

ACI Committee 325: Concrete Pavements

ACI 2010 Spring Convention

Tuesday March 23, 2010

3:30 p.m. – 5:30 p.m.

Sheraton Room Michigan A

Chicago, IL

MINUTES

Members in attendance: David Pittman, Kamran Nemati, Dave Richardson, Tim Cost, Anthony Sorcic, Mike Estes, Tony Johnson, Suneel Vanikar, Kurt Smith, Peter Taylor, Wayne Adaska, Jon Mullarky, Jussara Tanesi, Nigel Parkes

Visitors: Larry Sutter, Halil Ceylan, Fatih Bektas, Tom Rozsits, Mathew Brynick, Randy Butcher, Bruce Jones, Nathaniel Mohler, Francis Omoregie, Steve Tritsch, Tomas Hernandez

1. Chairman Pittman called the meeting to order at 3:30 pm.
2. Self introductions were made.
3. J. Mullarky moved to approve the agenda and K. Smith seconded.
4. T. Cost moved to approve the minutes and S. Vanikar seconded.
5. Chairman's report
 - a. Pittman reported on the chairman breakfast news: 1) The importance of sustainability was one of the topics of the breakfast. All ACI documents should address it either with a dedicated chapter or a section or a few paragraphs on the subject. ACI 325 already complies with this requirement. The document on pavement design has a section on the subject. 2) Fly ash possible reclassification as a hazardous waste was another topic of discussion. Currently, ACI has 106 documents that mention fly ash. Approximately 18 million tons are used annually in the USA and the reclassification would significantly impact the concrete industry. 3) Nuclear power plant construction seems to be a topic of interest. USA has not built a plant in the past 25 years. 4) There will be no more informal subcommittees. ACI will have only formal subcommittees and task groups. 5) 3600 pages of documents were reviewed by TAC and 1700 pages more are expected this year. 6) T. Cost received an award. 7) Technical sections will be shortened from 3 hours to 2 hours.
6. Subcommittee reports
 - a. 325-A Design and Construction of PCC pavements is working on a document. Mullarky is the chair. The document is expected to be balloted in summer. The document is on highways, roads and streets. Most of the current information in the document is related to highways. More information on roads and streets is needed. A section on shoulders needs to be added, as well. The document is already in the committee website and Mullarky asked for comments.
 - b. 325-C Precast and prestressed pavements. Tayabji is the chair. Only four people attended the meeting. Tayabji is preparing a SHRP report and a TRB circular on the subject that could be converted into an ACI document. An international scan is planned and additional information will be available after the tour is completed. Some projects are planned in the near future in Florida, California and Utah.

- c. 325 D Proportioning for pavements. Since ACI 211 will not be responsible for proportioning of low slump mixtures anymore, D. Richardson volunteered to explore the possibility of ACI 325 taking the lead on preparing a document for proportioning paving mixtures.
 - d. 325E – Accelerated pavements. There was no meeting. The document needs to be updated. NCHRP document needs to be included in the ACI document. K. Smith volunteered to help Tony Sorcic to analyze what needs to be updated in the document.
7. Session on concrete durability: Around 40 to 50 people attended. The session went well and had good discussion on the subject.
8. Future plans and activities:
 - a. Future sessions:
 - Pittsburgh: Cost and T. Smith are preparing a session on Sustainability on concrete pavements but still need to contact some speakers. ACI 330 is the co-sponsor.
 - Tampa: Peter Taylor will prepare a session on concrete overlays.
 - Dallas: 1) co-sponsor with ACI 327 a full day session on RCC.
 - 2) Innovations in concrete pavement.
 - 3) Sustainability in concrete pavement.
9. Liaison with other ACI committees, outside organizations:
 - a. ACI 327 on RCC. ACI 325 will co-sponsor a session in Dallas with ACI 327. The current ACI document on RCC is outdated, and the CP Tech Center is currently preparing a guide on the subject. ACI will wait the completion of the CP Tech Center document in order to prevent duplication.
 - b. ACI 330, Parking Lots. Cost is no longer the chair. The committee is working on a document on industrial pavements. It will be soon balloted. The specification document needs to be updated.
 - c. ACI 522, Pervious Concrete. The report was just updated and is for sale. NRMCA has a certification program on pervious concrete.
 - d. ISCP. Mark Snyder was elected the president and Neeraj Buch the secretary. The 2012 conference is being organized.
10. New business
 - a. A new ACI 325 task force was created on CRCP. The chair will be Steve Tritsch.
 - b. Mullarky emphasized the importance of the transportation inspector certification program.
11. Sorcic moved to adjourn and Tony Johnson seconded.
12. The meeting was adjourned.