



### **Southeast Michigan Branch**

*The Official Newsletter of the American Society of Civil Engineers SE MI Branch –February 2010*

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#### **Dear ASCE Southeast Michigan Branch members:**

Happy Mid-Winter! I don't care what the groundhog says, hopefully only 1 more month till spring, I can't golf in snow. February and March are exciting times for ASCE with many technical programs and events.

The first event of February has already occurred, on Feb 8<sup>th</sup> the Legislative Affairs session. We had good attendance (over 45 people) and an excellent program headlined by State Representative Pam Byrnes.

The next upcoming program is the Annual Student Night event at LTU on February 23<sup>rd</sup>. After the Student Night event, on the same evening will be the CYM meeting. That CYM meeting will be held at Shield's in Southfield. March 4<sup>th</sup> will bring a Project Management program on the recently constructed football practice facility at Eastern Michigan University. On March 9<sup>th</sup> there will be a Transportation Committee technical program on lime stabilization of soils. The Geotechnical Committee will have a program on March 31<sup>st</sup>. It will be on the Dearborn Contract # 7 CSO project. The session will include a site tour, so bring your hardhat and boots. Finally CYM will close out March with their monthly meeting also

on the 31<sup>st</sup> at an old favorite of CYM, Woody's in Royal Oak.

Engineer's Without Borders (EWB) next meeting will be on March 18<sup>th</sup>. Their February meeting has been cancelled due to a schedule conflict. The meeting is held at the Engineering Society of Detroit's (ESD) offices in Southfield. The meeting begins at 6 p.m.

*Reminder:* This newsletter is now distributed entirely by email, so please remember to update your email address if it has changed, or will soon be changing.

#### **Award Applications**

It is that time of the year again. ASCE Southeast Branch is seeking nominations for the following four categories

- a. Outstanding Project of the Year Award
- b. Quality of Life Project of the Year Award
- c. Civil Engineer of the Year (Frank Meyers Award)
- d. Young Civil Engineer of the Year Award

Applications for the awards above are attached to this newsletter. Responses are due by March 31<sup>st</sup> to Past President Matt Bacon (see the applications for his contact information).

### **Board Meetings**

Monthly Board meetings now take place the first Wednesday of each month. As always, everyone is welcome to attend the Board's monthly meetings to discuss ideas and get involved in the Branch. Board meetings begin at 7 am at Nello's in Royal Oak. Nello's is located at the Southeast corner of Woodward Avenue and Lincoln Street. The March meeting will be on the 3rd.

### **Notice:**

The ASCE Southeastern Branch board has found a volunteer to chair the History & Heritage Committee. We look forward to a program in the near future.

### **Branch E-Mail / Website / Newsletter Info**

Please continue to update your email address with your current President-Elect. The branch website is now actively updated monthly and can be found at [www.ascsesoutheast.org](http://www.ascsesoutheast.org).

The Southeast Branch of the American Society of civil engineers publishes the Branch Newsletter monthly. Please contact Kent Early via email at [kent.early@ohm-advisors.com](mailto:kent.early@ohm-advisors.com), with questions on placing information in the newsletter, changes in email address and for any suggestions or comments. Thank you.

**SEE BELOW FOR  
SOUTHEAST BRANCH  
DATES TO REMEMBER AND  
UPCOMING PROGRAM  
INFO!**

Engineer's Without Borders meeting originally scheduled for February 18<sup>th</sup> has been cancelled

Student Night (at LTU)  
(See attached flyer) February 23

CYM Meeting  
Shields in Southfield February 23

Branch Board Meeting March 3

Project Management  
Program – EMU Practice  
Facility (See attached flyer) March 4

Transportation Program-  
Treating Soil with Lime  
(See attached flyer) March 9

Engineer's Without Borders  
meeting at 6 p.m. (ESD  
offices in Southfield) March 18

Geotechnical Program-  
Dearborn CSO  
Contract # 7 March 31

CYM Meeting  
Woody's in Royal Oak March 31

SE Branch Annual Meeting-  
Book Cadillac May 8

15<sup>th</sup> Annual CYM Golf Outing  
(Greystone Golf Course) June 2010

CYM Tiger Game Night Summer 2010



**THIRTY-THIRD ANNUAL STUDENT NIGHT  
AT  
LAWRENCE TECH UNIVERSITY**

**Presentation:** Following a social reception and exhibits by engineering firms from around Southeastern Michigan, dinner will be served in the Wayne Buell Building.

The evening's events will include the Committee for Younger Members' Resume Raffle, Student Scholarship award, and the traditional Student Night rendition of Civil Engineering Jeopardy.

**Date:** Tuesday, February 23, 2010

**Location:** Lawrence Tech University  
Wayne Buell Building  
Southfield, Michigan

**Agenda:** 5:00 pm – Reception and Exhibits  
7:00 pm – Dinner  
8:00 pm – CYM Raffle Drawing and Scholarship Award  
8:15 pm – Engineering Jeopardy, hosted by Kevin Olmstead

**Awards:** Three \$50 Resume Raffles  
Student Scholarship Award

**Cost:** \$30 per member for dinner (prepaid)  
\$150 per corporate exhibit (prepaid and includes one dinner)  
\$10 per student

**Please Submit Your Registration by February 13, 2010**

If you will require a vegetarian dish for dinner, please notify us at the time you make your reservations. If you have questions, please contact Dana Suggitt at (248) 844-5400 or dsuggitt@sda-eng.com

**Mail checks to:** Spalding DeDecker Associates, Inc.  
905 South Blvd. East  
Rochester Hills, MI 48307  
Attn: Dana Suggitt

**Please Make Check Payable to Southeastern Michigan Branch ASCE**



# THIRTY-THIRD ANNUAL ASCE STUDENT NIGHT

**DATE:** Tuesday, February 23, 2010

**PLACE:** Lawrence Tech University  
Wayne Buell Building  
Southfield, Michigan

**TIME:** 5:00 p.m. to 7:00 p.m. Reception and Exhibits  
7:00 p.m. to 8:00 p.m. Dinner  
8:00 p.m. to 8:15 p.m. CYM Resume Raffle Drawing/Scholarship Award  
8:15 p.m. to 9:00 p.m. Engineering Jeopardy

**DINNER** Members: \$30.00  
Students: \$10.00

**EXHIBITS:** Donation of \$150.00 (includes one dinner)

**PAYMENT:** Make checks payable to Southeastern Michigan Branch ASCE

**CONTACT:** Dana Suggitt  
Spalding DeDecker Associates, Inc.  
905 South Blvd. East  
Rochester Hills, Michigan 48307  
Ph: (248) 844-5400  
Fx: (248) 844-5404  
Email: dsuggitt@sda-eng.com

- Yes, we wish to exhibit at the 33<sup>rd</sup> Annual Student Night.  
Enclosed is our check for \$150.00.
- We will be sending \_\_\_\_\_ additional people to attend the dinner.  
Enclosed is our check for \$\_\_\_\_\_ (no. people X \$30.00).
- We are unable to exhibit, but please accept our donation \$\_\_\_\_\_
- Thank you for the invitation, however we are unable to assist you this year.  
Please consider us for future Student Night programs.

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➤ ➤ *All exhibitors and contributors will be listed in the event program.* ⏪ ⏪

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Firm: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**Your response is requested by February 13, 2010**

## Lawrence Technological University - Driving Directions

### From the Southwest and Detroit Metro Airport:

Follow I-94 East to the northbound Southfield Freeway (M-39). Exit onto northbound M-10 (Northwestern Highway/Lodge Freeway). Proceed north and exit at Ten Mile Road/Evergreen Road. Take the Northwestern Highway Service Drive to Ten Mile Road. Turn left onto Ten Mile Road. The campus entrance is on the right.

### From the West and Ann Arbor (via I-94 and M-14):

Follow I-94 East to eastbound M-14. Continue on M-14 to northbound I-275. Take I-275 North to I-696 East. Proceed east on I-696 to southbound M-10 (Northwestern Highway/Lodge Freeway). Exit at Ten Mile Road/Evergreen Road. Turn right onto Ten Mile Road. The campus entrance is on the right.

### From the Northwest and Lansing (via I-96 and I-696):

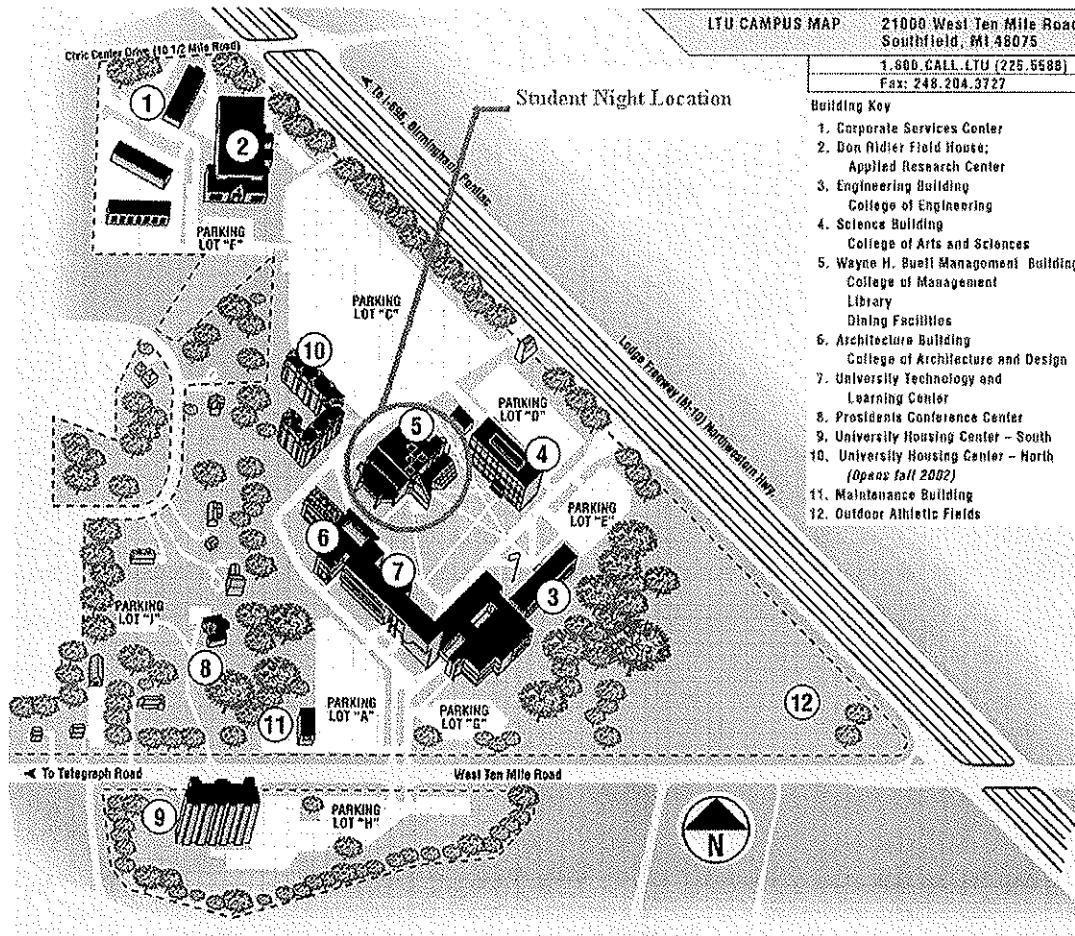
Follow I-96 East to I-696. Proceed east on I-696 to southbound M-10 (Northwestern Highway/Lodge Freeway). Exit at Ten Mile Road/Evergreen Road. Turn right onto Ten Mile Road. The campus entrance is on the right.

### From the North (via I-75):

Follow I-75 South to I-696 West. Proceed west on I-696. Exit at Evergreen Road. Turn left onto Evergreen Road and proceed south one mile to Ten Mile Rd. Turn right onto Ten Mile Road. The campus entrance is on the right.

### From the East (via I-696):

Follow I-696 West. Exit at Evergreen Road. Turn left onto Evergreen Road and proceed south one mile to Ten Mile Road. Turn right onto Ten Mile Road. The campus entrance is on the right.



**PRESIDENT**

Jesse VanDeCreek, P.E.  
586-569-5000  
586-569-0119 (fax)  
[jvandecreek@hrc-engr.com](mailto:jvandecreek@hrc-engr.com)

**PRESIDENT-ELECT**

Kent Early, P.E.  
734-522-6711  
734-522-6427 (fax)  
[kent.early@ohm-advisors.com](mailto:kent.early@ohm-advisors.com)

**SECRETARY**

David Potter, P.E.  
248-844-5400  
248-844-5404 (fax)  
[dpotter@sda-eng.com](mailto:dpotter@sda-eng.com)

**TREASURER**

Jacob Rushlow, P.E.  
734-522-6711  
734-522-6427 (fax)  
[jacob.rushlow@ohm-advisors.com](mailto:jacob.rushlow@ohm-advisors.com)

**IMM. PAST-PRESIDENT**

Matt Bacon, P.E., LEED AP  
248-553-9449  
248-553-9571 (fax)  
[matthew\\_bacon@urscorp.com](mailto:matthew_bacon@urscorp.com)

**DIRECTORS**

**Member Services**

Brad Shepler, P.E., LEED AP  
248-454-6300  
248-454-6359 (fax)  
[bshepler@hrc-engr.com](mailto:bshepler@hrc-engr.com)

**Professional Activities**

Evans Bantios, P.E.  
313-237-3900  
313-237-3909  
[ebantios@nthconsultants.com](mailto:ebantios@nthconsultants.com)

**Technical Activities**

Jason Stoops, P.E.  
248-680-0400  
248-680-9745 (fax)  
[jstoops@g2consultinggroup.com](mailto:jstoops@g2consultinggroup.com)

**Branch Website**

<http://www.ascesoutheast.org>

**ASCE SOUTHEASTERN BRANCH  
PROJECT MANAGEMENT COMMITTEE  
PRESENTS PROJECT:**

**EMU AIR SUPPORTED PRACTICE STRUCTURE**

**BY: BOB SANDERS, MIKE CARLSTEDT  
AND DAVID KELLY, P.E.**

**Presentation:**

Bob Sanders, Mike Carlstedt and David Kelly will present and overview of the Eastern Michigan University Air Supported Practice Structure. When complete, this 86,000 gsf design-build project will be the indoor home of the Eagles football program. The scope of work consists of new construction of the air-supported dome (410' x 210' x 75'), indoor field-turf, adjacent Welcome Center and Restroom Facility, new incoming utilities, adjacent parking lot and miscellaneous landscaping. Bob, Mike and Dave will provide an overview of the project, its unique engineering features, as well as the design & construction challenges.

**Date:** Thursday March 4, 2010

**Location:**

Project Site Tour  
Eastern Michigan University  
150 Westview  
Ypsilanti, MI 48197

Presentation and Dinner

Easter Michigan University Student Center  
900 Oakwood St.  
Ypsilanti, MI 48197

**Agenda:**

4:00 – Project site tour and review at project site  
5:15 – Dinner buffet Presentation at Student Center

**Cost:**

\$25.00 per person  
Includes buffet dinner of grilled chicken breast with 2 sides, dessert, coffee and pop

**Reservations:**

Contact Dann McDonald  
Phone: 313 596 0515  
Email: [dmcDonald@tcco.com](mailto:dmcDonald@tcco.com)



Southeastern Branch  
Michigan Section



**AMERICAN SOCIETY OF CIVIL ENGINEERS  
TRANSPORTATION COMMITTEE  
AND  
WOMEN'S TRANSPORTATION SEMINAR**

**PRESENTS:  
Treating Soil with Lime**

**Presented By:**

**Carmeuse Lime and Stone Company**

**PRESIDENT**  
Jesse VanDeCreek, P.E.  
586-569-5000  
586-569-0119 (fax)  
[jvandecreek@hrc-engr.com](mailto:jvandecreek@hrc-engr.com)

**PRESIDENT-ELECT**  
Kent Early, P.E.  
734-522-6711  
734-522-6427 (fax)  
[kent.early@ohm-advisors.com](mailto:kent.early@ohm-advisors.com)

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[dpotter@sda-eng.com](mailto:dpotter@sda-eng.com)

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**IMM. PAST-PRESIDENT**  
Matt Bacon, P.E., LEED AP  
248- 553-9449  
248- 553-9571 (fax)  
[matthew\\_bacon@urscorp.com](mailto:matthew_bacon@urscorp.com)

**DIRECTORS**  
**Member Services**  
Brad Shepler, P.E., LEED AP  
248-454-6300  
248-454-6359 (fax)  
[bshepler@hrc-engr.com](mailto:bshepler@hrc-engr.com)

**Professional Activities**  
Evans Bantios, P.E.  
313-237-3900  
313-237-3909  
[ebantios@anthconsultants.com](mailto:ebantios@anthconsultants.com)

**Technical Activities**  
Jason Stoops, P.E.  
248-680-0400  
248-680-9745 (fax)  
[jstoops@g2consultinggroup.com](mailto:jstoops@g2consultinggroup.com)

**Branch Website**  
<http://www.ascesoutheast.org>

This 2-3 hour presentation is directed to engineers who work on road construction and land development projects. The workshop will concentrate how lime can keep your construction projects on schedule even during the early wet-weather season, resulting in faster construction and significant cost savings. Through a combination of demonstrations and presentations from local stabilization specialists, you will also gain valuable knowledge on how using lime can result in soil drying, reduced soil plasticity, improved workability and long term strength gains. Lab testing procedures will also be discussed. Professional Development Hours (PDH) will be provided.

- Date:** Tuesday, March 9<sup>th</sup>, 2010
- Place:** **Crowne Plaza - Detroit Metro Airport**  
8000 Merriman Road  
Romulus, Michigan  
734-729-2600
- Agenda:**
  - 8:00 am – 8:30 am..... Full buffet breakfast
  - 8:30 am – 10:30 am..... Soil treatment workshop
  - 10:30 am – 11:00 am..... Network with the workshop hosts and other attendees
- Cost:** This is FREE Workshop – NO COST FOR THIS EVENT
- R.S.V.P** at [www.Carmeuseusa.com](http://www.Carmeuseusa.com) or by phone 412-777-0713  
Please register early due to Limited Seating

**ASCE**  
**Southeast Michigan Branch**

**Franklin D. Meyers, P.E.**  
**Outstanding Civil Engineer of the Year Award**

This award is to recognize the members of the Branch for their continuing and active service to the branch and the profession. The person, or persons nominated should be *active* members of the ASCE Southeast Branch of the Michigan Section and has met the guidelines listed below:

- An individual or group of individuals may submit nominations. All candidates must be nominated through the ASCE SE Branch.
- A narrative describing the member's professional service and service to the Southeast MI Branch shall be provided (as applicable). Information should be as complete and accurate as possible.
- The candidate civil engineer must be living at the time of his/her nomination and should be an active member of the Southeast Branch of the Michigan Section to be eligible for the award.
- Active members of the Board of Directors shall not be eligible for the award.
- A civil engineer who has moved out of state (or the country) may still be nominated for service during his/her residency in the Southeast Branch.
- A color slide or .jpg computer file of each nominee would be appreciated for use at the awards dinner press release.

**In order to be eligible for the Michigan Section Awards, nominations must first be submitted to the SE Branch. Award nominations must be received by March 31, 2010**

Send award nomination information to:

Matt Bacon, P.E.  
Southeast Branch Awards Committee Chairman  
URS Corporation  
27777 Franklin Road, Suite 2000  
Southfield, MI 48034

Phone: 248.204.5900  
e-mail: matthew\_bacon@urscorp.com

**ASCE**  
**Southeast Michigan Branch**

**Outstanding Civil Engineering Project of the Year Award**

This award is to recognize a project that has demonstrated, through the design, coordination and execution of the construction, the highest level of engineering skill and that represents the greatest contribution to civil engineering progress. The project nominated should be a completed project within the area of the Southeast Branch and has met the guidelines listed below:

- The project must be completed and put into service or be ready for use. Phased projects may be submitted upon completion of a particular phase or segment. It is that phase or segment that must meet these guidelines.
- No project or project segment may be re-nominated after receiving an award.
- Information that is provided should be as complete and accurate as possible.
- Information submitted should clearly state the services each project participant provided.
- The project must clearly feature some aspect of civil engineering as a primary component of the project.
- The project should demonstrate use of innovations in materials, technology or construction methods.
- Resourcefulness in planning and in the solution of design problems should be evident.
- The project should contribute to the well being of people and communities.
- Each project's potentially adverse effects on society and the environment should also be considered.
- Either the project or the headquarters of the prime design or construction firm must be located in Michigan.
- A color slide or .jpg computer file of each nominee would be appreciated for use at the awards dinner and press release.

**In order to be eligible for the Michigan Section Awards, nominations must first be submitted to the SE Branch. Award nominations must be received by March 31, 2010**

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**ASCE**  
**Quality of Life Project of the Year Award**

*"Engineers shall hold paramount the safety, health and welfare of the public and shall strive to comply with the principles of sustainable development in the performance of their professional duties."*

-Canon 1 of the ASCE's Code of Ethics

This award is to recognize a project for the improvement of the quality of life that has demonstrated through the design, coordination, and execution of the construction, the highest level of engineering skill. The project nominated should be a completed project within the area of the Southeast Branch that has met the guidelines listed below:

- The project must be completed and put into service or be ready for use. Phased projects may be submitted upon completion of a particular phase or segment. It is that phase of segment that must meet these guidelines.
- No project or project segment may be re-nominated after receiving an award.
- Information submitted should clearly state the services each project participant/firm provided and be as complete and accurate as possible.
- Emphasis will be on small community or private projects.
- The project should demonstrate use of sustainable site design concepts and clearly describe them with their resultant positive impact on the environment, natural resources, habitat, system flows/demand, etc.
- The project must advocate economic approaches that recognize natural resources and our environment as capital assets.
- Promote multidisciplinary, whole system, integrated and multi-objective goals in all phases of project planning, design, construction, operations, and decommissioning.
- The project may consider reduction of vulnerability to natural, accidental, and willful hazards to be part of sustainable development.
- The project should contribute to the well being of people and communities.
- Each project's affect (positive/negative) on society and the environment must be considered.
- Either the project or the headquarters of the prime design or construction firm must be located in Michigan.
- A color slide or .jpg computer file of each nominee would be appreciated for use at the awards dinner press release.

**In order to be eligible for the Michigan Section Awards, nominations must first be submitted to the SE Branch. Award nominations must be received by March 31, 2010**

Send award nomination information to:

Matt Bacon, P.E.  
Southeast Branch Awards Committee Chairman  
URS Corporation  
27777 Franklin Road, Suite 2000  
Southfield, MI 48034

Phone: 248.204.5900  
e-mail: matthew\_bacon@urscorp.com

**ASCE**  
**Southeast Michigan Branch**

**Young Civil Engineer of the Year Award**

This award is to recognize the younger members of the Branch for their continuing and active service to the branch and the profession. The person, or persons nominated should be active members of the ASCE Southeast Branch of the Michigan Section and meet the guidelines listed below:

- An individual or group of individuals may submit nominations. All candidates must be nominated through the ASCE SE Branch.
- A narrative describing the member's professional service and service to the Southeast MI Branch shall be provided (as applicable). Information should be as complete and accurate as possible.
- The candidate civil engineer must be living at the time of his/her nomination and should be an active member of the Southeast Branch of the Michigan Section to be eligible for the award.
- A civil engineer who has moved out of state (or the country) may still be nominated for service during his/her residency in the Southeast Branch.
- Active members of the Board of Directors shall not be eligible for the award.
- The candidate shall be 35 years of age or less as of the date of the Annual Meeting (May 8, 2010)
- A color slide or .jpg computer file of each nominee would be appreciated for use at the awards dinner press release.

**In order to be eligible for the Michigan Section Awards, nominations must first be submitted to the SE Branch. Award nominations must be received by March 31, 2010**

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