

ACI-ASCE Committee 352
“Joints and Connections in Monolithic Concrete Structures”

Meeting Agenda
ACI Spring 2015 Convention
Sunday, April 12, 2015
2:00 pm – 5:00 pm

Meeting Room “C-2503 B”, Kansas City Convention Center
Kansas City, Missouri

1. Welcome and introductions (All)
2. Membership updates (M. Hueste)
3. Approval of meeting agenda (All)
4. Approval of minutes from the Fall 2014 committee meeting in Washington, DC (All)
5. Formation of task groups (M. Hueste and D. Fick)

Task Group 1: Slab-Column Joints and Connections

- Mission: Update *ACI 352.1R-11 - Guide for Design of Slab-Column Connections in Monolithic Concrete Structures*
- Major Goals: (1) add updated examples to the report, (2) make technical and editorial updates to the report based on items identified during development of examples and recent updates to ACI 318-14, and (3) update report to refer to appropriate sections in ACI 318-14.
- Members: Damon Fick (Chair), Jim Cagley, Min-Yuan Cheng, Jeff Dragovich, Remy Lequesne, Ian Robertson

Task Group 2: Beam-Column Joints and Connections

- Mission: Update *ACI 352R-02 (Reapproved 2010) - Recommendations for Design of Beam-Column Connections in Monolithic Reinforced Concrete Structures*
- Major Goals: (1) update and expand technical content, (2) update examples in current report, and (3) update report to refer to appropriate sections in ACI 318-14.
- Members: Mary Beth Hueste (Chair), John Bonacci, Burcu Burak, Shyh-Jiann Hwang, Thomas Kang, James Lafave, Hung-Jen Lee, Stavroula Pantazopoulou, Gustavo Parra-Montesinos, Myoungsu Shin

6. Results of Ballot 2 for Slab-Column Connection Example 5 - Interior Type 2 Connection to supplement *ACI 352.1R-11* (M.-Y. Cheng)
7. Results of Ballot 3 for Slab-Column Connection Example 3 - Type 1 Corner Connection to supplement *ACI 352.1R-11* (M.-Y. Cheng)

8. Update from Task Group 1 (TG1): Slab-Column Joints and Connections (D. Fick)
 - Example Development
 - Example 1: Type 1, RC, Interior Connection (R. Lequesne and J. Wight)
 - Example 2: Type 1, RC, Edge Connection (M.-Y. Cheng and D. Fick)
 - Example 3: Type 1, RC, Corner Connection (M.-Y. Cheng)
 - Example 4: Type 1, RC, Interior Connection with Slab Opening (R. Lequesne)
 - Example 5: Type 2, RC, Interior Connection (M.-Y. Cheng)
 - Example 6: Type 2, RC, Edge Connection (J. Dragovich)
 - Example 7: Type 2, PT, Interior Connection (T. Kang)
 - Example 8: Type 1, PT, Corner Connection (D. Fick)
 - Update report and examples to be consistent with ACI 318-14
 - New business items identified during example development
 - TG1 Meeting: Monday, 3:00-4:30 pm, C-2102 B
9. Update from Task Group 2 (TG2): Beam-Column Joints and Connections (M. Hueste and working group leaders)
 - Working Groups
 - Overall Technical and Editorial Review and General Updates (J. LaFave*, M. Hueste*, J. Bonacci, D. Fick, T. Kang, V. Pantazopoulou)
 - Headed reinforcement applications in beam-column joints & connections (T. Kang*, H. Lee, M. Shin)
 - Effective joint area/strength reduction factors for beam-column joints for shear resistance (S.-J. Hwang*, J. LaFave*, H.-J. Lee, B. Burak, M. Shin)
 - High-strength materials in beam-column connections (M.-Y. Chen on behalf of H.-J. Lee* and S.-J. Hwang)
 - Fiber-reinforced beam-column connections (G. Parra-Montesinos*)
 - Updates and addition to the examples
[* indicates working group leader(s)]
 - TG2 Meeting: Monday, 1:30-3:00 pm, C-2102 B
10. Committee Review of ACI 374.AT and 374.YT (M. Hueste)
11. Update on Activities of Subcommittee ACI 318-J “Joints and Connections” (G. Parra-Montesinos)
12. Coordination with ACI Committee 562 “Code Requirements for Evaluation, Repair, and Rehabilitation of Concrete Buildings” (M. Hueste)
13. Technical sessions and educational activities
 - Technical Session Proposal for ASCE Structures Congress, Spring 2016 (T. Kang)
 - SP for Technical Sessions held in Washington, DC, Fall 2014 -- James K. Wight: A tribute from his students and colleagues (G. Parra-Montesinos)
 - Suggestions for future technical sessions or educational activities
14. Other business / presentations / new business (please notify M. Hueste in advance of any items in these categories)
15. Schedule for the next committee meeting
16. Adjournment