

# Structural Engineers Association of Utah

## Seismic Committee Meeting

January 9, 2002

### Minutes

A scheduled meeting of the Seismic committee of the Structural Engineers Association of Utah was held at the office of Willmore & Cole, 442 North Main, Bountiful on January 9, 2002 beginning at 11:30 am.

*Members Present:* Ken Willmore (Chairman), Barry Welliver (Secretary), Carl Eriksson, Dave Pierson, Kelly Calder, Barry Arnold

*Members Absent/  
Excused:* Leon Tanner, Don Barfuss, Todd Petrik, James Williams

*Others Present* none

*Minutes:* Barry Welliver distributed the minutes of the December 5, 2001 meeting for review. MSP to approve the minutes with correction (Todd Petrik present)

*Seismic Maps  
Project:* Dave Pierson reported that Ron Ivie, chairman of the Utah Building Code commission, had requested the help of Walter Arabasz, Utah Seismic Safety Commission (USSC), in producing useable seismic maps for the state of Utah. The Building Code commission felt both the seismic design maps for the IBC and the IRC would be helpful. It was noted that this committee (SEAU Seismic) is presently working with the USSC and the Division of Comprehensive Emergency Management in the development of an overlay of the spectral response maps for the IBC however the IRC maps had not been included at this time.

*Seismic Code  
Revisions:* Dave Pierson reported that there have been no new developments in this area.

*GSREB review:* Work continued on the review of the 2000 Guidelines for the Seismic Retrofit of Existing Buildings.  
The following comments/revisions were suggested (revisions in *italic*).

#### **106.3 Existing unreinforced masonry**

**106.3.1 General.** Unreinforced masonry walls used to carry *superimposed loads* vertical or seismic...

##### **106.3.2.1 Multiwythe solid brick .....**

**Exception:** ..... in the *current* Building code and made composite....

**106.3.3 Testing of masonry** *Comment: Pointed out inconsistency with should/shall language. If the sections are intended to be a requirement and not optional, then the word shall shall be substituted for the word should.*

**106.3.3.1 Mortar tests.** *Comment: Is special inspection warranted?*

**106.3.3.2 Alternate procedures for testing masonry.** ...

Item 2. *Millimeter designation incorrect. Should be 457.2 mm square*

**106.3.3.5 Minimum quality of mortar.**

Item 2 ....shall be entirely repointed prior to testing. *Comment: Questioned the value of repointing in general.*

**106.3.3.6 Minimum quality of masonry.**

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Item 2 ....shall be entirely repointed prior to testing. *Comment: Questioned the value of repointing in general.*

Item 3 *Comment: Questioned the use of hollow unit masonry requirements.*

**106.3.3.8 Unreinforced masonry classes.** *Comment: Suggested this section be moved to the front to identify classes before discussing them in the provisions.*

*Next Meeting:* The next meeting will be a regularly scheduled meeting to be held at the offices of Willmore Cole in Bountiful, Utah on February 6, 2002 beginning at 11:30 AM.

*Adjournment:* This meeting was adjourned at 1:01.02 PM.

Submitted by: Barry H. Welliver, Secretary