



IFCEE San Antonio, Texas
March 17-21, 2015
Anchored Earth Retention Committee
AGENDA

1. Call to Order -
2. Welcoming comments and introductions -
3. Committee member sign-in sheet sent around the room -
4. Safety Moment: -
5. Approval of Previous Minutes (October 16, 2014 committee meeting in Dallas, TX).
6. Old Business:
 - a. Reports on Action Items
 - i. Tiedown design research (JG)
 - ii. Epoxy Coatings (MK)
 - iii. Soil Nail Manual update (JG)
 - iv. AER Inspector's *Guide* (TH)
 - v. AER safety video (D. Thome, D. MacLean, G. Lewis, R. Marshall, and G. Sullivan)
7. New Business:
 - a. Action Items
 - i. AER Committee/DFI joint seminar at AMPIS (Sept. 2015)
 - b. Future Research/Needs:
 - i. LRFD AER design ~\$14k
 - ii. Compile and develop probabilistic formulation for Clough and O'Rourke's (1991) settlement versus height of cut chart using FEM and Monte Carlo Simulations –*Morgan Eddy*.
8. Other: -
 - a. *Faculty Workshop (PH)*
 - b. *Joints – Soil Nail Wall facings*
9. Meeting Adjourned –



**Summer Meeting
October 16, 2014
Anchored Earth Retention Committee
MINUTES**

1. Call to Order -
2. Welcoming comments and introductions -
3. Committee member sign-in sheet sent around the room -
4. Safety Moment: -
5. Approval of Previous Minutes (August 1, 2014 committee meeting in Nashville, TN): -
motioned by Greg Sullivan and seconded by Brenda Caron. Minutes approved.
6. Old Business:
 - a. Reports on Action Items
 - i. Tiedown design research – *Jesus Gomez gave a summary of the intent of the program and mentioned that suitable sites have not proven to be viable. Legal / liability items have been the problem with securing permission to perform the testing at these sites.*

Martin McDermott said he would talk to his office about possibly using McKinney's yard in Lansdale. Rick Marshall also said he would see about Goettle's yard. Ken Chadwick stated the AMPIS site may be suitable. Ken Chadwick/Martin McDermott will talk to Andy Burns to see if this could be arranged.
 - ii. Epoxy Coatings, "Discussion on the Differences between ASTM A934 and A775 Epoxy Coatings when used in Ground Anchoring Applications" – *Mike Kelly stated he was not in favor of using one coater to perform the coating, contrary to Tom Bird's suggestion, citing potential problems with the coater (finding one willing to do all types of coatings) and Mike also suggested results might not be as credible if it is performed by only one coater. There are supposedly two coaters willing to do both coatings (one in Colorado and one in California). Mike's concern is that coaters tend to primarily do only one type of coating and that their inexperience with the 'other' coating type may raise questions about the validity of the coating that they are inexperienced with. Jesus suggested we also discuss with Tom Bird.*

Mike will finish up proposal and send to Jesus.

- iii. Soil Nail Manual update - *Jesus stated manual is done and work is now focused on addressing the comments, as directed by FHWA (which comments to address). Thanks to Tom Richards for assembling and compiling the comments.*
- iv. 2015 IFCEE – *Peggy Hagerty-Duffy – have quite a few papers for AER. There are a number of good papers. Encourages good attendance/representation for technical sessions.*
- v. DFI Collaboration – *no discussion*
- vi. AER Inspector's Guide – *Terry Holman stated the work is getting done in small sections. Commitment to get draft by IFCEE is still on target.*
- vii. AER safety video (D. Thome, D. MacLean, G. Lewis, R. Marshall, and G. Sullivan) – *Greg Sullivan stated Task Force has been meeting over the phone regularly. Proposal should be ready and deliverable to Steering Committee in the next couple of weeks. Greg stressed that to make the video work, we need member participation. Goal is to have 4 representatives from each chapter participate.*

Dan McLean commented that the proposed budget was much higher than anticipated.

Rick Marshall motioned to approve the proposal, seconded by Greg Sullivan. Motion was put to a vote - all in favor, no objections. Micropile committee will also vote on the proposal next week at DFI.

7. New Business:

a. Action Items

- i. AER Committee/DFI joint seminar at AMPIS (Sept. 2015) – *Mike Moore stated that AMPIS will be in NY in September 2015. AER Committee can consider having a seminar at the same time to be able to coordinate a field visit to the AMPIS site. This would be in joint venture with DFI with ADSC taking the management side. Tony Marinucci volunteered to be involved. Dan McLean indicated that Andy Burns would also likely want to be involved.*

b. Future Research/Needs:

- i. LRFD AER design ~\$14k – *leave as-is for now*
- ii. Corrosion Experience ~\$30k – *remove from list (being handled by Mike Kelly – see above)*
- iii. Compile and develop probabilistic formulation for Clough and O'Rourke's (1991) settlement versus height of cut chart using FEM and Monte Carlo Simulations – *defer to Morgan Eddy.*

8. Other: -

- a. Faculty Workshop – Need volunteers to review existing documents with Faculty workshop (Dan McLean, Tony Marinucci, Terry Holman, Jesus Gomez, Peggy Hagerty-Duffy coordinator) to review information and note what may need to be updated and/or changed.*
- b. Joints – Soil Nail Wall facings – Greg Sullivan stated he's had problems lately with cracks developed in permanent soil nail wall facings. In researching causes/concerns, Greg stated that there is no research data available that reasonably addresses the issue. Greg is asking if anyone is aware of any available research on the issue. No action needed – Greg simply brought it up for discussion. Tony Marinucci suggested talking with Matt Niermann at Schnabel Foundations a call.*

9. Meeting Adjourned –



2015 ADSC IFCEE Meeting
JW Marriott San Antonio Hill Country Resort and Spa
Tuesday, March 17, 2015 9:00AM – 10:00AM
Associate Members Committee
Agenda

- 1) Call to Order
- 2) Welcoming comments and introductions
- 3) Committee member sign-in sheet sent around the room.
- 4) Safety Moment:
- 5) Approval of Previous Minutes from 2014 Fall Meeting:
- 6) Old Business:
 - a. Spotlight on Equipment Articles
 - i. FEBRUARY/MARCH 2015 – Soilmec North American
 - ii. APRIL – Control Chemical
 - iii. MAY/JUNE – DRILLTOOLS
 - iv. JULY – available
 - v. AUGUST/SEPTEMBER – available
 - vi. OCTOBER - available
 - vii. NOVEMBER/DECEMBER – TBD at Summer Meeting in August

Note: Articles are due on the 10th of the month prior to publication month
 - b. Product Presentations for 2015 Summer Meeting – Lunch and Learn Product Presentation Format.
 - i. Casagrande
 - ii. available
 - iii. available
 - iv. available
 - v. Backup available

Note: Presenters to bring \$100 raffle prize.
 - c. Expo 2015 Issues?

- d. Expo 2018 Update**
- e. Anchor Rig Feed Chain Safety Task Force**
- f. Rental Task Force**
- g. Faculty Workshop Fundraising**
- h. Elections – Pass out ballots and vote for Associate Members Chairman**

7) New Business:

Regulatory/Technology Update

ADSC Advertising Opportunities - Contact: Jan Hall at jhall@adsc-iafd.com

July 28-August 1, 2015 **ADSC Summer Meeting**
Park City, UT Sponsorships

September 13-19, 2015 **ADSC AMPIS**
Sponsorships, Equipment, Tooling

October 21-23, 2015 **Board of Directors Meeting**
Sponsorships

*Note: Pending... Drilled Shaft Seminar & AER/MP Seminar in 2015. If approved exhibit space & sponsorships will be available.

June 5-10, 2016 **Civil Engineering Workshop**
Sponsorships

2015/2016 Foundation Drilling Magazine Advertising
2015/2016 Website Advertising
2016 Membership Directory

8) Adjourn Meeting



**2014 ADSC Fall Board Meeting
Embassy Suites Dallas/DFW
Friday, October 17, 2014 7:30 – 8:30AM
Associate Members Committee
MINUTES**

1) Call to Order

2) Welcoming comments and introductions

Chairman Roy Kern welcomed all attendees

3) Committee member sign-in sheet sent around the room. Committee Sign in electronically

4) Safety Moment:

Roy presented Bauer RTG rolled off into a ditch. Need to use spotters when moving rigs around on jobsite. Losing rigs walking off the platforms.

Rick Marshall – 2-3 years ago, levee work in New Orleans, close to site Goettle was working. 300 ft boom (170 ft. long piling). Operator walked the rig off the mat resulting in \$7 million worth of damage of to rig and other equipment surrounding. Bottom line – USE SPOTTERS. Have designated spotters each time.

Al Rasband - Rig was backing into corner and an employee essentially got run over to waist, thankfully it occurred in Seattle mud and he was not hurt badly.

5) Approval of Previous Minutes from 2014 Summer Meeting: Motion presented by Jim Close, seconded by Dan MacLean

6) Old Business:

a. Spotlight on Equipment Articles

- i. **OCTOBER – Casagrande**
- ii. **NOVEMBER/DECEMBER – Williams Form**
- iii. **JANUARY 2015 – Loadtest**
- iv. **FEBRUARY/MARCH 2015 – Soilmec North American**
- v. **APRIL – Control Chemical**
- vi. **MAY/JUNE – DRILLTOOLS**

Note: Articles are due on the 10th of the month prior to publication month

Gave guideline update on what the article should be (Roy – not a sales/spec sheet)

- b. Expo 2015 Update** - Jan Hall reported on booth sales – indoor sold out; total exhibits sq ft is 85,760sq ft surpassing 2012. Exhibitor manuals – part 1 went out earlier this week, be sure to get date sensitive information back. Went over what complimentary booth qualifications (booth personnel per space); went over hotel housing – get your reservations in now.
- c. Expo 2018 Update - no update**
- d. Anchor Rig Feed Chain Safety Task Force** – no update
- e. ADSC/DFI Slurry Manual update** Peggy – almost done
- f. Rental Task Force**
Roy gave update. Progressing...we have lease samples and best practices from the task force members. Rick Kalson tied up on By-Law updates/changes and will address after those are completed.
- g. Faculty Workshop fundraising**
Roy passed out pledge information for the fundraising efforts and urged all to participate. So far only two companies have pledged, Con-Tech Systems & ECA.
- h. Elections**
Vote will occur at the Committee Meeting at IFCEE. Ballots will be distributed at that meeting. Roy Kern running unopposed, but voters have option to write in a candidate.

7) New Business:

Regulatory/Technology Update

Pile drivers – Tony Kraut – Rick Marshall.... A dedicated pile driver is considered a crane by OSHA. Load charts, certified operators, etc required. While drill rigs are not classified as cranes, discussion ensued regarding certifications of operators. Al Rasband commented that we need to get behind this....crane operators to be certified?

ADSC Advertising Opportunities - Contact: Jan Hall at jhall@adsc-iafd.com

Union 302/612 Seattle November (week-end) AL TO GET BACK TO ROY FOR DATES

January 13-16, 2015 Grapevine, TX	Field Managers Training (FMT) Sponsorships, In-kind support
March 17-21, 2015 San Antonio, TX	IFCEE 2015 Exhibits, Sponsorships
July 28-August 1, 2015 Park City, UT	ADSC Summer Meeting Sponsorships
September 2015	ADSC AMPIS – Mike Abruzzo spearheading in Northeast. Sponsorships, Equipment, Tooling
October 2015	Board of Directors Meeting Sponsorships
November 2015	Northwest/Union 302/612 Training (per Al Rasband) Tom Armour champion.

*Note: Pending... Drilled Shaft Seminar & AER/MP Seminar in 2015. If approved exhibit space & sponsorships will be available.

June 2016	Civil Engineering Faculty Workshop Sponsorships
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2015 Foundation Drilling Magazine Advertising
2015 Website Advertising

8) Adjourn Meeting

Motion to adjourn Jim Close, seconded by Brenda Caron

Chapter President's Council

July 31, 2014

Martin McDermott , Chairman, provided a welcome. Goals reviewed and discussed.

Sign in sheet completed.

Old Business:

Safety Minute: Safety and the need to set the tone is within the authority of anyone who see's something unsafe.

Andy Burns provided insight to an incident review regarding a winch. Inspection of equipment and any modifications is a must. Need to update all manuals to support proper usage of equipment.

2013 Council Goals and Objectives:

The goal and objective of this council is to create a forum where we can discuss and improve upon the needs of our industry/businesses.

Membership recruitment and retention: Jim Tippet reported on the "Chapter Playbook". The creation of the Western Canadian Chapter created their chapter on their own and maintained all records and outlines for the creation of a new chapter. Pete Rose will spearhead the ongoing playbook and it's creation/modifications and will be ready to be presented by IFCEE 2015. B D Smith reported on membership and active in making contacts with those members whose dues were delinquent. Personal contact helped retain six (6) this quarter. Discussion ensued on members becoming inactive and notifying the chapter presidents. Notifications of new members and non-responsive members about to be dropped are forwarded to the chapter presidents. New attendees at ADSC meetings are now being forwarded to the chapter presidents. The council is now asking that the chapter actually assign a mentor for the new attendees. Discussion ensued on encouraging members to attend the meetings. Chapter presidents need to continue to send updated information of event to International to ensure proper marketing and alleviate any conflicts. Chapter President meetings only occur at the Summer and Winter meetings. Task force (Pete Rose, Jim Tippet, Brenda Caron, Dan Thome and B.D. Smith) to sit down at Spring and Fall meeting to make continued efforts with contacting the chapters for sustainability and viability. Discussion ensued.

Chapter Sustainability:

Discussion ensued, led by Al Rasband, regarding chapter leadership and planning a definitive succession of leadership. The Chapter Playbook will have a suggested business plan and how to succeed with chapter sustainability. Craig Myers provided input on sustainability, recognizing the needs of the chapter and to keep the chapter on the upswing. A key is recognizing if the chapter is allowing things to go undone. Utilize the Chapters President Council to assist with any issues, using as a support group. Discussion ensued. The sustainability of the ADSC is through the chapters.

Pete Rose reported on the playbook, something that a new president could be handed and help them in the running of the chapter and what is expected and ADSC meetings. We are hoping to have it ready for presentation to the council at IFCEE 2015. Discussion ensued, perhaps using Andy Burns as a sounding board to review.

Tony Kraut reported on things as the Education Committee Chairman. Outlining needs for regional educational offerings. Brown Bag presentations were reviewed and discussion ensued, including training the trainer, or utilizing presentations already prepared and being utilized. Educational offerings reviewed, including OSHA training, AMPIS, DROS, etc. Efforts increased and presentations being used with colleges and involving students. Discussion ensued with Peggy Hagerty. Additional information pends. In a nut shell, here are the tools and nuts/bolts for the chapters to utilize. Empower the chapters and enhance their resources. Discussion ensued relative to PDH's. Offering PDH's is a big plus, especially with engineering firms. Additional discussion ensued.

Chapter President Updates:

NEC:

Andy Burns reported on the efforts of the chapter. Reviewing TA's and improve relationships with those TA's. PDH's would be a big thing to draw the engineers. Discussion ensued regarding CEU's and PDH's and their differences, as well as the technical aspect for PDH approval. Accuracy of TA's in the Membership Directory was discussed, as well as the processes involved. Discussion ensued. Updating chapter memberships is vital. Discussion ensued regarding dues for TA's and related topics.

SEC:

Fred Porter reported on the efforts of the chapter. The chapter had an informal meeting at the Summer Meeting to get the chapter back on track. What needs to be done to improve the chapter? Formal meeting scheduled for October with re-election of officers and restructuring the chapter.

OVC:

Pete Rose reported on the efforts of the chapter. Chapter is in good health. Last month's golf outing had over 120 golfers and 43 Sponsors. \$8,000 raised for the chapter's endeavor. Next meeting will be the Fall Meeting, 11-15-15 in Pittsburgh with an education session. Had six (6) new members.

RMC:

Charles Braun reported on the efforts of the Chapter. Discussed the Technical Affiliate issue relative to local members and trying to enlist their attendance at meetings. SEAC meeting upcoming in conjunction with CAGE. Continuing efforts with UTAH DOT on certifications and plan on several educational seminars. PTI covered and an FHWA soil mixing session in January. The chapter is working on a research proposal for submitting to the IAF on Micropiles. Next meeting is scheduled for October in Salt Lake, Utah. He wished to thank the members for their loyalty and support of the RMC.

WesternCC:

Western Canadian Chapter President Kevin Sharp reported on the efforts of the Chapter. Special thanks to Al Rasband, Tony Kraut and Tony Wark for attending the chapter's latest meetings. Next meeting will be their golf outing September 10, 2014 and their PAC Safety Seminar on September 11, 2014. Rick Marshall to present. NAIT and the chapter are partnering for curriculum for future presentations and proposing a Drill Rig Operator program with a one (1) year mentoring program built in. Next General meeting will be in May.

SCC:

Chapter President Dean Johnson reported on the efforts of the chapter. Special thanks to Tony Kraut for his presentation at the last meeting. The chapter is currently focusing on "What is the value to our members?" Next meeting is the golf outing in October where Rick Kalson will be presenting an educational program. The chapter plans to sponsor an engineering student or professor to go to IFCEE. Lots of good things happening and new members will be assigned a mentor.

ECC:

Jason Bindsell reported on the chapter's efforts. Chapter is progressing well. Membership is increasing. Mentors working with new members. Annual meeting with a golf outing had over 100 people in attendance. Chapter structure taking shape. Committees being formed, Safety/Educational/Associates. Struggling with time. All contractors on board. A lot of good companies in the area with a great deal of expected growth. CEO Mike Moore expressed how great the initial meeting was and what great expectations to look forward to.

ACC:

Chas Raysik reported on the chapters efforts. Discussed dues and what other chapters are doing. ACC doesn't charge dues. All funds are raised through the chapter's annual golf outing. Decision made to change meeting locations as well as a change of venue for the upcoming golf outing to Colombia, MD. Outing scheduled for September, 2015. Discussion ensued on a current job in Delaware that closed and re-opened. OSHA was invited to several meetings and attended two (2) with an educational panel in March which was well attended.

MWC:

Justin Seago was elected president in May and reported on the chapter's efforts. Membership was the first order of business. Attendance has been down recently at meeting and the chapter is addressing that concern. Two meetings/year with an annual Cubs game. Participation of contractors in chapter events has been down and the chapter is promoting attendance. No committees were set up when he

was elected but there are now 2 committees. One will assist Eric Reuther with the golf outing and the other will be for educational endeavors. Chapter is working with DOT to set up "specification" committee. Chapter to grow, but needs participation of all members. ADSC VP Martin McDermott discussed their intent to focus on membership, determine the chapter's primary needs and address them up front.

WCC:

Chapter President Rick Walsh reported on the Chapter's efforts. The chapter just celebrated its 30th anniversary. Retirees and Emeritus members were recognized. There were over 100 attendees. Money in the bank. Special thanks to Jeff Olsen and Joe Patterson for their efforts. Administrator Becky Patterson is working on membership rolls and updating membership. Training is scheduled with Local Union 302 coming in November. Changes discussed regarding voting rights for Associate Members. Chapter continues to grow and mentors being assigned to new members and Becky is working with BD on any proposed inactive members. All is well.

Mike Moore discussed several issues, focusing on being certain to check the calendar when scheduling events so there are no conflicts. Please advise International of any leadership changes, directory updates, etc. International can assist the chapters with email blasts and promotion of any events.

Motion to adjourn by Al Rasband

Second by Brenda Caron

Meeting adjourned

bds

ADSC Chapter Presidents Council
IFCEE 2015/Annual Meeting
JW Marriott Hill Country Resort & Spa - San Antonio, Texas
Wednesday, March 18 3:00pm-4:30pm

AGENDA

- | | |
|---|--------------------|
| 1. Welcome and Introductions | McDermott |
| 2. Previous Meeting Minutes Approval | McDermott |
| 3. Old Business | |
| a. 2015 Council Goals & Objectives | McDermott |
| b. Membership Recruitment/Retention/Mentoring | Tippett |
| c. Chapter Sustainability (business plans) | McDermott |
| d. Chapter Discussion | Chapter Presidents |
| 1) Chapter Challenges | |
| 2) Education and Training Status | |
| 3) Student Chapter Status | |
| 4) Alliances | |
| 5) Needs from National | |
| 6) DOT Chapter Task Forces – where are we at? | |
| a. New task forces in place? | |
| e. Chapter Handbook | Smith |
| 4. New Business | |
| a. The Center for Drilled Shaft Engineering | Rasband |
| b. Other | |



Annual BOD Meeting / IFCEE 2015

San Antonio, TX. March 18, 2015

Drilled Shaft Committee Meeting

Agenda

- **1:00 Meeting called to order:**
 - a) Chairman Bo Walker of Texas Shafts, joined by Vice-Chair Lance Kitchens of Russo and Secretary Ray Fassett of Condon-Johnson.
- **Welcoming Comments and Member Recognition** B. Walker
 - a) Attendance recorded by BD Smith accordingly: Approximately ____ in attendance.
- **Approval of Previous Minutes** B. Walker
 - b) Motion to approve minutes as written, made by _____ and seconded accordingly by _____ and approved unanimously.
- **Task Force Reports (Items ongoing)**
 - a) **Safety Items** R. Marshall
 - i) Drilled Shaft Safety Video.
 - **Update:**
 - b) **Quality Items**
 - i) ACI 336 Committee oversees four (4) separate sections: B. Hertlein
336.1R, 336.2R, 336.3R and 336.4R. 336.1R and 336.3R are directly related to the ADSC Drilled shaft work.
 - **Update:**
 - ii) Secant / Tangent Pile Wall Specifications T. Armour
(Task Force: Ray Fassett, Terry Holman, Tony Marinucci, Tom Witherspoon, Bernie Hertlien)
 - **Update:**
 - c) **Production**
 - i) Sub-Committee on Marketing J. Tippet
 - **Update:**
 - ii) Sub-Committee on Engineering and Design R. Fassett
 - **Update:**

iii) FHWA Base Grouting Project P. Hagerty

- **Update:**

iv) Load Test Program, Dr. Coffman, University of Arkansas Dr. Coffman

- **Update:**

v) Dr. Lemnitzer's Proposal University of CA @ Irvine L. Kitchens

- **Update:**

vi) Luke Schuler's research T. Witherspoon

- **Update:**

vii) Testing program for a small diameter pier and extrapolate load data for a larger pier
(Task force: Terry Holman, Jesus Gomez, Anna Sellountou, Tony Marinucci, Lance Kitchens, and Peggy Haggerty)

- **Update:**

d) **Seminars**

i) 2016 Faculty Workshop Bruce Long

- **Update:**

- **Old Business**

a) Alberta Canada: Distant Learning Program -Trade College: K. Sharp
Proposal for drill rig operator training program.

- **Update:**

b) PDCA: Internal Review Committee P. Hagerty

- **Update:**

- **New Business**

a) Election of New Officer

- **Meeting Adjourned:**



Board of Directors Meeting

Grapevine, TX. Oct. 16, 2014

Drilled Shaft Committee Meeting

MINUTES

- **12:15 Meeting called to order: 12:22 pm Start**
 - a) Chairman Bo Walker of Texas Shafts, joined by Vice-Chair Lance Kitchens of Russo and Secretary Ray Fassett of Condon-Johnson.
- **Welcoming Comments and Member Recognition** B. Walker
 - a) Attendance recorded by BD Smith accordingly: Approximately 20 in attendance.
- **Approval of Previous Minutes** B. Walker
 - b) Motion to approve minutes as written, made by Bernie Hertlein and seconded accordingly by Greg Lewis and approved unanimously.
- **Task Force Reports (Items ongoing)**
 - a) **Safety Items** R. Marshall
 - i) Drilled Shaft Safety Video.
 - **Update:** Re-recorded some of the commentary segments, made photo changes, etc. per Task Force review. Ready by Thanksgiving, hopefully. There is a segment of approximately 6-sec with a tieback rig. Asked if anyone objected. No objections noted.

Removed OSHA items for now. No changes to date.

- b) **Quality Items**
 - i) ACI 336 Committee oversees four (4) separate sections: B. Hertlein
336.1R, 336.2R, 336.3R and 336.4R. 336.1R and 336.3R are directly related to the ADSC Drilled shaft work.
 - **Update:** 336.3 on design has been published over the summer. Document is a living document and can be edited. 336.1 is currently under revision. Hoping to go to ballot next year.
 - ii) Secant / Tangent Pile Wall Specifications T. Armour
 - **Update:** Ray Fassett: Tom is looking for volunteers: Terry Holman, Tony Marinucci, Tom Witherspoon, Bernie Hertlein. Will forward electronic copy and questions.
 - iii) ADSC Drilled Shaft Mitigation and Remediation Guidelines R. Fassett

(Task Force: Bruce Long, Al Rasband, Lance Kitchens, Bernie Hertlien)

- **Update:** Peggy has written an article for the next issue of the Foundation Magazine. DS Committee to review prior to publication. **This item is closed out.**

c) Production

- i) Sub-Committee on Marketing J. Tippet
• **Update:** Looking to provide a presentation at a Building conference that is held 4 times a year. Have the Chapters in the area of the Building Conference look into presenting.
• Looking to have load test information out in the public through ENR, etc.
• Jim Tippet is looking to step down from the chairperson position. Looking at John Hayes, perhaps.
- ii) Sub-Committee on Engineering and Design R. Fassett
• **Update:** Meeting at DFI next week. Looking to engage Engineers at DFI.
- iii) FHWA Base Grouting Project P. Hagerty
• **Update:** Should be working on the site next month.
- iv) Load Test Program, Dr. Coffman, University of Arkansas Dr. Coffman
• **Update:** Peggy Hagerty: Finished the last shaft at Montecello last week. McKinney was delayed a month due to access. Work went well. GEI will be CSL testing next week. This will end Phase I. The next few months will be for reviewing the data.
- v) Dr. Lemnitzer's Proposal University of CA @ Irvine L. Kitchens
• **Update:** Lateral Load test information for different soil types: www.findapile.com. Wants the site to be informative. Looking for the ADSC to provide a summary of Drilled Shaft installation, and or a link to the ADSC website.
- vi) Luke Schuler's research T. Witherspoon
• **Update:** Luke is still working on the research. Everything is lined up for the testing. TXDOT is/has reviewed. Need to coordinate with Beck and Groundhog Drilling. Shafts need to be installed. Funding has been extended to the end of the year.

d) Seminars

- i) DROS School – Held Sept 14th – 19th, 2014 T. Kraut
• **Recap:** 9th DROS performed. Great site, support and class (attendees). 30 attendees. Learning from each DROS. Safety was a big part of the event. Morning stretches, etc. Started in 2000. Over 200 people have gone through DROS since its start. Many thanks to Jan Hall for all her help.
- ii) IFCEE 2015 Peggy Hagerty
• **Update:** All the review on the technical papers is complete. Review process was difficult. Software used was difficult to manipulate. Looking for contractors to provide comments/questions for a panel discussion on what Engineers should be learning in school.
- iii) 2016 Faculty Workshop Bruce Long
• **Update:** Mike Moore: Fundraising effort is on-going. Looking for pledges sooner than later. Hoping to have some funding in place prior to IFCEE.

- **Old Business**

- a) Alberta Canada: Distant Learning Program -Trade College: K. Sharp
Proposal for drill rig operator training program.

- **Update:** Contract between NATE and Canadian Chapter is being reviewed by an Attorney. Looking for schooling to begin in Fall 2015. Training being put together for this program can be used for the Drill Rig Certification Program. Completion of this training would qualify someone to take the Certification Test. Long discussion on comparison between Canadian Program and the Certification Program being worked on.

- b) PDCA: Internal Review Committee P. Hagerty

- **Update:** Steering Committee: Peggy was not invited to the last meeting held until after the meeting. This group will affect items in the IBC related to Drilled Shafts. Peggy needs to find out what the status of it all is.

- **New Business**

- Peggy Hagerty: Looking for Contractors that have redesigned or improved a drilled shaft design.
- Drilled Shaft Engineering Seminar for 2015? Looking for location.
- Martin McDermott: Can the ADSC have a booth at IFCEE to talk about and show the Chapters and contacts regionally.
- Acknowledged Anna Sellountou, PDI/GRL on creating the Dr. O'Neil Lecture.
 - a) PDI created the Thermal Integrity Profile equipment for testing.
 - b) Asked about an economical way of testing pile capacity.
 - i) Testing a small diameter pile and extrapolate data for a larger pile. Jesus Gomez, Terry Holman and Anna Sellountou, debated. Will work for Rock Sockets but not necessarily skin friction piles. Put together a proposal to test different pile diameters to show that extrapolation of load data would work.
 - ii) New task force: Terry Holman, Jesus Gomez, Anna Sellountou,, Tony Marinucci, Lance Kitchens, and Peggy Haggerty to look into an actual testing program for small diameter comparison testing.

- **Meeting Adjourned: 2:08 pm**

ADSC Education Committee Meeting Agenda
March 19, 2015 – San Antonio, TX

Welcome and Introduction:

Review and Approval of Prior Meeting Minutes:

- 1) Driller Certification Program**
 - a. Development of testing and evaluation subject areas
 - b. Certification criteria
 - c. Written and Practical Evaluation process
- 2) Field Manager Training**
 - a. Dallas, TX
 - b. January 13-16, 2015
 - c. Attendance – review
- 3) IFCEE 2015—San Antonio: Mar.17-21, 2015**
 - a. Billy Camp / Brian Anderson – Technical Program Chair
 - b. 6 Short courses (8am-5pm) Tuesday, Mar 17.
 - c. 56 Technical breakout sessions (90 minutes) Wed-Sat, Mar 18-21
- 4) AMPIS 2015:**
 - a. Location Wayne Patterson, New Jersey
 - b. Motel – 15 minutes away –still working on details
 - c. September 13-18, 2015
 - d. Mike Abruzzo – Champion
 - e. Greg Sullivan working on classroom
 - f. Moretrench - field support
- 5) Faculty Workshop June 5-10, 2016 - Allen Cadden**
 - a. Formulate FW-16 task force – committee needs board approval
 - b. Date / Location / Classroom field facility
 - c. Proposal to IAF Steering Committee
 - d. Program Content, Invitee List
 - e. Budget – previous budget amount? Attendee count? Reserve funds?
 - f. Fundraising?
- 6) Student Outreach Program**
 - a. Short Term Goal – Introductory Presentation of our industry / career opportunities
 - b. Active student chapters of the ASCE – initial focus
 - c. Presenter Volunteers / School or University Selection

New Business

1) Future Events and Seminars

- a. DS Seminar – July 2015 (with DFI)
- b. AER/Micropile seminar – Sept 2015 (with DFI)
- c. Superpile May 15, 2015

2) Construction Career Day

- a. October 29, 2014
- b. Irving, TX
- c. 1200 HS seniors and juniors

Closing Comments

Adjournment

ADSC Education Committee Meeting Minutes

October 17, 2014

Fall 2014; Grapevine, TX

Welcome :

Meeting called to order at 8:32am

Review and Approval of Prior Meeting Minutes:

Motion to accept –moved and second. Passed to accept minutes from summer meeting.

DROS-14 Fort Worth/ Burleson, TX Sept. 14-20, 2014

Tony Kraut –reported on the success of the program attributed to the great support from equipment suppliers, sponsorship and instructors. The field site offered good drilling conditions for each of the five rigs. In the future we should put emphasis on locates and alignment techniques. The student evaluations reflected favorable comments. With the 30 person capacity filing so quickly we might look at setting on the next DROS and re-evaluate the current 24 month rotation cycle.

1) Driller Qualification Program

Tony Kraut – We had a Driller Certification task force roundtable the day prior. Good discussion on this endeavor was shared by all. The primary effort of this task force has been modified to establish Certification Criteria rather than training. Accreditation processes need to be further evaluated.

2) IFCEE 2015—San Antonio: Mar.17-21, 2015

Peggy Hagerty - Educational programs are ready and on the schedule for this event. Bo Walker will be teaching for one of the Technical Sessions. Get the word out to Engineers and TA to take advantage of these programs. Promote now.

3) AMPIS 2015 - Prospect Park: September 13-18, 2015

Mike Abruzzo- volunteer to Champion this next AMPIS- a section of a quarry in Prospect Park, NJ has been offered as the field training site. Vertical wall drilling and anchor testing is possible. Motels and classroom facilities are limited in this area. A Ramada Inn is available but minimal restaurants are in this area. May need to use taxi or shuttles as needed. Field support will be provided by Moretrench. Greg Sullivan is working on the classroom lesson format.

4) Faculty Workshop June 5-10, 2016 - Allen Cadden

The FW-16 Taskforce will be meeting at the DFI meeting next week. Tony Kraut mentioned that the main three product committee chairmen should be included in the task force. A review of the lessons are in process. Modifications to bring these lessons more up to date was discussed. Dan McLean suggested sending all past FW attendees updates and revision to these lesson plans. Fundraising efforts are underway. A flyer has been printed and is in distribution for monetary contributions for FW-16.

5) Student Outreach Program

Peggy Hagerty- a canned lesson format is competed for use as an outreach training/orientation program. This can and should be customized to the trainers specific subject and students level of understanding. Tony Kraut mentioned at the DROS we had 5 students from UTA as guest visitors. He was surprised as to what little they knew about drilled shaft equipment and applications. There are many opportunities through this program to share specifics on our product to the academic communities.

New Business

1) Future Events and Seminars

- a. FMT – Jan 13-16, 2015 – in place at Grapevine Embassy Suites. Registration opens October 22, 2014
- b. DS Seminar – we had some discussion on when and where. Bo Walker commented thqat we need to find a place where there is a need for this. November is preferred time slot if possible.
- c. AER/Micropile seminar – Sept 2015 (with DFI) – This committee will meet next week at the Annual DFI Meeting. Nothing more to report at this time on AER/Micropile seminar.
- d. Superpile May 15, 2015

2) Construction Career Day

Tony Kraut – suggested we participate in this upcoming Construction Career Day on October 29th in Dallas. This is a one day event for up to 1200 high school students to learn about career opportunities in construction. This was presented and discussed at the South Central Chapter meeting earlier in the week. The SCC agreed to display at this event. Many construction career day events are offered all around the country. It was encouraged for Chapter Presidents to be looking for and take advantage of these programs. Jim Tippet mentioned that Bay Shore does these annually and have strong interest and excitement from the attendees. Martin McDermott will bring this up at the next Chapter Presidents Council.

3) Training Programs Available at Chapter Levels

An effort needs to be made by the Education Committee to focus on what training topics can be made available for local chapters to offer learning substance at their local meetings. Tony mentioned that the DROS program occupied much time so little progress was made on this. Tony will compile a list and send it out for suggestions or additions to these training topics.

Closing Comments:

Tony Kraut – mentioned a **Build EXPO** is offered at two locations in 2015. February 4, 5, 2015 in Dallas and then again on February 11, 12, 2015 in Los Angeles, CA. Build EXPO is a where engineers, architects and contractors come together. This would be a good opportunity for the ADSC to gain some exposure. A request for speakers is out. It was suggested to have Lance Kitchens present at this program if possible. Lance agreed.

Adjournment

Meeting adjourned at 9:12am



IFCEE 2015/ADSC Annual Meeting
Governance Committee Meeting Agenda

1. Call to Order
2. Welcoming Comments and Call to Order
3. Committee Member sign in sheet is distributed
4. Safety Moment
5. Approval of Meeting Minutes from Fall 2014 Meeting VOTE
6. Old Business
 - a. Bylaws
7. New Business
 - a. Carolinas Chapter Bylaws Revision Proposal VOTE
8. Governance Committee Chair VOTE
9. Adjourn

**2014 Fall Board Meeting
Dallas, TX
Governance Committee Meeting Minutes
Thursday, October 16, 2014**

- 1) The meeting was called to order by Chairman Rick Kalson at 7.02 AM.
- 2) The committee member sign-in sheet has been superseded by an electronic system where B.D. Smith logged in each attendee on his iPad.
- 3) In the interest of time, Chairman Kalson dispensed with welcoming comments and introductions, and moved directly to the safety moment.
- 4) Safety Moment: Jim Tippet advised the committee of a near miss when a crew was hurrying to pick a load, and neglected to check sling capacity or load weight. Al Rasband advised the committee of a similar near miss due to an improperly tied reinforcing cage, and reminded the committee of the need to check reinforcing cage fabrication before picking the cage.
- 5) The minutes of the August 2nd meeting in Nashville were approved unanimously.
- 6) Old Business: Revisions to National Bylaws
 1. The committee agreed to recommend changing the name of the organization to the Association of Drilled Foundation Contractors (ADFC) and that IAFD be dropped.
 2. The committee agreed to recommend removal of the list of specific technologies, wherever mentioned in the bylaws, and inserting instead “those technologies that have been approved by the majority of the Corporate Contractor Members casting votes. (The Approved Technologies)”
 3. The committee agreed to recommend elimination of the Operator Affiliate Member category (Article 3.04 (h)) as it is no longer relevant.
 4. Filling Board Vacancies: The committee discussed the proposed change to Article 5.06, regarding who would select the replacement for any officer who had resigned. Rick Kalson agreed to rewrite this section based on the committee discussion.
 5. Article 13, Amendment to Bylaws. The committee discussed the number of votes needed to approve a change in the bylaws, currently set at 3/4 of the corporate members casting votes at a meeting where a quorum is present. The committee agreed to recommend changing the required majority to 2/3.
- 7) New Business: No new business was brought up.
- 8) Meeting Adjourned at 7.58 AM.



2015 Annual Meeting
San Antonio, Texas
Friday, March 20, 2015 – 8:00am-9:00am

Industry Advancement Steering Committee

Agenda

Call to Order

- Opening Comments
- Approval of Minutes

Rasband

Rasband

Women's Association

N. McDermott

IAF

Faculty WS '16 Fund Raising

Melcher

Matthews

Scholarship Chairman Report

Kitchens

Fundraising Chairman Update

Kitchens

Research Chairman Report

MacLean

- Updated Forecast
- Status of Current Research

Research Reports

- Anchored Earth Retention
- Drilled Shaft
- Micropile

Gomez

Walker

Sullivan

Old Business

New Business

ADSC Industry Advancement Steering Committee

Minutes

Summer Meeting – July 2014 - Nashville, TN

The Industry Advancement Steering Committee meeting was called to order by

Committee Chairman, Al Rasband.

The following Committee members were present:

Al Rasband
Martin McDermott
Lance Kitchens
Tom Tuozzolo
Jesus Gomez
Roy Kern
Dan MacLean
Nancy McDermott
Greg Sullivan
Bo Walker
Tom Witherspoon

Others in Attendance:

Alan MacNab
Bill Hagstotz
Brenda Caron
Tony Kraut
Luke Schuler
Bruce Long
Ty Savage

Staff:

Michael Moore
B D Smith
Katie Nephew
Jan Hall

Opening Comments: Committee Chairman Al Rasband recognized and welcomed visitors.

Approval of Minutes:

A motion was made by Roy Kern and seconded by Dan MacLean to accept the minutes as presented; motion passed.

Dan MacLean – Projection discussion; Alan MacNab thanked Dan for his efforts and remarked on how good the projections. Additional compliments to Dan and Bruce Long. Faculty Workshop funding needs to continue; discussion ensued. Dan advised there were a few changes to be made and will make changes and resend. Currently tracking 5 ongoing projects; all updated; Peggy updated Arkansas project and he will review and advise. Luke's project will start in the Fall and Jesus's project will about ½ of the project will happen this year. Lateral database should see an invoice this week and the translation will be done this fall.

Education Committee: Tony Kraut- DROS is the big event with everything in place. The Drill Operator Certification will be developed and a task force is in place for that. A timeline will be placed on the calendar and the development of the Certification; some of that will be "scrubbed" and redone; discussion ensued.

IAF – Bruce Long – IAF meeting w/financial advisor last week; advisors out of Portland have been with us for 2 years and are heads above the previous ones. Income is back to the benchmark we were looking for and they are handling things well. We will keep them on board. They are Scott Wealth Mgmt out of Portland, OR. Discussion ensued. Bruce advised that some of the IAF's biggest concerns for anticipated funding; concern about needing to build the fund back up; we don't want to be in a position of rejecting a proposal that is worthwhile; haven't done any fundraising in a while and we will do so now.

AI- Faculty Workshop is the obvious focus at this time. Bruce mentioned that we need to move forward during IFCEE so that we have a plan in place.

Alan MacNab mentioned Jim Melcher felt strongly about that it wasn't the Board's position to direct fundraising. Discussion ensued concerning collection of pledges. A new method of invoicing will be created to collect these pledges.

Alan MacNab inquired about the Safety DVD and asked if we were charging for it? Discussion ensued. It's not the IAF's, but it occurred to him that when some funds are used to create revenue for the ADSC, and view it as seed money, not as total revenue, with the possibility of splitting income with IAF. Discussion ensued. Martin McDermott mentioned that the IAF accepting funds for the DVD might affect its IRS Status. Discussion ensued. Mike Moore advised the best way to keep it clean is that ADSC market video; whatever arrangement we make w/the IAF, the ADSC would then cut a check to the IAF as a contribution.

Scholarship Chairman Report – Lance Kitchens – with the loss of a key staff member we were behind on the scholarship evaluations. All is now inline and with the help of Dr. Witherspoon all applications have been processed and distributed to the review committee. We need to make up ground. Discussion ensued. To date, we've received 50 applications. Emily Matthews will be the liaison. Dr. Witherspoon advised that Emily and BD got us organized well and the process is in place. Nancy McDermott inquired about the return of the review list. More time this year because of IFCEE.

Fundraising Chairman Update –Bruce Long – Faculty Workshop- already has pledges for \$80-90k. We expect by IFCEE we'll have the money we need. Discussion ensued. We will use IFCEE as platform to share and utilize that great audience; hopefully, we'll end up \$250-300k; historically \$210k raised/spend;. Discussion ensued. TomTuozzolo asked about efforts to keep collecting until 2016. Bruce – problem with raising “too” much, acting in good faith? Unknown expenses, likely we'll need to continue fundraising past 2016; but will have a cutoff point for the Faculty Workshop; then find a long term pledge program. Discussion ensued indicating that if/when funds were collected more than needed, they were rolled over to the next seminar/event. Alan MacNab advised we'll know better when Dan runs the numbers; gut feeling is that as a group we should be thinking about \$2mill; discussion ensued. President Rasband suggested that we send a letter with the invoice to ensure that the pledge gets to the right person. Discussion ensued. Mike Moore inquired about Tom's thought to address from a different direction; capitalizing on the Faculty workshop; electronic email blast to all members to give everyone the opportunity to contribute to the IAF. Discussion ensued. Bruce Long advised that the trustees will be sending out a signed letter thanking attendees to Summer Meeting and requesting donations to Faculty Workshop. Discussion ensued. Mike Moore asked for clarification on the pledges coming in. Once the IAF gets donations, they'll handle the accounting and will send the ADSC a list of contributions/pledges. Discussion ensued.

Research Chairman Report:

Women's Association – Nancy McDermott, representing the Association advised that the Women's Association had contributed \$4,200.00 to cover the travel expenses for the scholarship recipients from this past year. They are prepared to contribute the amount required for the upcoming scholarship recipients. Other main things are the silent auction tonight; last time we did free shipping, but do to profit margin, there will be \$10.00 flat rate for shipping. Discussion ensued about events at IFCEE; limited due to the partnerships for IFCEE.

Research Reports:

Anchored Earth Retention – Jesus Gomez

Drilled Shaft- Bo Walker

Micropile – Greg Sullivan

Soil Mixing

Old Business

New Business



Winter/Spring 2015 Board of Directors (BOD) Meeting
San Antonio, TX
March 17-21, 2015
Membership Council Agenda

- 1) Call to Order**
- 2) Welcoming comments**
 - a. Cell phone reminder**
 - b. Council member sign-in sheet.**
 - c. Introductions**
 - d. Mission Statement and goals (review and update if necessary)**
- 3) Approval of Previous Minutes: (motion, second, discussion, vote)**
- 4) Safety Moment**
- 5) Old Business:**
 - a. Reports on Action Items**
 - i. "chapter play book" task force update**
 - 1. *Pete Rose*, B.D. Smith, Martin McDermott, Jim Harmston**
 - b. Chapter goals and expectations Council**
 - i. 4 meetings total: 2 meetings w/ presidents (summer and winter), 2 w/o (spring and fall)**
 - ii. Reminder, get new attendee list to chapter presidents 2 weeks prior to summer and fall meetings. Chapter Presidents to assign a "buddy" for the meeting.**
 - iii. Chapter Presidents to follow up after meeting to keep 1st time attendees engaged.**
- 6) New Business:**
 - a. Membership statistics (National)**
 - b. Volunteer/nominations for new Membership Council President**
 - c. Other new business?**
- 7) Meeting Adjourned (motion, second, vote):**



**Fall BOD Meeting
Dallas, TX
October 16, 2014
Membership Council**

1) Call to Order:

- a. Secretary, Greg Lewis, Moretrench called the meeting to order@ 4:30 PM

2) Welcoming comments and introductions.

3) Committee member sign-in sheet sent around the room. *Copy attached to these minutes.*

4) Safety Moment: Greg Lewis stressed the point of always being aware of others working on the sites as we are not out there alone.

5) Approval of Previous Minutes:

- a. *The approval of the last meeting minutes motion put forth by the chairman.*
- b. *Motion acknowledged by K. Sharpe*
- c. *Motion Seconded by R. Marshall*
- d. *Discussion.*
- e. *Vote-Unanimous yea*
- f. *Minutes Approved.*
- g. *Approved minutes signed.*

6) Old Business:

a. Chapter Playbook

- i. B.D. Smith and Pete Rose informed the council that a playbook to assist in keeping chapters active and current will be available by IFCEE 2015. **B.D. stated that this date is still reasonable.**
- b. Chapter council president to reach out to chapter presidents to stress the benefits of belonging to the association to new members.
- c. The council has decided on stickers on badges for first time meeting attendees.

7) New Business

a. Membership update- B.D. Smith

- 1. 11 Pending, 6 drops, 5 Contractors
- 2. +5 Q3

b. Booth at IFCEE

1. Work with ADSC staff to explore manning a booth @IFCEE 15

c. New Member or First Time Attendees

1. After a lengthy discussion the idea for badges with stickers and or ribbons has been tabled.
2. List of new or first time attendees to appropriate people:
 - A. Board, Ex-Com and chapter presidents.
 - i. Follow-up after meeting to get feedback from attendees
 - ii. Quick list or participation guideline.
 - iii. Ambassador from the Membership Committee

Meeting adjourned 5:10PM

Brenda Caron, G. Lewis



IFCEE
San Antonio, TX
March 17, 2015, 1400-1600
ADSC-DFI Joint Micropile Committee
DRAFT MEETING AGENDA

- 1) Call to Order (GS)
- 2) Welcoming comments and introductions (GS)
- 3) Committee member sign-in sheet sent around the room.
- 4) Safety Moment:
- 5) Approval of Previous Minutes from 10/21/2014 meeting, Atlanta, GA
- 6) ISM Report (Jim Bruce)
- 7) ADSC IASC Report
- 8) Old Business:
 - a. Seminars, Workshops, Educational Events
 - i. Recent Past
 1. Western Canadian Chapter Micropile Seminar, 2/19/2015
 - ii. Upcoming
 1. IFCEE, March 17-21, 2015, San Antonio (GS)
 2. AMPIS Sept. 13-18, 2015, Prospect Park, NJ – DFI-ADSC Joint Seminar consideration and status?
 3. ADSC Faculty Workshop, June 2016 (AWC)
 - b. DFI Europe Update (JW, SD)
 - c. ADSC/DFI Micropile Guide Specifications (JB)
 - d. IBC 2018 Building Code Topics (LJ, JW, TPH) - Update on 2018 Topics and progress of Geo-Coalition committee
 - e. Status of DFI Committee Research Fund “Literature Study of Reticulated Micropile Group Design and Construction Projects,” by Prof. James Mason (JB)
 - f. Micropile Inspection Guide (TPH) – Status Update
Task Force TPH, JG, JB, CB, DT, LJ, GS
 - g. New Committee Members (GS, SD)
 - h. DFI Committee Project Submissions (SD)

- i.
 - ii.
- i. CRSI Pile Cap Design Document (MEB, TPH)
- j. Proposed future research
 - i. Plunge Length White Paper - Status (TA) ???
 - ii. Micropile Connections in General (5 yr plan – existing, new, bending)
 - 1. Connections to Existing Foundations (Portuguese work translation)
 - 2. Draft Design Procedures for Connections to Existing Foundations
 - 3. Tension and Compression Anchorage and Bearing Plates
 - 4. Pile Head Fixity under Lateral Loading
 - ~~5. Pile Cap Structural Design~~
 - iii. Grout Testing (JB)
- k. ADSC Safety Committee and ADSC/DFI Micropile Committee – Small Diameter Drilling Video

9) New Business:

- a. Next Committee Meeting, ADSC Summer Meeting, Park City, UT, 7/30/2015 (tentative)
- b. ADSC Committee Co-Chair Nominations – Hear nominations, Vote (ADSC Committee Members Only)
- c. DFI Committee Vice-Chair Nominations –Hear nominations, Vote (DFI Committee Members Only)
- d.
- e.

10) Adjournment:



DFI 39th Annual Conference
Atlanta, GA
October 21, 2014, 0800-0930
ADSC-DFI Joint Micropile Committee
MEETING MINUTES

- 1) Meeting Called to Order at 0806 (JB)
- 2) Welcoming comments and introductions (JB)
- 3) Committee member sign-in sheet sent around the room.
- 4) Safety Moment: Jon Bennett – Good Site Housekeeping
- 5) Approval of Previous Minutes from 7/31/2014 meeting, Nashville, TN – 1st Allen Cadden; 2nd Tony Marinucci; motion passed
- 6) ISM Report (AWC) – No Report
- 7) ADSC IASC Report
 - a. Jesus Gomez – Micropile Connection Research Report Translation – Translation is complete and is currently being reviewed; completion expected in December 2014
- 8) Old Business:
 - a. Seminars, Workshops, Educational Events
 - i. Recent Past
 1. 12th IWM, Krakow, Poland, June 11-14, 2014 (DM) – Final tally was 60+ attendees; Crux Subsurface was winner of Micropile World Cup
 2. DROS
 - ii. Upcoming
 1. ADSC Western Canadian Chapter Micropile Seminar, Feb. 19, 2015, Calgary AB – Looking for speakers (TPH, SD, TDR volunteered)
 2. IFCEE, March 17-21, 2015, San Antonio (GS) – Registration is Open and currently discounted
 3. AMPIS Sept. 13-18, 2015, Prospect Park, NJ – DFI-ADSC Joint Seminar being considered

4. Faculty Workshop, 2016 – TPH and JG are leads for Micropile Cmte. Set coordination meeting for 12/2/2014 at ADSC office (AWC, Dan Brown, JG, PH, Tracy Brettman, LK, Jan Hall, Mike Moore)
- b. AASHTO LRFD Specifications (RAC) – Publishing expected in next edition of AASHTO Construction Specs, beginning of 2015; take off of the agenda
- c. ADSC/DFI Micropile Guide Specifications (JB) – JB wants to organize a conference call with the task force members to discuss the hollow bar provisions; then send to DFI TAC
- d. IBC 2018 Building Code Topics (LJ, JW) – The GeoCoalition Committee is continuing to work and is expected to wrap up general work in late Fall 2014. The next call is 10/30 and PDCA schedules regular (2 week) calls beyond that. Main task to move forward is to work on micropile sections and justifications for presentation to IBC.

Discussion – (JW) We submitted the strain compatibility report for inclusion in the proposed changes, give it a 50/50 chance to get the 48 ksi allowable stress in core steel/bar approved. (AWC) Will we need load tests to support the proposal? Yes, but we would need them to be to loads larger than 2.0DL. (Anna Sellountou) We probably have almost 1 year to get final docs for submission.

Followup – TPH, LJ, JW Conference call – TPH will handle coordinating and drafting proposed changes and justifications with help of Steve Davidow (SD) and assistance of TDR, JG, Mark Montgomery

- e. IAF Status of Research Program “Full-Scale Field Testing of Drilling Fluid Effects and Cone of Influence for Hollow Bar Anchors in Granular Soil,” by Patterson, Cadden, and Bird (AWC) – Published white paper in ADSC Foundation Drilling Magazine August issue.
- f. Status of DFI Committee Research Fund “Literature Study of Reticulated Micropile Group Design and Construction Projects,” by Dr. James Mason (JB) – Interactive database is being prepared for RMG design. Estimated 5 month timeframe until paper review is complete (500+ papers).
- g. Micropile Inspection Guide (TPH) – Task Force TPH, JG, JB, CB, DT, GS
 - i. Definitions (Larry Johnsen)
 - ii. Construction Materials (Jon Bennett)
 - iii. Installation Methods (drilling, grouting, hollow bars, drilling QA/QC) (Greg Sullivan)
 - iv. Required Construction Observations and Installation Logs (Dan Thome)
 - v. Materials QA-QC (Jon Bennett)
 - vi. Load Testing (Terry Holman and Jesus Gomez)

Target draft document to be completed by IFCEE Spring 2015.

- h. New Committee Members (JB, TPH) – Tony Marinucci (Soilmec); Greg Lewis (Moretrench); Steve Davidow (Crux Subsurface)
- i. DFI Committee Project submissions – Due 12/1/2014. Discussion was on ADSC Small Diameter Drilling Safety Video and applying to DFI for financial support; can the project fund be used for joint committee activities? (JW) We need to consider safety cages that are being incorporated into European-produced drilling rigs; need to include in proposal to DFI and may be considered by the review committee. 40% production losses may be expected due to this new safety.
- j. CRSI Pile Cap Design Document (TPH) – Described purpose, focus, and end product of this DFI-supported study with CRSI. Document expected to be complete in 2015 and has involved review and commentary by TPH, Mike Wysockey, MEB, and others in DFI and ADSC.
- k. Proposed future research
 - i. ADSC Safety Video – discussed in (i).
 - ii. Plunge Length White Paper - Status ??? (TA) - None
 - iii. Micropile Connections in General (5 yr plan – existing, new, bending)
 - 1. Connections to Existing Foundations (Portuguese work translation)
 - 2. Draft Design Procedures for Connections to Existing Foundations
 - 3. Tension and Compression Anchorage and Bearing Plates
 - 4. Pile Head Fixity under Lateral Loading
 - ~~5. Pile Cap Structural Design~~
 - iv. Grout Testing (JB)

9) New Business:

- a. Next Committee Meeting, IFCEE Meeting, San Antonio, TX, March 17, 2015
- b. ADSC Committee Chair – Greg Sullivan will step down as of March 2015 meeting. Nominations for ADSC Co-Chair being accepted. Please email to Greg Sullivan.
- c. DFI Committee Chair – Jon Bennett stepping down as of DFI meeting. Steve Davidow, PE, SE was nominated and approved by DFI Trustees as new DFI Co-Chair. Nominations are being sought for DFI Vice Chairman.
- d. DFI Europe (JW) – DFI Europe is to develop a micropile committee. Mark Hinton (Atkins) will head this development up and a meeting is expected in Paris in Spring 2015.

10) Adjournment at 0935



Annual BOD Meeting / IFCEE 2015

San Antonio, TX

March 19, 2015

Safety Committee Agenda

- 1) Call to Order:**
 - a. Chairman, Rick Marshall
- 2) Welcoming comments and introductions**
- 3) Committee member sign-in sheet sent around the room.** *Copy attached to these minutes.*
- 4) Safety Moment:**
- 5) Approval of Previous Minutes:**
 - a. *The approval of the last meeting minutes is done by MOTION.*
 - b. *Motion to approve*
 - c. *Motion Seconded by*
 - d. *Discussion*
 - e. *Vote to approve.*
 - f. *Approved minutes signed by Secretary*
- 6) Old Business:**
 - a. **Drilled Shaft Safety Video**
 - i. Video is complete and available through the ADSC Technical Library – under “Safety”
 - b. **2015 IFCEE**
 - i. Our 8 Hour course was presented Tuesday – any comments?
 - c. **Catch Brake Mechanism**
 - i. No movement – possible article for FD from the Associate Committee?
 - d. **OSHA proposed rule on *Record Keeping***

On September 11, 2014, OSHA announced changes to the list of industries that are exempt from the requirement to routinely keep OSHA injury and illness records, and to the list of severe work-related injuries and illnesses that all covered employers **must report** to OSHA. These new requirements will go into effect on January 1, 2015 for workplaces under Federal OSHA jurisdiction.

e. Silica and the Proposed OSHA Standard

- i. No movement on the new proposed standard to date but it should be noted that silica exposure is still a national emphasis program and the current standard is still very much in effect.

f. Dedicated Drill Rig Operator Certification

- i. A task force is in place and the criterion is under development for minimal proficiency requirements for a dedicated drill operator.

7) New Business:

a. Anchored Earth Micro Pile Video:

- i. A script and proposal has been submitted and approved by the IAF – funding not to exceed \$52,000. Bill has begun shooting photos / videos
- ii. The participation of members is key to the success of this project.

b. Machine Guarding of Rotating Parts:

- i. European rigs are being imported with safety devices such as trip wires and cages. Currently the safety devices are seen on smaller rigs but are slowly making their way to the large diameter rigs. As the safety devices are being seen more often, there is the possibility that they will become required by outside parties. – Do we need to address this as an association?

c. Working Platforms:

- i. An article was written in FD by James Finbow of Bauer Foundations Canada. It was discussed again during the Safety Workshop this week. Does anyone have a success story?

8) Committee Chair Vote:

9) New Business - Training or other issues this committee needs to address:



**Fall BOD Meeting
Grapevine, TX
October 16, 2014
Safety Committee Minutes**

1) Call to Order:

- a. Chairman, Rick Marshall, called the meeting to order @ 8:00

2) Welcoming comments and introductions

3) Committee member sign-in sheet sent around the room. *Copy attached to these minutes.*

4) Safety Moment: Rick stressed the importance of good basic hygiene during the current news involving Ebola. Let's not lose sight of the fact that four people a day die from construction accidents.

The book *Trapped Under the Sea: One Engineering Marvel, Five Men, and a Disaster Ten Miles Into the Darkness*, by Neil Swidey, was recommended to the committee by Rick

5) Approval of Previous Minutes:

- a. *The approval of the last meeting minutes is done by MOTION.*
- b. *Motion to approve- Brenda Caron*
- c. *Motion Seconded by Zach Kane*
- d. *No discussion*
- e. *Unanimous vote to approve.*
- f. *Minutes Approved.*
- g. *Approved minutes signed by Secretary*

6) Old Business:

a. Drilled Shaft Safety Video

- i. Video going through the final, final edit. We hope to see release by Christmas.
- ii. Tom Wark of Keller Canada showed the unedited version, had good response and it made for good talking points.

b. 2015 IFCEE

- i. 8 Hour course layout is submitted with presenters lined up but the forum is still open for additional input from all members.
- ii. Still working/waiting on the USACE to commit to the program.

c. Catch Brake Mechanism

- i. No movement

d. OSHA proposed rule on *Record Keeping*

- e. On September 11, 2014, OSHA announced changes to the list of industries that are exempt from the requirement to routinely keep OSHA injury and illness records, and to the list of severe work-related injuries and illnesses that all covered employers **must report** to OSHA. These new requirements will go into effect on January 1, 2015 for workplaces under Federal OSHA jurisdiction.

f. Silica and the Proposed OSHA Standard

- i. No movement on the new proposed standard to date but it should be noted that silica exposure is still a national emphasis program and the current standard is still very much in effect.

g. Dedicated Drill Rig Operator Certification

- i. A special meeting will be held during this board session to discuss the certification process.

7) New Business:

a. Anchored Earth Micro Pile Video:

- i. Draft script and proposal has been completed and submitted. Should see action from the steering committee in the next few weeks.
- ii. The participation of members is key to the success.

b. Machine Guarding of Rotating Parts:

- i. European rigs are being imported with safety devices such as trip wires and cages. Currently the safety devices are seen on smaller rigs but are slowly making their way to the large diameter rigs. As the safety devices are being seen more often there is the possibility that they will become required by outside parties.

c. Working Platforms:

- i. An article will be forthcoming in an upcoming *Foundation Drilling* Magazine.

d. Training issues:

- i. No movement or requests to the committee. It was stressed that this is more of a chapter issue than a national one.
- e. The Tennessee AGC is looking for clarification for fall protection and drilled shafts. It was recommended to members of the Southeast Chapter to make a presentation on drilled shafts to the TNAGC.

8) Meeting Adjourned: Motioned by Brenda Caron, second by Roy Kern at 8:45 AM



2015 IFCEE Winter Meeting, San Antonio, TX
Soil Mixing Committee Meeting
03/17/15, 3:30 PM - 5:00 PM
MEETING AGENDA

- 1) Call to Order:**
 - a. Chairman (Robert Carnevale)
- 2) Welcoming comments and introductions.**
 - Robert Carnevale – Chairman
 - David Miller – Vice Chairman
 - Rick Hanke - Secretary
- 3) Committee member sign-in sheet.**
- 4) Safety Moment.**
- 5) Approval of Previous Minutes:**
 - a. *Approval of minutes from Fall BOD Meeting*
- 6) Old Business:**
 - a. *Review of action items from Summer meeting*
 - i. SM guide spec task
 1. Review timeline milestones
 2. Current status of guide spec
 - ii. Member outreach for SM activities
 1. New committee members
 2. Dissemination of general SM technology to Chapters
- 7) New Business:**
 - a. *Committee leadership tenure*
 - i. *Nominations for Chairman and Vice Chairman*
 1. *Vote*
 2. *Chairman appoints Secretary*
- 8) Review updated Goals and Objectives:**
 - a. Develop a guide spec
 - b. Dissemination of general SM technology to Chapters (internal education)
 - c. Develop a track for inclusion in industry education seminar
 - d. Future research activities/needs that may be suitable to recommend to the Industry Advancement Steering Committee (IASC)
 - e. Bylaw for incorporation
 - f. New business
- 9) Meeting Adjournment** – Motion to adjourn meeting upon completion of all business.



2014 BOD Fall Meeting, Grapevine, TX
Soil Mixing Committee Meeting
10/16/14, 9:45 AM - 10:30 AM
MEETING MINUTES

1) Call to Order:

- a. Chairman (Robert Carnevale)

2) Welcoming comments and introductions.

- Robert Carnevale – Chairman
- David Miller – Vice Chairman
- Rick Hanke - Secretary

3) Committee member sign-in electronically recorded by B.D. Smith. (19 members attended)

4) Safety Moment.

- a. Roy Kern – a Bauer RTG rig was performing stone column work on a project in Ontario, Canada. The rig was tracking across the site without a spotter and simply drove off the working platform and tipped over. Luckily there were no significant personnel injuries but resulted in extensive equipment damage. Lesson: The equipment operator cannot see everything and has to have a spotter.
- b. David Miller – move and demove times are always vulnerable to accidents. Cited an incident where over height equipment was being moved on a truck and the load did not clear beneath a bridge overpass. Lesson: All loads and load security are ultimately our responsibility.

5) Approval of Previous Minutes:

- a. *Approval of minutes from Summer Meeting*
 - i. Motion by Greg Lewis, 2nd by Dan MacLean

6) Old Business:

- a. *Review of action items from Summer meeting*
 - i. SM guide spec task
 - 1. Review timeline milestones – A 90% draft is complete and currently being worked on for final edit and completion.
 - 2. Current status of guide spec - Spec revisions have been completed internally within the task force. Additional comments have been received from the Keller Group and are to be incorporated by October 31, 2014. Another round of Task Force review will require a minimum of 2-3 weeks at which time it will be released for review to the ADSC Soil Mixing Committee. Concurrent with this release will be an official transmission and solicitation for review to the DFI Soil Mixing

Committee. This will be mentioned to the DFI Soil Mixing Committee next week in Atlanta at the annual DFI meeting.

- a. Martin McDermott – When the spec is released for distribution to the Soil Mixing Committee, Martin will also forward it to all local chapter presidents.
- ii. Member outreach for SM activities
 - 1. New committee members – No new committee members
 - 2. Dissemination of general SM technology to Chapters – brief review by David Miller of the soil mixing project summaries distributed just prior to the summer meeting in Nashville.

7) New Business:

a. *Committee leadership tenure*

- i. Al Rasband – noted that there should be some sort of advertising or announcement regarding the tenure change and vote. Thirty days prior notice is needed for nominations for chairman and vice chairman, while the new chairman would then elect or appoint a secretary.
- ii. Al Rasband – Advertise information to the ADSC on what it takes to be a soil mixing contractor.
- iii. Mike Moore – there is interest in submitted information from this committee of a current status report within the ADSC magazine. Seconded by Al Rasband.
- iv. Lance Kitchens – can the soil mixing specification be published in the magazine?
- v. Rick Hanke – the specification is too long for magazine publication but it could be condensed into a bulleted summary form.
- vi. Bo Walker – there is a need for a marketing add regarding the vote in order to get the message out to the Cateragory 3 & 4 contractor members.
- vii. Mike Moore – cutoff dates for publication within the coming issues prior to IFCEE will be determined and sent out to the chairman and vice chairman.

8) Meeting Adjournment:

- a. Upon completion of all business the meeting shall be adjourned by motion.
 - i. Motion to adjourn by Jesus Gomez, 2nd by Jim Tippet.
 - 1. Adjournment time not recorded.