



American Society of Civil Engineers

Southeast Michigan Branch

The Official Newsletter of the American Society of Civil Engineers SE MI Branch – January 2007



Dear ASCE Southeast Michigan Branch members:

Here's to a happy and prosperous new year for Michigan civil engineers in 2007! As we begin the New Year, we hope everyone will take some time to reflect on 2006 and consider nominating a peer or co-worker for our annual SE Branch awards. Attached to the end of this month's newsletter is the information needed to submit someone's name or project for consideration in one of the following awards: Young Civil Engineer of the Year Award, the Franklin D. Meyers Outstanding Civil Engineer of the Year Award, the Outstanding Civil Engineering Project of the Year Award, and the Quality of Life Project of the Year Award.

**Nominations must be received by
March 22, 2007!**

Some new programs have been added for the month of February which include the 7-mile long *Upper Rouge Tunnel* project. Our Legislative Affairs Committee has also asked James Cavanaugh to speak to our membership on his lobbying effort in Lansing on behalf of civil engineers. We hope to see many of you at one or both of these lunch hour meetings in the coming month. Be sure to stop and say hello.

Last but not least is our Branch's Annual Student Night which will reach a 30-year milestone next month. The CYM does a great job with this event each year and is a great opportunity for civil engineers to help our local students prepare for the real world - regardless of whether their firm is currently in a position to hire.

Looking back on what was probably the 17th Student Night, I recall sitting at a table with my fellow MSU students and a pile of resumes. I also remember a certain MSU grad from NTH who was kind enough to sit at our table and spend some time talking with us – and he's now our SE Branch President. Thanks Fritz!

Reminder: This newsletter is now distributed entirely by email, so please remember to update your email address with us if it is about to change. Please feel free to send me notification of your new email address as editor of this year's newsletter and President Elect - John Dell'Isola, PE. (jdellisola@spaldingdedecker.com).

Board Meetings

As always, everyone is welcome to attend the Board's monthly meetings to discuss ideas and get involved in the Branch. If you are interested, the next meeting will be held on February 1, 2007 at Nello's in Royal Oak.

CYM Corner

Jacob Rushlow, P.E., CYM President

The Committee on Younger Members is making preparations for the 30th annual Student Night aimed at benefiting college students from our local southeast Michigan universities. The event is scheduled for February 21st and is being hosted by Lawrence Technological University. Look for more information in the event flyer found in this newsletter. Applications are now being accepted for the 7th annual Student Scholarship Competition which will be awarded during Student Night. The purpose of this \$1000 scholarship is to support civil engineering students who have demonstrated an interest in the American Society of Civil Engineers (ASCE) and the advancement of the civil engineering profession. Look for more information about the scholarship competition on the forms included with this newsletter.

CYM has two events with the Boy Scouts scheduled as part of our Outreach Program, which is planned to help scouts earn their engineering badges. January 23rd we are participating in a tour of the Baer facilities in Troy including their wind tunnel and sound proofing rooms. February 5th will be an event about bridges and engineering which will include CYM members discussing different types of engineering and construction of a simple suspension bridge model. If you'd like to participate in either event, please contact Beth Kilbourne for more information at BKilbourne@spaldingdedecker.com

The next CYM meeting will be held on January 24th at Sneakers in Ferndale. As always, ASCE members and Student Chapters are welcome to attend.

If you are interested in more about what CYM does or are thinking about getting involved yourself, check out the website at <http://www.ascesoutheast.org/cym/cym.htm>.

Ever been to a movie premiere?

It's lots of fun, and this one is free! The movie "Pete: Moving Manmade Mountains" is the story of a man that has achieved great success as an inventor and engineer, without the formal education that is a prerequisite today. This film celebrates the life and achievements of Peter D. Friesen, mover of America's most treasured historic structures, including the Cape Hatteras Lighthouse, for which Pete and his team received ASCE's OPAL award. Pete Friesen is also the recipient of four Guinness Book of World Records, including the 1997 move of the beautiful Gem Theatre, a wonderfully appropriate venue for this premiere. Meet Pete Friesen and celebrate engineering excellence with this movie. Please see the attached program flyer for more info.

Branch E-Mail / Website / Newsletter Info

Please continue to update you email address with your current President-Elect.

The branch website is updated monthly and can be found at www.ascesoutheast.org .

The Southeast Branch of the American Society of civil engineers publishes the Branch Newsletter monthly. Please contact John Dell'Isola, with questions on placing information in the newsletter and for any suggestions or comments. Thank you. jdellisola@spaldingdedecker.com .

**SEE THE FOLLOWING
PAGES FOR SE BRANCH
DATES TO REMEMBER
AND UPCOMING
PROGRAM INFO!**

Dates to Remember

January CYM Meeting (Sneakers, Ferndale)	January 24, 2007
February SE Michigan Branch Board Meeting (Nello's, Royal Oak)	February 1, 2007
13 th Annual Student Night (Lawrence Tech University, Southfield)	February 21, 2007
Legislative Affairs Program (Marinelli's, Madison Heights)	February 22, 2007
Geotechnical Program on the Upper Rouge project (TBD) (Hilton Garden Inn, Downtown Detroit)	February 28, 2007
SE Michigan Branch Annual Meeting (Meadowbrook Hall)	May 5, 2007
CYM Golf Outing (Greystone Golf Course, Romeo)	June 21, 2007



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Southeastern Branch
Michigan Section



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Branch Website

<http://www.ascsesoutheast.org>

**THIRTIETH ANNUAL STUDENT NIGHT
AT
LAWRENCE TECHNOLOGICAL UNIVERSITY**

Presentation: Following a social reception and exhibits by engineering firms from around Southeastern Michigan, dinner will be served in the Buell Building. The 2007 Student Scholarship will be awarded after dinner followed by a special engineering presentation. The evening's events will conclude with the traditional Student Night rendition of Civil Engineering Jeopardy.

Date: Wednesday, February 21, 2007

Location: Lawrence Technological University
Buell Building
Southfield, Michigan

Agenda:
5:00 pm – Reception and Exhibits
7:00 pm – Dinner
8:00 pm – Committee for Younger Members Raffle Drawing/Scholarship
8:15 pm – ASCE Region Governor: Steve Chizek
8:20 pm – Engineering Presentation
8:50 pm – Engineering Jeopardy, hosted by Kevin Olmstead
9:20 pm – Announcements/Conclusions

Awards: Three \$50 Resume Raffle
Student Scholarship Award

Cost: \$30 per member for dinner (prepaid) - Register by January 27, 2006
\$130 per corporate exhibit (prepaid and includes one dinner)
\$10 per student

Since we anticipate this being a highly attended event, reservations are limited.
Please make reservations before January 27, 2006, with Evans Bantios at (248) 588-6200.
If you have questions, please contact Jacob Rushlow at (734) 522-6711 or Brad Shepler at (248) 454-6300.

Mail checks to: Testing Engineers & Consultants, Inc.
1333 Rochester Road, P.O. Box 249
Troy, Michigan 48099
Attn: Evans Bantios

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):

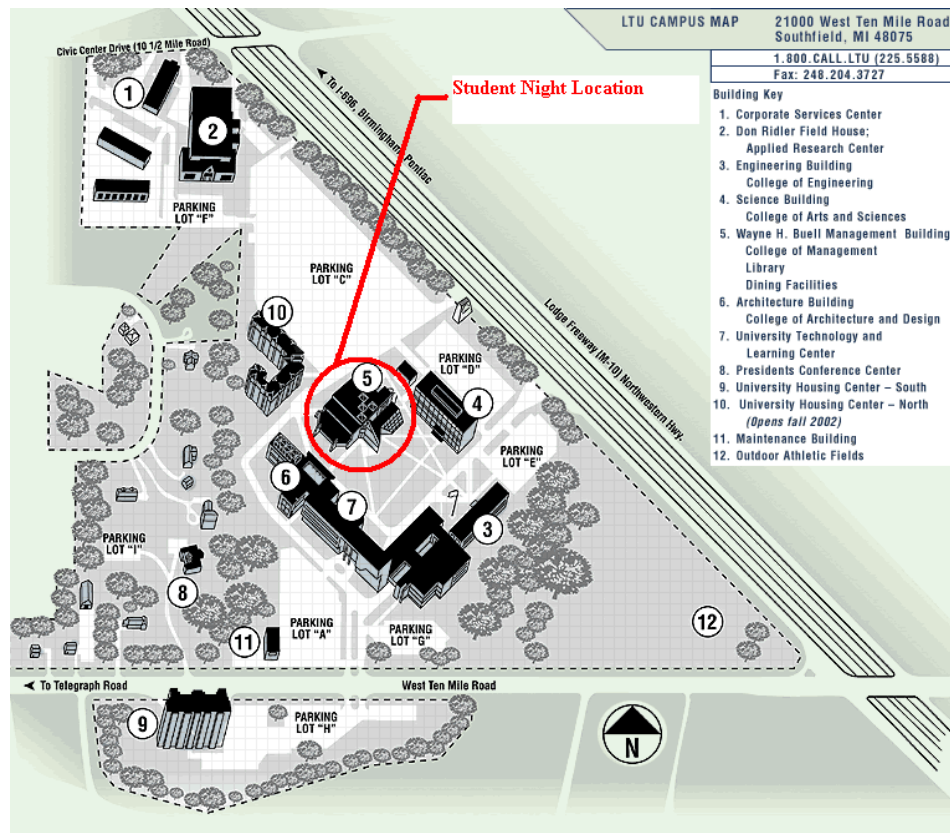
Follow I-96 East to I-696. Proceed east on I-696 to southbound M-10 (Northwestern Highway/Lodge Freeway). Exit at Ten Mile Road/Evergreen Road. Turn right onto Ten Mile Road. The campus entrance is on the right.

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.



ASCE Southeast Michigan Branch Awards

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 branch.
- Information that is provided should be as complete and accurate as possible.
- The candidate civil engineer, to be eligible to receive this award, should be living at the time of his/her nomination and should be an active member of the Southeast Branch of the Michigan Section, American Society of Civil Engineers.
- 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 and/or the Award Committee 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 2007)
- A color slide or .jpg computer file of each nominee would be appreciated for use at the awards dinner press release.

Nominations must be received by March 22, 2007. Send the nomination information to:

Jerry Luttman, P.E.
Southeast Branch Awards Committee Chairman
PB Americas, Inc.
18311 West 10 Mile Road, Suite 202
Southfield, MI 48075

Phone: 734-915-2066
e-mail: luttman@pbworld.com

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 branch.
- Information that is provided should be as complete and accurate as possible. This information should be of the professional service and the service to the Southeast Branch activities.
- The candidate should have provided service to the Branch and to the profession.
- The candidate civil engineer, to be eligible to receive this award, should be living at the time of his/her nomination and should be an active member of the Southeast Branch of the Michigan Section, American Society of Civil Engineers.
- 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.

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e-mail: luttman@pbworld.com

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 renominated 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 exemplify some aspect/s of civil engineering.
- 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.

Nominations must be received by March 22, 2007. Send the nomination information to:

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Southeast Branch Awards Committee Chairman
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Phone: 734-915-2066
e-mail: luttman@pbworld.com

Quality of Life Project of the Year Award

This award is to recognize that project that has demonstrated, through the design, coordination and execution of the construction, the highest level of engineering skill for the improvement of the quality of life. 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 of segment that must meet these guidelines.
- No project or project segment may be renominated 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.
- Emphasis will be on small community or private projects.
- The project should demonstrate use of innovations in materials, technology or construction methods in the design or construction of this project.
- 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 press release.

Nominations must be received by March 22, 2007. Send the nomination information to:

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ASCE SOUTHEASTERN BRANCH

Presents:

Upper Rouge Tunnel Project Geotechnical Challenges

The proposed Upper Rouge Tunnel is a 30-foot diameter, 7-mile long rock tunnel. It is being designed to control 17 outfalls which currently discharge combined sewer overflow into the Upper Rouge River. The Detroit Water and Sewerage Department (DWSD), SOMAT Engineering, Inc., and Jacobs will present some of the geotechnical challenges associated with designing and constructing a tunnel of this magnitude through the southeastern Michigan bedrock.

Date: February 28, 2007

Location: Hilton Garden Inn Detroit Downtown
351 Gratiot Avenue
Detroit, MI 48226
(313) 967-0900

Agenda: 11:30 to 11:45 – Social
11:45 to 12:15 – Lunch
12:15 to 1:00 – Presentation

Cost: \$18 per member

Reservations: Register no later than Friday, February 16, 2007

Contact Jeff Duguid at SOMAT Engineering, Inc., and indicate sandwich of choice for each reservation (option of grilled chicken, club, or vegetarian)

SOMAT Engineering, Inc.
660 Woodward Ave., Suite 1243
Detroit, Michigan 48226
Attention: Jeff Duguid
(313) 963-2721
jduguid@somateng.com

Make Check Payable to ASCE Southeastern Branch



American Society of Civil Engineers

Southeastern Branch
Michigan Section



**ASCE SOUTHEASTERN BRANCH
LEGISLATIVE AFFAIRS COMMITTEE
PRESENTS SPEAKER:**

James G. Cavanaugh, Esq.

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Presentation:

Mr. James G. Cavanaugh is an attorney with Kelley Cawthorne in Lansing, Michigan. Mr. Cavanaugh leads the lobbying effort in Lansing in conjunction with the AELC (Architects-Engineers Legislative Committee) on behalf of ACEC, AIA, and MSPE. Mr. Cavanaugh will present a summary of his role working on behalf of the Civil Engineering community, a summary of current bills affecting our industry, and recommend ways for Civil Engineers to increase their political activism.

Date:

Thursday, February 22, 2007

Location:

Marinelli's
611 West 12 Mile Road
Madison Heights, MI 48071
(248) 541-5244

Agenda:

11:30- 12:00 – Social
12:00- 12:30 – Soup, Sandwich, Salad, Beverage Lunch Selections
12:30- 1:00 p.m – Presentation

Cost:

\$16 per member for lunch (prepaid) - Register by February 13, 2007

Mail checks to:

G2 Consulting Group, LLC
1866 Woodslee Street
Troy, Michigan 48083
Attn: Jason B. Stoops, P.E.

Phone Reservations:

G2 Consulting Group, LLC
(248) 680-0400

Please Make Check Payable to ASCE Southeastern Branch

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ASCE SOUTHEASTERN BRANCH PRESENTS :

Movie Premier at the Gem: "Pete: Moving Manmade Mountains"

From the ashes of the Russian Revolution, Peter Friesen was born into poverty in Ukraine, and immigrated as an infant with his Mennonite mother, father and brother, to Alberta Canada. Following a childhood of hard work, more poverty, the depression, and service in World War II, Peter Friesen began a long and storied career in the structure moving business. Beginning with moving small wood frame houses and progressing in 1999 to the extremely complex 2900 foot move of the historic Cape Hatteras Lighthouse, Peter Friesen has become a legend in the building relocation industry. He has developed numerous engineering methods and computer programs, which are widely used in the industry today.

"Pete" is the story of a man that has achieved great success as an inventor and engineer, without the formal education that is a prerequisite today. This film celebrates the life and achievements of Peter D. Friesen, mover of America's most treasured historic structures, including the Cape Hatteras Lighthouse, for which Pete and his team received the OPAL award. Pete Friesen is the recipient of four Guinness Book of World Records, including for the 1997 move of the beautiful Gem Theatre, a wonderfully appropriate venue for this premiere. Meet Pete Friesen and Celebrate engineering excellence!



- Date:** Tuesday, March 19 and 20, 2007
- Location:** Gem Theatre (313-961-6451)
Detroit, Michigan
Seating is limited and unassigned
- Agenda:** 6:30 pm – Reception, drinks, snacks
7:30 pm – Show
- Cost:** **FREE!!!!** (Cash bar for alcoholic drinks)

Since we anticipate this being a highly attended event, reservations are limited. Please make email reservations before March 10, 2007, at petegempremiere@rogers.com. Questions? Call Susan Bright at 905-898-2282