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DETROIT POST  
DEDICATED TO THE NATIONAL DEFENSE

THE SOCIETY OF AMERICAN MILITARY ENGINEERS  
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## SEPTEMBER 2007 SAME MEETING

### EVOLVING CODIFICATION OF BRIDGE SAFETY

(Earn 1 Profession Development Hour)

**SPEAKER:** Vincent Guadagni, P.E., NTH Consultants, will discuss a short history of how bridge inspections became mandatory and how it has evolved. Typically these endeavors came about as a result of failures. Since most of the failure risk comes from fracture critical structures, Mr. Guadagni will define what this is and identify structures that fit into this category, typically steel structures. Changes in the standards starting in the mid 1970's has decreased the risk of failures to bridges built since then. The new LRFD code also addresses this issue. The additional cost to inspect fracture critical structures will also be addressed.

**DATE:** Wednesday, September 12, 2007

**TIME:** 11:30 am until 1:00 pm

**PLACE:** Detroit Club, 712 Cass Ave., Detroit, MI

**MENU:** Chicken Piccata – boneless chicken breast, lightly battered and sautéed in a lemon wine butter sauce topped with artichoke and citrus gremolata, dinner rolls, coffee and tea.

**PRICE:** \$22.00

**BOARD OF DIRECTORS MEETING:** Will be held at the Detroit Club at 10:30 a.m.

#### SUSTAINING MEMBERS

ADP Consulting, Inc.  
Bayshore Contractors, LLC  
Duro-Last Roofing, Inc.  
GZA GeoEnvironmental, Inc.  
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Materials Testing Consultants  
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SOMAT Engineering, Inc.  
Trace Analytical Laboratories  
Wade-Trim

**DETROIT POST S.A.M.E. NEWSLETTER**  
**SEPTEMBER 2007**

**UPDATE - DETROIT POST WEB SITE:** Please note that the Detroit Post has a new web site: [www.same-detroit.org](http://www.same-detroit.org). Please check the web site monthly for meeting announcements and monthly newsletters. Sponsored by: Futurenet Group.

**POST GOALS:** The Detroit Post earns streamer awards each year. There are several requirements under streamer awards. The Detroit Post can always use volunteers to help us achieve these goals. In addition, many Post members probably already participate in several of these activities and if this information is shared with the Post Board, then the Detroit Post can get credit for your participation. Following is a list of streamer requirements that we need volunteers for:

- Provide mentoring activities for K-12 including but not limited to science fairs, Learning for Life, Mathcounts.
- Provide mentoring program for engineering students in college.
- Conduct community service projects.
- Host events to facilitate networking opportunities between SAME and other professional societies and other government organizations, or other organizations relevant to local Post members.
- Support the Academy of Fellows and Society Councils.
- Establish Post Awards Program
- Operate Post Committee on Readiness and Homeland Security
- Establish and maintain an active Readiness and Homeland Security Committee with regular meetings and participate in community capabilities meetings for emergencies

If you wish to help set up these programs, or already participate in similar programs, please contact the Post Secretary for further information: [pam.horner@usace.army.mil](mailto:pam.horner@usace.army.mil).

**GOLF OUTING** – This year's golf outing fundraiser was held at the Fox Creek Golf Course, Livonia, MI on July 19, 2007. The event was very successful with over 90 golfers and many sponsors. Thanks everyone for participating.

**MEMBERSHIP DRIVE:** The Membership Committee is hosting a GOVERNMENT EMPLOYEE MEMBERSHIP DRIVE.

The Detroit Post is interested in increasing membership of metro Detroit government employees, including the Corps of Engineers, TACOM, and Selfridge ANG to allow government entities to interact and participate with our organization. Therefore, we are hosting a membership drive at reduced rates to government employees through December 2007. The Detroit Post SAME invites government employees to a reduced 1 year membership rate of \$25.00.

The Detroit Post is planning to meet occasionally throughout the year at TACOM and Selfridge ANG bases to give those government employees the opportunity to interact with Post activities on a regular basis. The regular luncheon meetings will continue to be held in downtown Detroit.

In addition to a reduced membership rate, the Detroit Post is also offering government employees a reduced luncheon cost of \$10.00 through December 2007. Government employees who are not SAME Members are welcome to the SAME Luncheon reduced rate once per calendar year. Additional luncheon attendance will require full payment (unless you become a SAME Member).

There are many benefits being a SAME member, including the following:

- Promote and facilitate engineering support for national security
- Build and enhance relationships and competencies among uniformed services, public and private sector engineers and related professionals

- Stay on top of developments in the AE field including contracting, design, environment and emerging technologies
- Participate with other organizations such as ESD, MSPE, ACE
- Earn continuing education credits at monthly luncheons and annual meetings
- Participate in activities that support our Education Award Fund
- Mentor Young Members

If you are interested in joining during our government employee membership drive, please contact Pam Horner, Post Secretary, for further details ([pam.horner@usace.army.mil](mailto: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](http://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](mailto: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. At the end of the program year, credits will be documented. If you need a copy of your credits, please contact the chairperson, Mr. Scott Bell. If you have any questions, feel free to contact Mr. Bell at (734) 332-1200 or by e-mail at [sbell@limno.com](mailto:sbell@limno.com).

**AFFILIATE SOCIETY:** PLEASE VISIT THE ESD CALENDAR OF EVENTS FOR SCHEDULED EVENTS ([www.esd.org](http://www.esd.org))

**SPEAKER BIO:** Vincent D. Guadagni, PE spent 12 years in Los Angeles working for the L.A. Dept. of Public Works. The first 10 years he worked mainly on structural analysis and design of flood control structures. The last 2 years for the LADPW he was involved with Bridge Seismic Retrofit Design. Since moving back to Michigan in 1998, Mr. Guadagni began working on Bridge Design, Rehabilitation and Inspection, mainly on MDOT projects. He has performed over 300 biennial bridge inspections and over 150 bridge scopings, a more in-depth inspection and reporting program, for MDOT and other local agencies. Mr. Guadagni earned a Bachelors in Engineering from Vanderbilt University in 1985. Mr. Guadagni also has a PE License in Michigan, Ohio and California.

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**SUSTAINING MEMBER NEWS**

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Hello SAME Sustaining Members,

Monthly Sponsors - I am sending an invitation for one of our members to sponsor the monthly luncheon. The cost is \$200.00, 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. I will be periodically sending a list of speakers and the topics to facilitate sponsorships ahead of time, so we can give your company the recognition in the newsletter. Please contact me at 419.944.4591 (cell) with any questions or sponsorship commitment.

Anne Parker, Chairperson  
Sustaining Member Committee