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DETROIT POST
DEDICATED TO THE NATIONAL DEFENSE

THE SOCIETY OF AMERICAN MILITARY ENGINEERS

P.O. Box 3026
Detroit, Michigan 48231-3026
(313) 226-6748 (Post Secretary)
(313) 226-2013 (Fax)

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Constance Boris, Ph.D.
(Past President)

JUNE 2009 SAME MEETING

TOPIC: Detroit River International Crossing Brine Well Cavity Investigation and Analysis

(Earn 1 Professional Development Hour)

SPONSOR: FutureNet Group

SPEAKER: Mr. Craig Johnson will provide a discussion on the geotechnical investigations for the new MDOT Bridge to Canada in Detroit, MI. The Detroit River International Crossing (DRIC) Study was a bi-national effort to complete the environmental study processes for the border crossing between Detroit, Michigan and Windsor, Ontario. NTH Consultants, Ltd. (NTH) was retained by The Corradino Group (who was the prime consultant to the Michigan Department of Transportation) to collect relevant geotechnical data for the project. Following an initial research effort of historical uses of land comprising several of the potential river crossings, NTH determined that there was a high risk that historical brine wells (and associated cavities) were present in the vicinity of the proposed bridge. A unique and precedent setting Brine Well Cavity Investigation program was then developed by NTH, which brought together a team of world-renowned experts in the fields of deep rock drilling, down-hole geophysical methods, cross-well seismic reflection, and rock mechanics. Ultimately, a cutting edge program of cross-well seismic reflection and tomography supplemented by reverse seismic profiling, and down-hole geophysical methods was conducted. A short biographical summary is included in the attached newsletter.

DATE: Wednesday, **June 10**, 2009

TIME: 11:30 am until 1:00 pm Luncheon/Luncheon Speaker

PLACE: **Doubletree Guest Suites Fort Shelby, 525 W. Lafayette Blvd., Detroit, MI**

(Fort Lernoult Conference Room – located on the second floor of the Doubletree)

MENU: **CITRUS CHICKEN** - chicken breast served with artichokes, leeks and capers in lemon buerre blanc, includes house salad, chef's choice of vegetable and potatoes, rolls and butter, freshly brewed coffee, decaffeinated coffee, iced tea and a dessert.

NOTE: Vegetarian meals are available only with advance registration.

PRICE: \$25.00

RESERVATIONS: E-mail Pam.Horner@usace.army.mil by noon June 8, 2009

BOARD OF DIRECTORS MEETING: Will be held at the Doubletree Fort Shelby, 10:30 a.m. Second Floor Conf. Rm., adjacent to the Fort Lernoult Conference Room.

SUSTAINING MEMBERS

A & H Contractors
Barr Engineering Co.
CTI and Associates, Inc.
Gourdie/Fraser & Assoc.
Lakeshore Engineering Services
MWH Americas, Inc.
SAIC
Superior Environmental Corp.
TriMatrix Laboratories
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DETROIT POST S.A.M.E. NEWSLETTER
JUNE 2009

DETROIT POST WEB SITE: Please note that the Detroit Post web site is: www.same-detroit.org. You can find out about current meetings, and past meeting information.

LOCAL ELECTION: Voting took place at the May meeting and the listing of the current Officers and Directors is provided below:

OFFICERS

POSITION	NAME	AFFILIATION
President	LTC James Davis	U.S. Army Corps of Engineers
1st Vice-President	Anne Parker	ADP Consulting
2nd Vice-President	Joe Wanielista	Tetra Tech
Secretary	Pam Horner	U.S. Army Corps of Engineers
Treasurer	Colette Luff	U.S. Army Corps of Engineers
Assistant Treasurer	Carl Woodruff	U.S. Army Corps of Engineers

DIRECTORS

NAME	TERM EXPIRATION	PHONE
Dianne Peck	2011	(313) 874-3910
Andrew Lonergan	2011	(248) 486-5100
Neal Gehring	2011	(313) 237-3915
Damien Wetzel	2011	(734) 262-1431
Harry Price	2012	(313) 237-3935
Sam Ansara	2012	(419)893-9759
Constance Boris, Ph.D. Past President	2010	(313) 418-0700

2009 REGIONAL CONFERENCE: The Detroit Post is pleased to announce that we are hosting the 2009 Regional Conference in Detroit, MI in 2009. The meeting is scheduled for August 11-13, 2009 at the Detroit Marriott Renaissance Center. The theme for the conference is: Building Beyond Tomorrow. Many exhibiting and sponsorship opportunities are still available. Many exhibit booths have already sold, however, many sponsorship opportunities are already available. The conference web page is: www.same-detroit.org/09regional.html and more details will be uploaded in the next few days, so check often. Please consider supporting the Detroit Post by exhibiting and sponsoring at the 2009 Regional Conference.

This is a reminder to register for the 2009 regional conference early so we can get all of our planning done in advance. You can register for the conference at www.regonline.com/689039.

We also wanted to let you know that we have a special guest attending our regional conference meeting in June, Mr. S.K. Nanda, the Regional Vice President.

ANNUAL GOLF OUTING – The annual golf outing fundraiser will be held during the 2009 Regional Conference. The date for the golf outing is August 11, 2009, and will be held at the Selfridge ANG Golf Course. We will have flyers out shortly for signing up for the event. Hole sponsorships are available for \$125 per hole. Please plan on attending, as this will be a special event combined with the 2009 regional attendees. You can register on-line for the golf outing at www.regonline.com/689039 if you are registering for the conference, just select golf when you get to that subpage.

STREAMER AWARDS - The Detroit Post is a "Distinguished Post", having received all 4 National SAME Streamers and two of the four streamers were received "With Distinction". Dr. Connie Boris received the Streamers on behalf of the Post in mid-May at the National SAME Conference in Salt Lake City. The Great Lakes Region, of which the Detroit Post is a member, received the "Distinguished Region" award and the Detroit Post received a pin for this award as well. The Detroit Post accomplishments for this past year were exceeded only by the Rock Island Post. These accomplishments would never have been achieved without the generous contributions of the members of the Detroit Post and Connie gratefully and sincerely thanks each of you.

READINESS COMMITTEE: The Readiness Committee has updated the Readiness Plan. If you are a new Sustaining Member to SAME – Detroit Post, please submit your capability for Readiness to Drew Lonergan so he can include your firm in our current plan. Drew can be reached at (248) 264-4015.

EDUCATION/TRAINING: The Detroit post encourages members and sustaining members to submit articles to The Military Engineer or other professional journals. Please let us know when you submit articles so that we can include it in our Education/Training Streamer submittal for the Detroit Post, by e-mailing the Post Secretary at pam.horner@usace.army.mil.

MEMBERSHIP: It is very important that you keep your membership contact information current. Without current contact information for our members, the Detroit Post and SAME HQ are unable to send out important membership information such as membership cards, certificates, magazines and invoices. Additionally, if SAME HQ does not have current information on members, the membership Post Roster reports will reflect outdated information and result in members not being contacted with important information. Currently, SAME HQ receives quite a bit of return mail and e-mail each month for incorrect addresses and/or no forwarding address. The U.S. Post Office charges a fee for returned mail and SAME HQ would prefer to put this money to better use.

You can update your contact information by using the change of address card found in every issue of *The Military Engineer* magazine, by mailing, faxing or e-mailing their change of address information to SAME HQ, or by going online to www.same.org/memberupdate. Keeping your contact information current benefits you and the entire Society.

Please be advised that presently the SAME Web site requires two different logins depending on the Web activity. For all members who wish to view "Member's Only" areas such as Society, Regional and Post Operations, and Member Benefits must use their last name and six-digit numeric member ID. Individual members, who wish to update their

contact information, must use the e-mail address we currently have on file for them and a unique password. If they do not know their password or have forgotten it, they can e-mail the membership department at member@same.org. Sustaining Members must use their last name, member ID and e-mail address in order to update their contact information using the web. If there is no e-mail on file in your membership records, you need to call SAME HQ membership department and have then input your e-mail.

Much effort is required to address undeliverable mail and we greatly appreciate your assistance in updating your contact information to make this job easier.

COMMITTEES:

PROFESSIONAL DEVELOPMENT: The Detroit Post offers Professional Development Hour (PDH) credits for attendance at designated SAME events. The Professional Development Committee will maintain records and track PDH credits earned by attendees at Post events. PDH certificates will be provided at the monthly luncheons meetings.

AFFILIATE SOCIETY: PLEASE VISIT THE ESD CALENDAR OF EVENTS FOR SCHEDULED EVENTS (www.esd.org)

SPEAKER BIO: Craig Johnson Graduated for Michigan Technological University in 2000, with a B.S. in Geological Engineering. He is the technical lead at NTH for Geophysical Engineering Services, with expertise including ground penetrating radar, electromagnetic surveys, multi channel surface wave investigations, and cross well seismic tomography. He is active in the Michigan Basin Geological Society and the Society of Exploration Geophysists. He was the project Engineer and geophysist for the DRIC Brine Well Investigation and analysis, and has served in a similar capacity for many large geophysical investigations throughout the Midwest.

SUSTAINING MEMBER NEWS

Hello SAME Sustaining Members,

Monthly Sponsors – The Detroit Post invites one of our members to sponsor the monthly luncheon. The cost is \$300.00, which will pay for the room and equipment rental. You will also be given a 5-minute spotlight to present an overview of your company. Please contact Pam Horner is interested in sponsoring a monthly luncheon at pam.horner@usace.army.mil.