



NEWSLETTER

INSIDE THIS ISSUE:

<i>President's Memo</i>	1
<i>Board of Directors</i>	1
<i>February Meeting</i>	2
<i>Upcoming Events</i>	2
<i>New Members</i>	2
<i>ACI/CAB Merge</i>	1
<i>Field Tech Level 1 & II</i>	3
<i>Membership Application</i>	3
<i>March Meeting Notice</i>	4

2006 BOARD OF DIRECTORS:

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- Pete Tatnall, Performance Concrete Technologies
- Kem Magnant, Georgia Concrete & Pro-ducts Association
- Kirk Deadrick, Lafarge—NA
- Scott Palotta, APAC, Inc.

PRESIDENT'S MEMO

At our last meeting you Board of Directors voted to continue to support the MathCount program. The Georgia Society of Professional Engineers (GSPE) cosponsors this program, which endeavors to reach out to junior high students to help them develop better math skills. The mission of the program is "To increase interest and involvement in math and nurture the future leaders of America that will be essential to our global competitiveness. In short, MathCount invests in the future of our nation by encouraging the talents and abilities of our young students." And the program counts on our continued financial support to continue its efforts.

I invite you to join your ACI chapter and the GSPE in support of this outstanding and important program. Our state, our country and our industry depend on it.

For more information contact Mr. Randy Bass, PE, Chair, MathCount Fundraising by e-mail at rbass@cement.org.

Thanks,

Nick Maloof, FCI
President GA Chapter ACI



CERTIFICATION/ACCREDITATION BOARD OF GEORGIA CHAPTER ACI, INC.

January 2006



TO: All Design Professionals

Re: CAB Merger

History: The Concrete Advisory Board of Georgia, Inc., was organized on March 4, 1970. It has a general purpose and objective to promote and encourage constructive cooperation among the participating organization by providing an instrument through which all may coordinate their efforts to improve the finished product known as concrete, to study problems of common concern in that field and make recommendations thereon. In 1979 the Concrete Advisory Board revised the Standard Minimum Specifications for Ready Mixed Concrete, the forerunner of ACI 301, to reflect the 1977 ACI codes. The State of Georgia also adopted our publication for the State Standards for state buildings. The standard was up-dated in 1987 to reflect Code changes. The CAB took on the program of administering the ACI Certification Programs in 1981.

In 2005, the CAB merged as a division of the Georgia Chapter, American Concrete Institute. The function of the organization will remain the same, with monthly meetings, ACI certification seminars and testing and concerns with the concrete industry. The ACI/CAB Certification/Accreditation Programs available are as follows:

- ACI Concrete Field Testing Technician - Grade I
- ACI Concrete Field Testing Technician - Grade II
- ACI Laboratory Testing Technician - Grade I
- ACI Laboratory Testing Technician - Grade II
- ACI Concrete Strength Testing Technician
- ACI Flatwork/Finisher & Technician
- ACI Concrete Construction Special Inspector
- ACI Certification for Aggregate
- CAB Laboratory Accreditation

Our organization would like to ask the design professionals of Georgia to support our endeavors by specifying the requirements of using the above personnel on your projects. We wish to thank all of the many volunteer professionals that help to make our programs work. We are always in need of more volunteer people to get involved with our programs and would welcome your time and effort.

Please contact our Secretary/Treasurer, Ms. "Sam" Morris, phone 770.455.7274; Fax: 770.455.7274, E-Mail: sammieLFM@AOI.com for any additional information.

Yours for better concrete,

Robert L. Terpening, P. E.
Chairman

UPCOMING EVENTS

ACI Level I Field Tech Exam
March 18, 2006
Lafarge Q & A Lab
Atlanta, Georgia

ACI Georgia Chapter Luncheon
March 24, 2006
Sheraton Buckhead Hotel
Atlanta, Georgia

ACI 2006 Spring Convention
March 26-30
Westin Charlotte
Charlotte, North Carolina
"Get on the Fast Track"

ACI Field Tech Level I Exam
April 22, 2006
Ready Mix USA (formally RMC)
Decatur, Georgia

American Concrete Institute
April 26, 2006
Atlanta, Georgia
"Concrete Slabs on Ground"
For information:
www.concreteseminars.com

American Concrete Institute
May 24, 2006
Atlanta, Georgia
"Design, Build, and Maintain Concrete Parking Structures"
www.concreteseminars.com

February 2006 Meeting

We had forty-five in attendance, which is typical for our Chapter, however the RSVP's amounted to only thirty and the hotel set up a small room that accommodated only forty! The overflow necessitated that a table be set up in an adjoining room where the diners were not able to participate in the program. This is a worst case scenario for not making a reservation! The five in the other room were able to squeeze into the main room for the presentation and it worked out OK, but it was stressful at the registration desk so please make an effort to preregister for the meetings.

The program was entitled, "An Aquarium for Georgia" given by Chris Britton, Senior Project Manager for Brasfield and Gorrie. Chris revealed that their participation in the construction of the Georgia Dome contributed to their success in the award of the Aquarium contract. He began the presentation with statistical scope of the project such as:

- 434 miles of electrical conduit
- 3600 tons of air conditioning capacity
- 218 water pumps totaling a capacity of 216,000 gallons per minute
- The "Ralph" tank [largest] containing 6.2 million gallons of water
- A requirement for 3,000 gallons per day "make-up water" for evaporation
- One million square feet of total structure space
- Parking deck for 1800 cars
- Forty seven separate exhibits
- A ballroom for 1200 people
- 8500 square feet of retail shops
- 90,000 cubic yards of structural concrete and almost 100,000 total yards consumed

The facility had to be permitted by the City in phases to expedite the program and it was determined that Self Consolidating Concrete [SCC] would also expedite the construction. The concrete placement was challenging in that the penetrations in the wall forms were difficult. The acrylic viewing panels were imported and had to be fabricated and cured in place. The maximum curing time to assure water tightness in the joints was 3.5 months. The total acrylic panel weight was 240,000 pounds and the largest panel at two feet thickness weighed 40,000 pounds! Chris explained how the owner, Bernie Marcus didn't like the "walled" fish tanks at the entrance after they were completely finished. It was necessary to demolish them and rebuild them to his satisfaction. It appeared from a show of hands that almost half of the audience had visited the Aquarium.

#



WELCOME NEW MEMBERS

Please join us in welcoming the following new members to our Chapter.

<u>Chase Anderson</u>	<u>Kade Adair</u>	<u>Don Bailey</u>	<u>Benjamin Bennah</u>	
Contour Engineering	ATC Associates	Nova Engineering	United Consulting	
<u>Timothy Blair</u>	<u>Laurel Chung</u>	<u>Marlo Clark</u>	<u>Mike Creel</u>	
Caldwell Concrete	GeoHydro Engineers	Wilmer Engineering	Caldwell Concrete	
<u>Jewel Domino</u>	<u>Bob Gobble</u>	Mark Hamilton	<u>Damon Hancock</u>	<u>Betty Kare</u>
Lafarge	QORE Property Sciences	Giles Engineering	Entergy Operational	Lafarge
<u>Gregory Lewis</u>	<u>Scott Lerch</u>	<u>Ronald Lowe</u>	<u>Rhonda Pocock</u>	<u>Gene Phillips</u>
United Forming	GeoHydro Engrs.	Building & Earth	Lafarge	Construction Mtrs.
<u>Ajantha Panditaratne</u>	<u>Shawn Patrick</u>	<u>Charles Smith</u>	<u>Rick Smith</u>	<u>Mark Sentelle</u>
United Consulting	Nova Engineering	Building & Earth	Building & Earth	Nova Engineering
<u>Jay Thompson</u>	<u>Janie Turner</u>	<u>Wayne Watford</u>	<u>Joshus Wheeler</u>	<u>Scott Yurman</u>
Construction Mtrs.	United Consulting	Building & Earth	Lafarge N-A	United Consulting



NOTE TO ALL INTERESTED PARTIES FOR ACI CERTIFICATION EXAMS, LEVEL 1 AND II FIELD TECHNICIANS:

Beginning with the April Exam which is scheduled for April 22, the exam will begin promptly at 8:00 a.m. therefore you will need to be at the Testing Lab not later than 7:45 a.m.. I will try and send all parties who have already received the Reminder sheet this information. Our purpose for doing this is to get in early and get out early. Most of our exams have had approximately 35 to 40 applicants. We will make sure that we have enough Supplemental Examiners on site to help speed this process.

Further, beginning in April, the cut-off for taking the exam will be 35 person. Should we run into difficulty with this limit, a second exam will be offered. Thank you so much for your cooperation.
"Sam" Morris, FCI

2006 MEMBERSHIP APPLICATION



Name: _____

Company: _____

Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Office Phone: _____

Office Fax: _____

Home Phone: _____

Email address: _____

Professional Category: (Check one)

- Architect
- Contractor
- Engineer
- Student - Name of School: _____
- Affiliate
- Other: _____

Are you an ACI International Member: Yes No

If yes, date joined National: _____

If yes, Committee Membership: _____

Sponsored By: _____ Date Joined: _____

NEW MEMBER DUES RENEWAL

Annual Dues
\$40.00

Please complete
application and mail
with your
\$40 check to :

Georgia Chapter, ACI
100 Crescent Centre
Parkway, Suite 110
Tucker, GA 30084
(770) 621-9324
FAX: 770-621-9380



Georgia Chapter ACI
Newsletter

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MARCH MEETING NOTICE

Date: *Friday, March 24, 2006*

Time: *12:15 p.m.—Luncheon*

You May Register On-Line:
www.georgiachapteraci.org

Location: *Sheraton Buckhead Hotel*
Check Reader Board for Room Location
Atlanta, Georgia

Speaker: Tim Cost, P. E.
Senior Technical Service Engineer
Holcim (US), Inc., Southern Sales Group

Program: *“Understanding and avoiding Concrete Material
Incompatibilities”*

Price: *\$25.00 - Pre-registered*
\$10.00 - Students
\$30.00 - Walk-ins and No-shows

RSVP: To RSVP, please call “Sam” 770. 455.7274 or email me at
SammiELFM@aol.com BEFORE 4:30 pm on WEDNESDAY,
March 22, 2006

Note: *If you fail to call in prior to the deadline, or you do not show for the luncheon,
you will be charged \$30.00.*

We're on the web!
www.georgiachapteraci.org