



Northeast Texas Chapter

Matrix

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MARCH 2002

March Meeting

Mitigating Corrosion of Steel in Concrete

Harovel G. Wheat
University of Texas at Austin

March 21, 2002
City Place
N. Central Expressway & Haskell Ave.

Many techniques are being used to minimize the corrosion of steel in concrete structures. Several of these techniques include choosing alternative reinforcement materials, using corrosion inhibitors, using cathodic protection based on sacrificial anodes or impressed current, and wrapping the concrete with composite materials. Some of the benefits and drawbacks of these techniques will be discussed in light of recent laboratory and field investigations.

Harovel G. Wheat received her B.A. in Chemistry from the University of Colorado, her M.S. in Metallurgy from the University of Denver, and her Ph.D. in Mechanical Engineering from the University of Texas at Austin. She joined the faculty in the Mechanical Engineering Department at the University of Texas at Austin in 1986. Her research interests include the corrosion of structural materials; especially corrosion associated with reinforced concrete structures, corrosion involving metal matrix composites, and degradation associated with polymer composites..

Meeting Schedule

11:30 - 12:00	Registration;
12:00 noon	Lunch

PLEASE MAKE RESERVATIONS IF YOU PLAN TO ATTEND!! Reservations must be made by Tuesday, March 19 at noon. The cost will be \$21.00 per person for those with reservations and \$25.00 for those without reservations. The ACI Voice Mail Reservation number is **Metro (972) 647-6794**.

IF YOU REGISTER BUT DO NOT ATTEND THE MEETING AND DO NOT CANCEL YOUR RESERVATION BY 3/15 6PM, YOU WILL BE BILLED \$25 TO COVER THE COST OF YOUR LUNCH.

Calendar

Seminars for 2002

(ACI National has scheduled the following seminars for our local chapter to co-sponsor)

April 9 – Troubleshooting Concrete Construction

May 10 – Slab on Ground

(TBA) - 318 Building Code

(TBA) - Masonry Code

(TBA) - Concrete Parking Lots & Site Paving

ACI Technical Meetings

(Program meetings are usually held on the 3rd Thursday every other month)

May 16 – (to be arranged)

July 18 – Field Trip (to be arranged)

Sept 19 - (to be arranged)

Nov 21 – Annual meeting

Chapter Board Meetings

Meetings will follow the technical meeting beginning at about 2 p.m. at City Place except the November meeting. December Board Meeting will be at UTA Conference Room on Dec. 12, 2002.

Certification – Concrete Strength Testing Technician

Training 4/6/02 Test 4/13/02
Concrete Field Testing Technician
Training 5/4/02 Test 5/11/02

These exams will be with the latest ASTM revisions.

2002 Membership

-Bob Henry

Good News – We now have 226 members who have paid for their 2002 dues (YEAH), but we need the *other 138 of (who have not paid)* to do so. The 2002 membership invoice/applications for \$20 were mailed in December 2001.

NOTE: If your mailing label for this issue of the Matrix has a 2002 in the upper right corner you have paid. However, if your label **DOES NOT** have a date in the upper right corner – **YOU HAVE NOT PAID** your 2002 dues!!! Use the invoice already mailed to you OR call, FAX, or email me and I will FAX or e-mail you a new one!

Bob Henry

(817) 272-2752 or FAX (817) 272-2826

rhenry@uta.edu

To be in the May 2002 Directory, your Dues must be paid May 18th



Financial Statement

- Robert Henry, secy.

ASSETS	
Cash and Bank Accounts	\$49,207.67
Investments	
Franklin Inc. Fund-Schlrshp	\$12,662.92
SB Convention Bond	\$20,428.54
SB Scholarship Interest	\$2,065.73
Scholars-Return of Principal	\$2,398.61

TOTAL Investments	\$37,555.80

TOTAL ASSETS	\$86,763.47
LIABILITIES	
	0.00

OVERALL TOTAL	\$86,763.47
INCOME	
Certification	\$13,888.00
Checking Interest	\$6.61
Short Course	\$6,900.00
Dinner Meetings	\$1,686.00
Matrix Advertising	\$75.00
Membership fees	\$3,140.00
Seminars	\$960.00

TOTAL INCOME	\$26,555.81
EXPENSES	
Bank Service Chg.	\$12.80
Certification Program	\$13,897.91
Chapter General Expense	\$96.73
Dinner: AV Equip.	\$200.00
Dinner: Meetings	\$480.02
Management Fee - Mbrshp	\$200.00
Management Fee - Sec/Treas	\$400.00

TOTAL EXPENSES	\$15,287.48
INCOME - EXPENSE	\$11,288.35

President's Message

I would like to take this opportunity to thank Bobby Gould, with The Structural Group, for his presentation on "Strengthening of Concrete Structures" at our January technical luncheon. This was a very enjoyable and informative meeting. If you did not attend you missed out on some very innovative techniques in structural repairs.

I was reading my February Concrete International Magazine, and ran across an article in the Special Products and Practice Spotlight section by our very own James and Jay Shilstone. The article is titled "Performance Based Concrete Mixtures and Specifications for Today". Congratulations to them for a well-written, informative article.

Reading the magazine brought to mind the question, are you a member of ACI International? By becoming a member you receive a large discount on all ACI publications and seminars. You also receive a monthly subscription to Concrete International magazine. This magazine is packed with informative articles on concrete technology and the latest in construction techniques. If you need more information on becoming a member go to their web site at: www.aci-int.org. Join today!

We have two ACI International sponsored seminars coming to the Metroplex this spring. See Bob Henry or myself at our March 21st luncheon for more information.

See you March 21st.

Carol Dunn

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Make your reservations early!!!

Call (972) 647-6794

***If your label does NOT have 2002 on it,
you have not paid your dues... please do
so now.***