE LOCAL ASSISTANCE REPORT (E.Seaberg)</u></p> <p>Earl distributed a Memorandum, dated 2/21/05, regarding the conversion back to English units. CT will redo the Standard Plans back to English. The Department policy on de-metrication is on the Department website.</p> <p>The approval process for Encroachment Permit projects is under review. Earl Seaberg distributed an Encroachment Permit Contact Decision Tool for Bridges and Special Structural Designs. There have been issues with reviews on certain projects and this has led to stoppage of construction in some cases. The Department is working on further guidelines for sign structures and other miscellaneous structures.</p> <p>From the start of this FY, OSFP has delivered over \$70 millions of bridge projects through Type Selection to date. OSFP anticipates higher demand for resources as the SR-22 design build project kicks into higher gear, and the Golden Gate Seismic Retrofit starts.</p>

<p><u>X. STRUCTURES DESIGN REPORT (R.Stott)</u></p> <p>Seismic Advisory Board consists of a group of state seismic experts with charter to be advise the State on many of the seismic programs, such as the BART seismic retrofit program. The new seismic advisory report is available, and is posted on the Department website.</p>
<p><u>XI. STRUCTURE DESIGN SERVICES AND EARTHQUAKE ENGINEERING REPORT (R.Stott)</u></p> <p>DES is planning for the Fifth Seismic Seminar anticipated in September 2006. They will announce call for projects shortly.</p> <p>DES is also planning on the Structure Research Conference for 2005. The conference will be held in Sacramento</p>
<p><u>XII GEOTECHNICAL SERVICES REPORT (J. Davis)</u></p> <p>OGD is planning on 3 on-call geotech contracts. RFQ may be announced in 2 months.</p>
<p><u>XIII. STRUCTURES CONSTRUCTION REPORT (D. Valls)</u></p> <p>There have been many incidents of column rebar cages falling over. There is a DES design workshop looking at the problem. SSP revisions and design guidelines updates may be needed to minimize the problems.</p>

Next meeting will be on April 22, 2005 at DES (Farmers Market I building)

## ATTENDEES

### Caltrans

Bob Buckley  
Rob Stott  
Earl Seaberg  
Jim Davis  
Vong Toan

### CELSOC

Mark Ashley  
Wei Koo  
Walt LaFranchi  
Po Chen