

**ACI 362 - PARKING STRUCTURES
Minutes of Meeting**

Cincinnati, Ohio

October 17, 2011

LIST OF ATTENDEES

<u>MEMBERS</u>	<u>ASSOCIATE MEMBERS</u>	<u>VISITORS</u>
Erich Martz Jim Donnelly Carl Walker Martin Mikula Tom Nehil Harry Gleich Ned Cleland	Tony Kojundic Larry Church Paul Tourney Don Kline Jack Gibbons Prakash Surali Rashid Ahmed Jeff Adams Zuming Xia Pete Popovic Amy Trygestad	Tom Wiesman Randy Carwile Kevin Hepburn Brian Pulver Petar Plemic Ron Watson Lance Osborne

1.0 CALL TO ORDER / ATTENDANCE

Chairman Martz called the meeting to order at 1:05 p.m. Meeting attendees briefly introduced themselves. Those in attendance for all or part of the meeting are listed above.

2.0 APPROVAL OF MINUTES

A motion was made by Rashid Ahmed and seconded by Martin Mikula to approve the Tampa, FL meeting minutes. The minutes were approved by unanimous voice vote.

3.0 STATUS UPDATE ON REVISED GUIDE DOCUMENT (362.1)

Chairman Martz reviewed the status of the revised Guide document. All of the comments generated by TAC during their review of the Guide document have been addressed and incorporated as appropriate into the document, committee responses provided for each comment, and the revised document and the committee responses submitted to ACI staff. The document is currently undergoing editorial review and clean-up by ACI staff, along with a review of committee responses.

4.0 FUTURE COMMITTEE ACTIVITIES

1. Updating ACI 362.2 - Guide for Structural Maintenance of Parking Structures

Chairman Martz discussed how this document is now 11 years old and needs to be updated or risks being withdrawn as an active ACI document.

It was agreed that a subcommittee should be formed to review the document and to begin its revision. Volunteers for this subcommittee, as stated during the meeting and by adding their names to a sign-up sheet included:

- Larry Church
- Jim Donnelly
- Carl Walker
- Tom Nehil
- Brian Pulver

Harry Gleich suggested that the existing document could be re-balloted to re-approve the document if necessary, with the understanding that the document revisions were underway. Chairman Martz indicated that he would discuss which approach would be preferable with ACI staff.

2. Subcommittees to deal with issues identified during preparation and finalization of the “Guide for the Design of Durable Parking Structures” document.

Jim Donnelly briefly summarized the subcommittees that had been proposed to date. The proposed subcommittees include the following:

- a. Durability subcommittee to look into defining a durable structure
- b. Materials subcommittee to review the effects of the use of pozzolans on the properties of hardened concrete
- c. Subcommittee to review the use of membranes

The possibility of having rehabilitation as a part of the durability subcommittee was also discussed. Paul Tourney mentioned that repair was already being covered by ACI 364 and the ACI repair specification being developed. Larry Church mentioned that the NPA maintenance manual for parking garages included repair in a chapter. Many of these documents should be references in the maintenance document. Pete Popovic stated that the focus should be on what should be done, not on how it is to be performed. After some discussion, Carl Walker indicated that he would develop an outline for this topic, which is to be forwarded to Jim Donnelly for balloting to the committee. At that time, the committee would decide whether to add rehabilitation as a topic to pursue.

The work product from these committees and how the information would be published was discussed. It was agreed that the subcommittees would develop recommendations in the form of a paper to be balloted by the main committee. It was suggested that the information produced by the membrane subcommittee could be added to the “Guide for the Design of Durable Parking Structures” document as an appendix.

The need for garage-specific information regarding condition assessment and repair was also discussed.

Chairmanship for these subcommittees was discussed. The following chairmen were assigned:

- a. Durability Subcommittee - On hold until Carl Walker’s outline
- b. Materials Subcommittee - Tony Kojundic
- c. Membrane Subcommittee - Mo Iqbal

Membership for the materials subcommittee was discussed. Volunteers for this subcommittee, as stated during the meeting and by adding their names to a sign-up sheet included:

- Tony Kojundic
- Prakash Surali
- Jack Gibbons

3. Conference Session:

The possibility of having a session at a future conference was discussed. The session would be appropriate for the new “Guide for the Design of Durable Parking Structures” document. Chariman Martz indicated that he would apply for a session.

4. Future Presentations to Committee:

The following volunteers and possible presentations were mentioned for the next committee meeting:

- a. The Use of Carbon Reinforcing in Double-Tees - Ned Cleland
- b. Zinc-Plating versus Hot-Dipped Steel Embedments in Precast - Harry Gleich

5.0 OLD BUSINESS:

There was no old business.

6.0 NEW BUSINESS:

There was no additional new business.

7.0 NEXT MEETING:

Dallas, TX (Spring 2012 Convention):

- Monday, March 19, 2012 – 1:00 p.m. to 5:00 pm (Main Committee)
- Sunday, March 18, 2012 - 12:00 noon to 3:00 p.m. (Subcommittee Meetings for updating ACI 362.2 - Guide for Structural Maintenance of Parking Structures and for Materials Subcommittee)

8.0 ADJOURN:

A motion to adjourn was made, seconded and approved.