List of Attendees:

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steve Maranowski - Chairan</td>
<td>Spartan Specialty</td>
<td><a href="mailto:Steve@spartanspecialities.com">Steve@spartanspecialities.com</a></td>
</tr>
<tr>
<td>Chadi El Mohtar*</td>
<td>The University of Texas at Austin</td>
<td><a href="mailto:ElMohtar@mail.UTexas.edu">ElMohtar@mail.UTexas.edu</a></td>
</tr>
<tr>
<td>Justice Maswoswe</td>
<td>FHWA</td>
<td></td>
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<tr>
<td>Lisheng Shao</td>
<td>Hayward Baker Inc.</td>
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<tr>
<td>Thang Nguyen</td>
<td>Hayward Baker Inc.</td>
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<tr>
<td>Michael Byle</td>
<td>Tetra Tech Inc.</td>
<td></td>
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<tr>
<td>Steve Jaques</td>
<td>Moretrench</td>
<td><a href="mailto:sjaques@mtac.com">sjaques@mtac.com</a></td>
</tr>
<tr>
<td>Allen Cadden</td>
<td>Schnabel Engineering</td>
<td><a href="mailto:ACadden@shnabel-eng.com">ACadden@shnabel-eng.com</a></td>
</tr>
<tr>
<td>Harry Schnabel</td>
<td>Schnabel Foundation Co.</td>
<td><a href="mailto:hank@schnabel.com">hank@schnabel.com</a></td>
</tr>
<tr>
<td>Chu Ho (guest)</td>
<td>Arup-New York</td>
<td><a href="mailto:Chu.Ho@Arup.com">Chu.Ho@Arup.com</a></td>
</tr>
<tr>
<td>Theresa Rappaport</td>
<td>DFI</td>
<td><a href="mailto:trappaport@Dfi.org">trappaport@Dfi.org</a></td>
</tr>
<tr>
<td>Vernon Schafer</td>
<td>Iowa State</td>
<td></td>
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<tr>
<td>Rob Schweinfurth</td>
<td>Geo-Institute</td>
<td><a href="mailto:eschweinfurth@asce.org">eschweinfurth@asce.org</a></td>
</tr>
</tbody>
</table>

* recorded meeting minutes

Attending through phone:

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Paolo Gazzarrini</td>
</tr>
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</table>
1) Call to order
Chairperson Steve Maranowski call meeting to order at 8:15 pm

2) Welcoming comments and Introductions
Welcome comment by committee chair and introduction from attendance. Check attached table for complete list of attendees. One non-member guest attending meeting: Chu Ho from Arup-New York and one member joined through phone call: Paolo Gazzarrini

3) Committee sign in
Check attached table for committee sign in.

4) Motion to approve minutes from last meeting
Michael Byle noted an error in spelling of his name in the meeting minutes. The minutes were approved after correcting the spelling.

5) Agenda:
A) Membership roster
B) Active versus inactive

Steve Maranowski brought up the wide range of expertise and valuable members, however, not many are currently active in the committee. Many of these members have had significant contributions in the past and should remain part of the committee.

Multiple members brought up possibility of having different levels of “membership” in the committee where not everyone one would be counted as an active member but still have the opportunity to be involved and receive updates and minutes from the committee. Some other GI committees have a list of “friends of the committee” or “corresponding members”.

Chadi El Mohtar brought up option of keeping record of members’ participation in committee meetings as some other committees do. For a member to remain active, the member needs to attend at least one meeting (in person or by phone) ever 2 years (that 1 in every 4 meetings). Steve Maranowski checked the GI guidebook on member participation but didn’t find any particular wording. No decision was made on how to decide on member status.

Steve Maranowski will be sending out a participation form to join the committee. GI requires any applicant for committee membership to fill out this form. However, traditionally, the grouting committee has not required members to fill out this form. This could be a good measure to measure current members’ interest in continuing to be part of the committee.

Michael Byle brought up that the committee lack significant participation from younger members and raised the question on how to get more members involved? Should we use some of the funds to help support young members to travel? Multiple members commented on the topic and some were in favor of this but others were not.
Rob Schweinfurth mentioned that while the funds could be used to cover some travel expenses to the conference (traditionally been used for Chair and Secretary), GI has received very few applications for such requests in the recent years.

Steve Maranowski mentioned that he has not used any of the committee funds to cover his travels while being Chair.

Theresa Rappaport mentioned that the main problem with having younger members attend such meetings is the billable hours they will miss from work more than the cost of traveling (although that still pays a roll). This concern was echoed by multiple attendees.

Allen Cadden proposed doing more conference calls to make it more affordable for younger members to be more active and to get them more involved, maybe a conference call every few months that will get them “hooked”.

Theresa Rappaport asked about the remaining funds from DFI meeting. Steve Maranowski will follow up on the issue.

6) **Don Bruce: Specialty techniques for dam and levee remediation.**

   Book is now available. Check it out at the ASCE bookstore.

7) **Webinars**

   Allen Cadden, Rob Schweinfurth: ASCE Continuing Education Committee wants to have more webinars covering a broader range of topics. We need to plan ahead for the webinars as it takes time to get inline (maybe 4-6months??). If interested, contact Donna Gunenuk and Andrea Welker (chair of Continuing Education Committee). These webinars could be prerecorded and played on demand. Procedure to apply is simple: submit a simple proposal form/application with an abstract. The Continuing Education Committee either approves it directly or requests the appropriate committee to evaluate the proposal (all within few weeks). Once approved, you record the webinar and receive 1000$ (minus taxes). The webinars are advertised through ASCE email blast.

   Michael Byle reported that he already has a webinar scheduled for June 19th, 2014. The topic is: Introduction to grouting. Michael mentioned that the application was simple and was processed efficiently.

   Steve Maranowski mentioned potential for a webinar in collaboration with Texas A&M on permeation grouting but not confirmed yet.

   Paolo Gazzarrini asked about bringing back the short course by George Burke and Tom on jet grouting (through email after losing his phone call connection due to a snow storm).
8) **ICOG Meeting and coming GI meetings**

Donna Dickert (Acquisition editor, books, ASCE) joined the committee to discuss future publications by the committee and ASCE’s overall strategy about publications. Donna talked about the e-books, journals, subscription, on demand purchase, tailored subscriptions depending on company size. First step in publishing/planning for publishing is to talk to Helen cook, then talk to Donna about publication (something to think about for the ICOG in Hong Kong).

Donna mentioned that we have about 1-1.5 million hits to ASCE website with about 750K downloads a month.

There was a discussion from multiple members about the ASCE library and lack of efficiency in searching for articles and preferring to use Google search.

Michael Byle brought up issues with electronic versus paper subscriptions and losing access to older articles when switching from electronic to paper subscription. Donna provided contact information to resolve the issue.

Rob Schweinfurth discussed the new coming GI annual meetings and particularly the next couple of meetings that will be in collaboration with IFCEE and others (2015, San Antonio) and with SEI (2016, Pheonix!). Work is already started on the proposal for ICOG in February 2017 in Hong Kong.

2016 conference in combinations with ISE: All attending members felt that the this conference would provide a unique perspective in terms of the great work with do to rehabilitate and support structures and the committee should be very active in organizing sessions and have a strong presence. Chadi El Mohtar will take charge of getting ideas for session proposals and possible abstracts to submit to the organizing committee. An email will be sent out for all committee members soliciting ideas and will organize them into different sessions. The proposals will be due in October 2014 and we will have a much higher success rate if we have possible contributors/paper titles along with each session.

9) **Compaction grouting update**

The subcommittee in charge of updating the manual is almost done with its work and the updated manual will be submitted soon. Based on the discussions with Donna Dickert, the manual will be available electronically and will be part of the new ASCE e-library.
10) **Website**

Steve Maranowski is going to take charge of the website. Michael Byle brought up the possibility of piggyback on GI website. Allen Cadden and Rob Schweinfurth mentioned that the GI website might be too far out since we need to wait for the new ASCE website first. Rob mentioned that the new GI might be similar to the current one in terms of just membership, meetings minutes and not much more.

A motion was brought up to try to have our own website. Steve Maranowski mentioned that Jeff Geraci was paying for the old website of his pocket and we need to take over this as a committee. Thang Nguyen mentioned that Jeff is his officemate and volunteered to follow up with Jeff on possibility of obtaining the old files and reactivating the previous website.

11) **Groutline articles**

Paolo Gazzarrini mentioned that a good idea for members to remain active it to prepare articles to Grout line. Many of the attendees discussed people volunteering but not following up on it. Justice Maswoswe agreed to take charge of following up with volunteers to get the papers in on time and identify new candidates to write papers.

First paper in line will be written by Steve Jaques and will be ready by June, 2014. Grant Bearss will be next in line and Justice Maswoswe will follow up with both to make sure we stay on schedule.

12) **New Business**

Upcoming conferences: IFCEE in San Antonio March 17-21, 2015
Be active to get multiple sessions for 2016 conference in collaboration with SEI

DIGGS: A GI effort to provide a structure for recording geotechnical information and share it. It is in beta version. It will require all Geotechnical data be formatted in a standard way and can be connected to google maps. Diggs will be powerful when the DoTs and owners starts requesting data to be formatted in accordance with DIGGS. We need to think about how we want to define the grouting jobs and what parameters we are collecting.

Lisheng Shao asked if we will have different databases for different grouting methods? Will we need to include the raw data or engineering data? How about the precision/data collection frequency? How about some of the data that needs special software to analyze?

Allen Cadden mentioned that we can have different data structures for different grouting. The main idea is to have the data in a generalized format that will be compatible with different analysis techniques but not include the original analysis.
Michael Byle indicated that it would be easy to format the bore logs. The real challenge is the more detailed results from the grouting itself and how it varies depending on the equipment used. Vernon Schaefer replied that it is up to the committee to define the details of the data to include.

13) Adjourn
Next meeting is in October via conference call. More details will be sent out as we get closer.
Meeting adjourned by Steve Maranowski at 10:30pm

Grouting Committee Meeting minutes

prepared by
Chadi El Mohtar

reviewed by
Steve Maranowski