

ACI COMMITTEE 439 on REINFORCING STEEL MEETING NOTICE AND AGENDA

To: Members of ACI Committee 439
From: Mark D. Marvin, Chair
William C. Gallenz, Secretary
Date 6 November 2009

e-mail: mdm.tmg@comcast.net

e-mail: wgallenz@rsinc.bz

Address Chairman at:
The Marvin Group, Inc.
P.O. Box 1259 Fairacres, NM 88033
Phone 859-371-8009 Fax: 859-371-8013
e-mail: mdm.tmg@comcast.net

ACI COMMITTEE 439 MEETINGS SUMMARY Fall 2009 — New Orleans, LA, Marriott New Orleans

COMMITTEE NUMBER	COMMITTEE NAME	DAY	TIME	ROOM
439	Steel Reinforcement	Mon, Nov 9	8:30a-10p	Napolean
439-A	Steel Reinf-Wire	Sun, Nov 8	12:30p-2p	Balcony M

AGENDA -- COMMITTEE 439 ON STEEL REINFORCEMENT (Main committee meeting on Monday, 9 November 2009)

1. Call to order and introductions
2. Membership overview
3. Approval of minutes from Spring 2009 meeting in San Antonio, TX (attached)
4. Subcommittee reports
 - 4.1. 439 A on Welded Wire Reinforcement – Ted Mize, Chair; Ryan Pelter, Secretary
5. Task Group Reports
 - 5.1. Field straightening reinforcement: testing status update – Mario Rodriguez, Chair
 - 5.2. “Steel Reinforcement - Physical Properties & U. S. Availability” (ACI 439.4R-89)
 - 5.3. New high strength steel – Salem Faza, Chair
 - 5.4. Status update of “Comprehensive Guide...”
6. Discussion on possible upcoming sessions – Attachment
7. Review of Mission Statement and Goals
8. Other Old Business
9. New Business
10. Adjournment

cc: David Bird, TAC Contact

A Proposed Session for ACI 439- Steel Reinforcement

Title: “High Performance of Steel Reinforcement”

Sub title suggested- “High Strength & Corrosion Resistant Reinforcing for Concrete Structures”

ACI 439 Session for Spring, 2010 – March 21-25 at the Sheraton, Chicago, IL

Mark Marvin (859-371-8009)- Chair- President, The Marvin Group

Roy Reiterman (419-348-3505) – Co-Chair – Consultant for WRI

Suggested Speakers (need them to provide a one to two line description for a 20 min. PP talk)

Johnny Kwok- Engineer for MMFX – or **Salem Faza** Engineer for MMFX– Chromium Rebars

Ryan Pelter – Sales & Marketing Engineer- with Engineered Wire Products – **High Strength WWR**

Tony Felder- Engineer with CRSI - E-C Coated Rebars and Revised ASTM standards on the various grades of rebars

Phil Zivich – Engineer with Outokumpu Bar Products - **Stainless Steel** for Corrosion resistance in concrete

Kurt Smith – Engineer with Applied Pavement Technology – **Types of steel reinforcement** for structural applications

David DeValve- Engineer with Oklahoma Steel & Wire- **Galvanized WWR** – The other corrosion protective Coating for steel reinforcement. History, current use and practice will be discussed.

Ted Mize- Engineer with Ivy Steel & Wire - Structural High Strength Grids as used in High Seismic Regions

Paul Fredrickson – Marketing steel reinforcement to save a project??

Other notes from meeting:

Mark will talk with ACI committee 222 (Corrosion)

Mark to give the status of a new “ACI, Comprehensive Guide for Str. WWR”

A statement about where we are with ACI’s 439 Revised Publication- “Steel Reinforcement- Physical Properties & US Availability”

Roy to contact Mike Tholen, ACI Tech. Writer for a CI article publ. prior to the N.O. Conv.



DRAFT MINUTES FOR ACI COMMITTEE 439

April 12, 2009

Address writer at:
Reinforcement Solutions, Inc.
1117 N. 23rd Street
Allentown, PA 18104

To: Members of ACI 439
From: William C. Gallenz, Secretary

E-mail: wgallenz@rsinc.bz

**Subject: 439 Main Committee minutes for the meeting held:
Monday, March 16, 2009 (8:30am – 10:00am)
San Antonio, TX, Marriott Rivercenter, Conf. Room 10**

- 1. Call to order: 8:30 A.M.**
- 2. Attendance:**
 - 2.1.** Voting Members Present: M. Marvin, W. Gallenz, L. Lutz, A. Felder, T. Hawkinson, D. Starnes, P. Zivich, R. Pelter, L. Colarusso, D. DeValve, R. Reiterman, H. Lancelot
 - 2.2.** Voting Members Absent: J. Bohinsky, D. Carreira, C. Augusta, S. Faza, P. Fredrickson, S. Holdsworth, A. Hulshizer, K. Luttrell, P. Meza, T. Mize, C. Paulson, R. Ramsey, R. Richardson, M. Rodriguez, P. Ross, C. Sabo, R. Smith, K. Williamson, W. Zehrt,
 - 2.3.** Other Members Present: Graham S.
 - 2.4.** Visitors Present: B. Barrows, M. Ugalde, M. Tholen, J. Kwok, D. Reider, T. Johnson
 - 2.5.** Summary: 12 Voting Members present, 19 Voting Members absent, 1 Other Members present, 6 Visitors present.
 - 2.5.1.** As of the date of the meeting, committee membership stood at 31 Voting, 3 Associate and 6 Consulting members.
- 3. Minutes Approval:**
 - 3.1.** The minutes as presented from the Fall, 2008 St. Louis, MO meeting required one grammatical change noted by M. Marvin, and were then unanimously approved. (Motion: L. Lutz, Second: L. Colarusso)
- 4. Subcommittee Reports:**
 - 4.1.** 439-A on Wire Reinforcement (T. Mize, Chair, R. Pelter, Secretary) – Subcommittee A met on Sunday March 15, 2009.
 - 4.1.1.** Attendance: There were 11 in attendance. 9 members, 2 visitors.
 - 4.1.2.** Changes to ACI 318
 - 4.1.2.1.** T. Mize to update spacing limitations. M. Marvin to follow.
 - 4.1.3.** D. Starnes raised lap distance/development length question.
 - 4.1.3.1.** Commentary in 12.19 vs. 12.18.1 vs. 12.14
 - 4.1.3.2.** D. Starnes to submit formal question to ACI-439A subcommittee.
 - 4.1.4.** M. Marvin still working on Guide to be complete by May 2009.
 - 4.1.5.** Subcommittee review of implementation goals
 - 4.1.5.1.** Discussion of educational plan and timeline
 - 4.1.5.1.1.** Possible Re-schedule Chicago session depending on Guide development.
 - 4.1.5.2.** Discuss new ideas for subcommittee goals, mission statement



4.1.5.2.1. T. Mize to submit to ACI 439 main.

4.1.6. Report on new or revised ASTM Standards

4.1.6.1. Galvanized vote had 4 negatives and still being resolved.

4.1.6.2. Welded Grid Standard received one negative

4.1.6.3. Combination of 4 wire standards going to ballot

4.1.7. New Business

4.1.7.1. Presentation by Mr. Robert Gulyas.

5. Task Group Reports:

5.1. Field Straightening Reinforcement: testing status update – Mario Rodriguez, Chair

5.1.1. Mario Rodriguez was not present, so no report was filed.

5.2. Report “Steel Reinforcement – Physical Properties & U.S. Availability” (ACI 439.4R-89) (L. Lutz, Chair)

5.2.1. Comments 2 through 8 resolved through voting by present members.

5.3. New High Strength Steel (S. Faza, Chair)

5.3.1. Concrete International Representative, Mr. Mike Tholen was present to discuss possible article publication.

5.3.1.1. 2,500 words or less.

5.3.1.2. Guidelines on Concrete International website.

5.3.1.3. Email article to Mike from CI upon completion.

5.3.1.4. Mike also suggested working a presentation into an article to promote the upcoming session.

5.4. Status update of “Comprehensive Guide”

5.4.1. M. Marvin still working towards completion of guide in May.

5.4.2. Instead of balloting, we will do one more round of comments.

6. Discussion on possible upcoming session – Roy Reiterman

6.1. E-702 for Chicago

6.2. R. Rieterman will chair, M. Marvin will co-chair, S. Faza, J. Kwok, R. Pelter, P Zivich T. Mize will all contribute as speakers.

6.3. Title suggestion by L. Lancelot to be “High Performance of Steel Reinforcement”

6.4. Session to be held November 9th from 2-5pm

6.5. Coordination to be made with M. Tholen for article to be published simultaneously.

7. Review of Mission Statement and Goals (ACI Requirement):

7.1. M. Marvin asked the committee “Beyond both guides, what do we want to do next?”

7.2. P. Zivich proposed “exposure to stainless steel”

7.3. M. Marvin to speak to the chair of ACI 222 to eliminate any committee redundancy.

8. Other Old Business:

8.1. L. Lutz to add “offset” to Guide related to MMFX.

9. New Business:

9.1. ASTM balloted ASTM A-706 Grade 80 with ultimate of 100.

9.2. ASTM balloted ASTM A615 Grade 80 with ultimate of 105

9.2.1. Negatives related to markings.



10. Adjournment:

10.1. R. Reiterman motioned, A. Felder second.

cc: David Bird, TAC Contact
Ron Burg, TAC Chair
Dan Falconer, ACI Engineering manager, Attn: Shannon Banchero