



# items

October 1999  
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**The Official Publication of the Illinois Section Institute of Transportation Engineers**

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## PRESIDENT'S MESSAGE

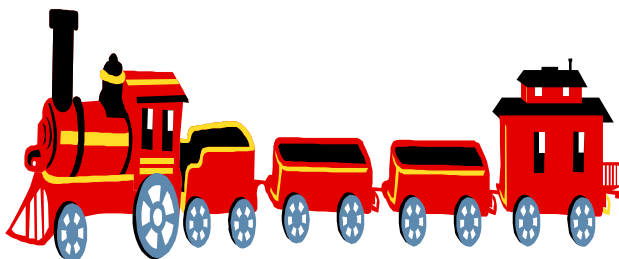
This year, the Illinois Section of the Institute of Transportation Engineers has been in existence for over 52 years.

In 1944, the Institute of Transportation Engineers membership roster listed 297 members. Membership growth developed steadily as vehicle registration soared, traffic problems increased, and their solutions became more complex. Today, ITE boasts over 13,000 members around the world.

As the ITE membership grew, it was apparent that the organization should form local chapters. The Washington D.C. chapter was the first to seek admission. In 1947, the Chicago area membership represented approximately ten percent of the national membership and a plan for a district began to develop. It was proposed that the district be identified as the Midwest Section and it included the following states: Illinois, Wisconsin, Iowa, Kansas, Nebraska, Missouri, North Dakota, South Dakota, and Indiana. Seventy active members resided in the ten-state area.

The first Midwest Section meeting was held at the Engineers Club on April 17, 1947. At this meeting the by-laws were approved and submitted to the ITE Board of Directors, which approved them on June 19, 1947.

As the membership in ITE grew, it became apparent that the Midwest section was too large geographically and the Indiana and Missouri sections were created. In 1961, the Midwest Section membership was reduced to Illinois and Wisconsin totaling 150 members. In the subsequent year, the Illinois section was formed to include only members residing in Illinois. Today, the section has 437 members.



Congratulations and thanks to the participants of the basketball tournament and the golf outing. These events raised a total of \$500 for the student scholarship fund. **Todd Fagen** with the help of **Jeff Young** organized both events. After the golf outing, **Joel Christel** was ready to quit his day job at Civiltech and join the PGA after scoring a hole-in-one.

### Your President

**Stephen B. Corcoran**  
Metro Transportation Group, Inc.

Phone: (630) 213-1000  
[sbc@metrotransportation.com](mailto:sbc@metrotransportation.com)

## **ITE - Illinois Section Luncheon Please Join Us at Maggiano's!**

<b>Date:</b>	Thursday, October 14, 1999
<b>Time:</b>	Reception at 11:30 A.M. Luncheon promptly at Noon
<b>Speaker:</b>	Ian Savage Northwestern University Department of Economics and Transportation Center
<b>Topic:</b>	The Economics of Safety and Rail- Highway Crossings
<b>Location:</b>	Maggiano's 516 North Clark Street Chicago, Illinois
<b>Reservations:</b>	Please call Javier Millan at (847) 518- 9990 or Mary Leising at (630) 213- 1000 on or before October 11, 1999.
<b>Cost:</b>	\$25 per person (\$12 for students)
<b>Next Meeting:</b>	ITE - Illinois Section Seminar on Intelligent Transportation Systems (ITS) in Transit  Thursday, November 18, 1999 Holiday Inn - Glen Ellyn, Illinois  (See Page 3 for more details)



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## ITE – ILLINOIS SECTION OCTOBER LUNCHEON PREVIEW

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At the ITE - Illinois Section's October luncheon, **Ian Savage** from Northwestern University will present on the *Economics of Safety at Rail-Highway Crossings*.

Collisions at rail-highway intersections claim more than 400 lives a year. In recent years, this risk has been reduced drastically. Indeed one could reasonably argue that grade-crossing safety has been a remarkable success story for highway engineers over the past three decades. But how much more could be done, or should be done? The presentation will take a big picture view of where the risks are, and where the greatest benefits can be obtained in spending public money to install additional hardware and/or improve driver behavior.

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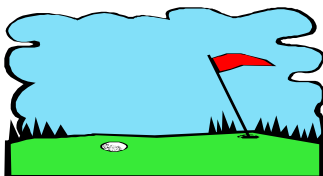
## ITE – ILLINOIS SECTION GOLF OUTING

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The ITE Illinois Section's golf outing was held on Friday, September 24th at the Fresh Meadow Golf Course in Hillside. It was a beautiful day for some memorable events. We had five foursomes from various companies and agencies. Playing scramble, the victorious group (**Joe Carlino** – Metro Transportation, **Austin Provost** – Edwards and Kelcey, **YoungJae Ju** - HNTB and **Steve Ernst** – City of Rockford) shot 5 under, not too shabby! The longest drive was won by **Steve Ernst** with the City of Rockford. But the highlight of the day came on the 11th hole when **Joel Christel** from Civiltech, driving for the closest-to-the-pin, shot a hole-in-one!!!

Special thanks to **Civiltech Engineering**, **Clark Dietz (John Mick)**, **Land Strategies, Inc.** and **Metro Transportation Group, Inc.** for their sponsorship. The outing was able to raise some extra money towards the Scholarship Fund. Thanks to all for making the day fun.

**Todd Fagen**  
Special Events Chair



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## AN ANNOUNCEMENT FROM THE SCHOLARSHIP COMMITTEE

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The Illinois Section ITE through its Scholarship Committee is pleased to announce that effective immediately our Scholarship Award for 2000 has now been increased to \$2000 to a single individual. This change is a result of the generous contributions of many, and we are pleased to offer this award to a deserving undergraduate sophomore, junior or senior at a Illinois College or University with coursework in Transportation Engineering or Transportation Planning.

Thank you,

**Dorin Fera**  
**Michael Zorn**  
Scholarship Co-Chairs

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## A NOTE OF GRATITUDE

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As one of the member societies of the Illinois Engineering Council (IEC), ITE would like to thank the **Chicago Sun-Times** for their generous contribution in support of last winter's Engineers Week (E - Week). The Chicago Sun-Times contributed \$20,000 worth of advertising costs related to the E-Week Supplement. We encourage ITE members to consider the Sun-Times for your advertising needs and other appropriate services which they can provide.

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**Workshop on:  
Intelligent Transportation Systems (ITS) in Transit &  
November Section Meeting**

Thursday November 18  
Holiday Inn, Glen Ellyn

The Illinois ITE Section is sponsoring a half-day workshop on *ITS in Transit*, followed by the regular section meeting considering the local perspective. The workshop will provide a broad ITS overview, then focus on potential ITS roles, functions and technologies in transit (*APTS*, Advanced Public Transportation Systems). Sample applications to be discussed include global position satellite tracking of transit vehicles for bus management and traveler information ("When's that bus going to be here?"), fully automated fare collection, and bus priority operations. The instructor will be Carol Schweiger, who works with the Volpe Transportation Center in Cambridge, MA on ITS transit projects and training. The workshop is intended to provide an overview, but with ample opportunity to ask questions about specific applications and technologies.

Following the workshop will be the November Section Meeting, a panel discussion of local transit agency perspectives on ITS and *APTS*. After brief presentations covering on-going and planned activities, there will be discussion of key issues and audience questions. The likely line-up will be representatives of the RTA, CTA, and either Metra or Pace (Suburban) Bus.

**Date:** Thursday, November 18, 1999

**Time:** Workshop - 8 a.m. to noon  
Registration opens at 7:30 a.m.,  
Continental Breakfast at 7:45 a.m.

Cash (Beer) Bar open noon - 12:30 p.m.

Buffet Lunch - 12:30 p.m.  
& Section Meeting

**Location:** Holiday Inn, Glen Ellyn  
1250 Roosevelt Rd.  
(NW corner of Roosevelt Rd. & Finley Rd. ~ 1/2 mi. east of I-355)

**Cost:** *see below*

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Mail check to:

**Michael Garrow  
PTG Barton-Aschman Associates, Inc.  
300 W. Washington, #610  
Chicago, IL 60606**

Name: \_\_\_\_\_ Organization: \_\_\_\_\_

(Check one:)

Workshop & Lunch \_\_\_\_\_ \$40 if mailed on or before Nov. 5, \$50 after  
Workshop Only \_\_\_\_\_ \$25  
Lunch Only \_\_\_\_\_ \$25

## COLLEGE SCHOLARSHIPS AVAILABLE FOR STUDENTS IN TRANSPORTATION



The Illinois Section of ITE will be awarding a \$2000 scholarship to a full-time undergraduate sophomore, junior, or senior student in an Illinois College or University with course work and career goal emphasis on Transportation Engineering or Transportation Planning. The scholarship check will be presented at the Illinois Section's annual January dinner meeting.

If you or someone you know is interested in applying, please request a scholarship application. Applications are due by **Friday, December 10, 1999.**

### *To Obtain Scholarship Applications:*

1. Contact Mr. Dorin Fera  
c/o Patrick Engineering Inc  
4985 Varsity Drive  
Lisle, IL 60532-4144  
Phone (630) 434-7050, Fax (630) 434-8400
2. E-mail: [dfera@patrickengineering.com](mailto:dfera@patrickengineering.com)
3. Download this Scholarship application from the Illinois Section ITE web site at:

<http://www.ilite.org/Scholarship>

Completed applications must be received by: **DECEMBER 10, 1999**



**EMPLOYMENT OPPORTUNITIES**

- **Project Manager**
- **Structural Engineer**
- **Sr. Transportation Engineer**
- **Environmental Lead**
- **Hydrology / Hydraulics – Drainage Engineer**

**Wight & Company** has an opening for each of the positions noted above. Our Engineering and Environmental Services Division has experienced steady and solid growth over the past seven years, is positioned well to reap the benefits of that growth and needs experienced personnel in the above transportation disciplines. IDOT, ISTHA, METRA and Municipal experience are all to be considered. In general, the successful candidate(s) will be licensed and will possess 6 to 10 years of applicable experience. The drainage engineer must have 2 to 5 years of experience with IDOT Drainage Studies and must be within 2 years of possible licensure. Structural Engineer must have applicable direct experience with IDOT or ISTHA as a bridge designer / engineer. Communications skills are a primary focus as are interpersonal skills. Send resume in confidence to:

**Michael F. Pyrz, P.E.**

Director of Engineering & Environmental Services  
Wight & Company  
814 Ogden Avenue  
Downers Grove, Illinois 60517

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➤ **Transportation Engineers**

Applicants must possess a B.S. in Civil Engineering or Master's degree with an emphasis in transportation engineering. Typical projects include studies and detailed design for street reconstruction, restoration and rehabilitation; pavement widening and resurfacing; storm water drainage; traffic signal installation; parking lots and bike paths; streetscapes and streetlighting. Opportunities are available for persons with various levels of experience. Positions for both project managers and project engineers are available. E.I.T. registration required as a minimum.

➤ **CAD Operator/Field Technician**

Applicants should have a minimum of 3 years experience in field surveys, CAD, and inspection of sewer, water, and/or transportation projects. Ideal candidate has proficiency in AutoCAD and SoftDesk for Water, Wastewater, and Highway design work. Good interpersonal skills are essential.

➤ **Construction Project Managers**

Applicants must have a minimum of 3 years experience in construction inspection of wastewater treatment plants, water treatment plants, sewer, water or transportation projects, and experience in construction stakeout work. Good interpersonal communication skills are essential.

Please mail, Fax or e-mail cover letter and resume to:

**Vice-President - Engineering Services Division**

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Contact:

**Rolf P. Kilian**  
Metro Transportation Group, Inc.  
1300 Greenbrook Blvd.  
Hanover Park, IL 60103-5459  
Phone: (630) 213-1000

➤ **Traffic Engineer & Design Engineer**

**Southwest Transportation Engineering, Inc. (SWTE)**, a Metro Transportation Group, Inc. Company, has openings for a Traffic Engineer and a Design Engineer in their Fort Myers, Florida Office. Growth at SWTE calls for a B.S.C.E. or related field with two to six years of experience in conducting traffic engineering/planning studies and/or preparing traffic signal design plans. Duties call for experience in managing projects, budgets, and directing others. A good understanding and use of HCS, PASSER II and III, TRANSYT-7F, TEAPAC and other traffic engineering software is desirable.

Contact:

**James Banks**  
Southwest Transportation Engineering, Inc. (SWTE)  
1342 Colonial Blvd., Bldg. D - Suite 30,  
Ft. Myers, FL 33907-1008  
Phone: (941) 278-3090

or

**Rolf P. Kilian**  
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**ITE ILLINOIS SECTION CALENDAR**

October 14	ITE - Illinois Section <b>October</b> Luncheon at Maggiano's
October 28	Deadline for advertisements and articles for <b>November</b> issue of <i>ITEMS</i>
November 18	ITE - Illinois Section Seminar on Intelligent Transportation Systems (ITS) in Transit and <b>November</b> Luncheon at the Holiday Inn in Glen Ellyn
December 16	ITE - Illinois Section <b>December</b> Luncheon at Maggiano's
January 21	ITE - Illinois Section <b>Annual Banquet</b> at the Wellington in Arlington Heights

Events are always welcome for this calendar, please contact the *ITEMS* Editors.

**MEMBERSHIP UPDATE**

The Illinois Section is please to welcome the following new members to the Section:

- |                                |                                      |
|--------------------------------|--------------------------------------|
| <b>Carl Byrd</b>               | Chicago Department of Transportation |
| <b>Matthew Letourneau</b>      | Edwards and Kelcey                   |
| <b>Anne Marie Mayo</b>         | Metro Transportation Group, Inc.     |
| <b>Maline Samadi Kalkhoran</b> | T.Y. Lin – Bascor                    |
- The following applications are currently being reviewed:
- |                           |                                      |
|---------------------------|--------------------------------------|
| <b>Sharmila Mukherjee</b> | Parsons Transportation Group, Inc.   |
| <b>Hugo Holmes</b>        | Chicago Department of Transportation |

Congratulations to our new members of the Illinois Section! Please feel free to join any standing committees (see the back of the *ITEMS* for phone numbers) or if you want to create your own committee, call **Rolf Kilian** at (630) 213-1000.

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**1300 Greenbrook Blvd.**  
**Hanover Park, IL 60103-5482**

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**ILLINOIS ITE SECTION OFFICERS AND COMMITTEES**

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Vice President	Rolf Kilian	(630) 213-1000
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Treasurer	Dawn Marincic	(847) 491-5040

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Awards	John Sauter	(847) 362-3950

<b>TECHNICAL GROUP</b>		
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<b>Committees:</b>		
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Transportation Planning	Eric Russell	(312) 917-3032
ITS	Jim Powell	(312) 930-5165
Traffic Safety	Joe Fazio	(773) 282-2192

<b>STUDENT AFFAIRS GROUP</b>		
Director	Karen George	(312) 917-3025
<b>Committees:</b>		
Scholarship	Michael Zorn Dorin Fera	(312) 372-3011 (630) 434-7050
Student Internship	Craig Moore	(312) 917-3050
Student Activities	Marcie Schatz	(630) 305-5992

<b>PUBLIC AFFAIRS GROUP</b>		
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Web Site	YoungJae Ju	(312) 930-9119
<b>ITEMS</b>	Maynard Abuan Peter Lemmon	(630) 213-1000 (630) 213-1000