

318 Sub D – Flexure and Axial Loads

ACI 318 Summer Meeting
Crown Plaza Denver International Airport
Denver, CO

Wednesday, July 20, 2011

Copper Mountain

8:00 AM – 12:00 PM

AGENDA

1. Call to order and welcome

Chair Frosch called the meeting to order, welcoming the subcommittee members.

Members in attendance:

Frosch (chair), Bommer, Browning, Garcia, Ghosh, Klemencic, Mlakar, Parra-Montesinos, Pincheira, Santana, Taylor, Zeisler (ACI Staff)

2. Approval of minutes

A motion to approve the minutes of the Spring 2011 meeting was made by Klemencic and seconded by Browning. The minutes were approved by unanimous voice vote.

3. Chapter 11 – One Way Slabs

The third main committee ballot (LB11-3) of this chapter has been completed. All comments were addressed, and revisions to the chapter were made. Subsequently, the revised chapter and response to comments were sent to letter ballot to SubD (LB11D-4). In addition, the negative voters were sent the revised chapter and response to comments. Prior to the meeting, seven of the negative voters had withdrawn their negatives based on the revisions and responses.

All comments received on LB11D-4 were discussed at the meeting. In addition, the outstanding negative votes from LB11-3 were discussed, and the manner of handling these outstanding negatives was agreed upon. A hand vote was recorded for the response to each of the outstanding negative voters. SubD unanimously agreed upon the responses. In addition, a vote was taken to approve the final version of the document. Again, SubD unanimously approved the revised chapter.

4. Chapter 25 – Plain Concrete

The first main committee ballot (LB10-4) of this chapter has been completed. All comments were addressed, and revisions to the chapter were made. Subsequently, the revised chapter and response to comments were sent to letter ballot to SubD (LB11D-4).

All comments received on LB11D-4 were discussed at the meeting. Responses were developed for each comment, and changes/corrections were made to the chapter as appropriate. A question regarding the critical section for shear for footings supporting masonry walls was provided in the letter ballot to SubD to determine if the

same definition should be applied for shear as is provided in 318-08 for moment. It appears that this is a hole in the current code as it is silent on the critical section for shear. Based on the comments, it was felt that this was new business and will be identified as such on the main committee ballot. A vote was taken to approve the chapter. Sub D unanimously approved the revised chapter. Chapter 25 will be submitted for second round balloting by the main committee on LB11-5.

5. Chapter 13 – Beams

The first round of balloting (LB11-4) of the beams chapter has been completed. Approximately 23 pages of comments were received. Work is already underway addressing the comments. The current plan is to submit for reballoting by the main committee on LB11-7.

6. New Items

There was only very limited time for discussion of new business items.

- a. 441E Proposal – Interlocking Spirals
Parra-Montesinos indicated that there are still issues with the current proposal. In particular, guidance is necessary regarding the amount of interlocking required since it is possible for parts of the column to separate.
- b. Minimum Reinforcement
There was inadequate time for discussion of this item.
- c. Tension Controlled Requirement for Slabs and Beams
Pincheira briefly discussed some of the history regarding this item as well as previous attempts by 318 to make changes to this requirement.

Chair Frosch indicated that a GoToMeeting would be scheduled in the near future to specifically discuss these new business items.

7. Chapter 14 – Columns

A draft of this chapter has been completed based on the result of task group balloting and coordination with the first draft of the beam chapter. However, it is important that the chapter be coordinated with the changes that will be made in the beam chapter resulting from LB11-4. For that reason, this chapter will be delayed from the original balloting plan of LB11-5 until LB11-7.

8. New Business

There was no time available to discuss new business.

9. Adjourn

The meeting was adjourned at 12:10 pm.