



# ilite items

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The Official Publication of the Illinois Section Institute of Transportation Engineers

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## PRESIDENT'S MESSAGE

The 1999 Annual Banquet was another remarkable evening with fellow transportation professionals. **Lew Concklin** provided this year's song writing with the Illinois Section "Don't quit your day job" Glee Club providing the vocals. **Chester Kropidowski** won the joke contest despite the tough competition. I would like to thank **Todd Fagen** and **Paige Singer** for their efforts over the last several years to make the Annual Meeting a success.

At the Annual Meeting, **John Mick** received the Illinois Section's most prestigious award, the 1999 Past President's Award. This award is given to an individual who has contributed outstanding service over the years to the Illinois Section or to the transportation profession. Over the years, he has served on a number of committees, on the board, and is a Past President of the section. He continues to be involved as a mentor and this year's emcee and auctioneer.

One of the activities at the Annual Meeting is the auction, which this year raised approximately \$1,200 for the Scholarship Fund. **Jon Ringler** started the auction last year to increase the fund. This year's Scholarship winner was **Karen Leckman** from the University of Illinois.

Currently, the Scholarship award is funded by a combination of interest earnings and members dues. One of the section's goals is to increase the amount and number of the scholarships. The section is trying to increase the fund by reducing our other costs and increasing the donation from our dues. To help reduce costs, each member can sign up to receive ITEMS via the section web site. A signup page can be found at [www.ilite.org](http://www.ilite.org).

National Engineers Week is celebrated each year at the time of George Washington's birthday. This year, National Engineers Week takes place on February 21-27. Our nation's first president was a military engineer and a land surveyor. Washington's agricultural, military and land-surveying skills led to his acquiring the title of our nation's first engineer. He directed a growing society toward technical advancements, invention and education.

The purpose of National Engineers Week is to increase the public's awareness and appreciation of

the engineering profession. During the Week, engineers participate in a variety of activities to help create an interest in engineering, math and science.

### Your President

**Stephen Corcoran** - Metro Transportation Group

[SBC@MetroTransportation.com](mailto:SBC@MetroTransportation.com)

## IT'S ENGINEERS WEEK!

### JOIN US AT THE PALMER HOUSE

- Date:** Friday, February 26, 1999
- Time:** Reception at 11:00 A.M.  
Luncheon at Noon
- Emcee:** Felicia Middlebrooks  
WBBM - News Radio 78
- Speaker:** Hugh McMillan  
Superintendent - Metropolitan  
Water Reclamation District of  
Greater Chicago
- Topic:** Engineering in Chicago:  
A Retrospective and Prospective  
Of the Metro Water Reclamation  
District of Greater Chicago
- Location:** The Palmer House  
17 E. Monroe Street  
Chicago, Illinois
- Reservations:** For more information,  
Contact WYSE - 1-800-843-5410.  
Reservations must be received  
before February 21, 1999.
- Cost:** Luncheon \$25  
Table for 10 \$300  
Student with ID \$15
- Next Month:** Illinois Section Luncheon  
at Maggiano's in downtown  
Chicago on March 18<sup>th</sup>.



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## HIGHWAY CAPACITY MANUAL/HIGHWAY CAPACITY SOFTWARE UPDATE

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As many of you know, the 1997 *Highway Capacity Manual* (HCM) was released last year incorporating updates or additions to: Basic Freeway Segments and Weaving Areas (Ch 3 & 4), Signalized Intersections (Ch 9), Unsignalized Intersections (Ch 10), Arterial Streets (Ch 11), plus a metric analysis reference guide. Among the update changes are:

- an increase in maximum freeway lane capacity to 2,400 pcphpl for facilities with a free-flow speed of 75 mph
- a change to density as the Level of Service (LOS) measure for weaving areas
- a switch to the use of "control" delay (essentially the sum of stopped delay and deceleration/acceleration delay) for all interrupted flow facilities
- revision to the signalized intersection delay equation to account for initial queues plus multi-period and variable length period analyses; also more accurate estimation of actuated timings has been added
- improved procedures for two-way stop control and all-way stop control analyses, as well as initial capacity information on roundabouts
- addition of a high speed arterial type, and some analysis revisions
- tables and guidelines for capacity analysis of facilities that use the metric system.

Implementation of the 1997 HCM for most users becomes a reality with release of the accompanying software from the McTrans Center (University of Florida). HCS-3 was released in late 1998, incorporating all of the 1997 HCM changes using a Windows 95/98/NT4 interface. HCS-3 has gone through fairly extensive testing and debugging, so it should be fairly "clean." As with all HCS revisions, users should at least read through the underlying HCM text before jumping into the software; there is inevitably the need for engineering judgement in some HCS applications, and the software cannot provide all of the answers.

It should also be noted that a major revision of the entire manual, titled HCM2000, is well underway. HCM2000 will include several new procedures and will be available as both hardcopy in a new format, and on CD-ROM taking advantage of multi-media features. This release will expand into "systems" analysis of entire facilities.

For more information on the 1997 HCM, see "An Overview of the 1997 HCM Update," in the July 1998 issue of *ITE Journal*, pp 28-31 (available on the ITE Web page, [www.ite.org](http://www.ite.org); select "ITE Journal" and pick the July issue). For ordering information on HCS-3, see the Fall 1998 *McTrans Newsletter*, or go to <http://mctrans.ce.ufl.edu/>.

**Jim Powell - Technical Group Director**

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## CALL FOR COMMITTEE START-UP ACTIVITY – TRANSPORTATION PLANNING

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A new technical group committee, Transportation Planning, is in the initial stages of development under the leadership of **Eric Russell** (Barton-Aschman Associates, 312-917-3032). The scope of the committee is wide open at present, but will likely encompass long-range travel demand forecasting, facility planning and funding allocation issues. The first step, in fact, is to "brainstorm" what the committee is all about, and what type of activity it should undertake.

Individuals interested in the committee should contact Eric directly to express an interest and find out more. This is an important area of the transportation engineering profession, so give him a call if you'd like to help.

**Jim Powell - Technical Group Director**

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## EDITOR'S NOTE: *ITEMS* VIA E-MAIL!!

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Those of you who have provided the Section with an e-mail address in order to receive *ITEMS* via e-mail, the next issue (March 1999) will be the last you will receive by regular mail. If you have not provided the Section with an e-mail address, you will still get a copy of *ITEMS* by mail. If you would like to receive *ITEMS* by e-mail you can still sign-up by going to the Illinois Section website at [www.ilite.org](http://www.ilite.org) and filling out the automated sign-up form. By receiving *ITEMS* by e-mail, distribution costs are reduced freeing up more funds for other Section activities.

**Maynard Abuan – Metro Transportation Group, Inc.**  
**Peter Lemmon – Metro Transportation Group, Inc.**



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## 1999 ITE ANNUAL BANQUET WRAP UP

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If fun and making some money for the student scholarship fund is the criteria for success, then the 1999 Annual Banquet for the ITE Illinois Section fits that billing. Once again, **John Mick** did a wonderful job as emcee, contributing his humor and charm. And I think all will agree, the singing trio and comedy act 'really *took* the show'.

The student scholarship auction successfully raised about \$1,200. Thanks go out to **Dorin Fera** for making that happen. Also, thank you to the contributors of auction items and cash. Groups that contributed items were the Cook County Highway Department, Northwestern Traffic Institute, Traffic Control Corporation, Patrick Engineering, and Paul Box & Associates. P.K. Gandhi contributed \$101 while Metro Transportation Group, Inc. contributed \$200.

The Student scholarship award was won by **Karen Leckman**, a senior at the University of Illinois. Good Luck Karen.

Thank you **Paige Singer** for your help behind the banquet scenes, and **Karen George** for her guidance. Thank you also to **Paul Sauter** for obtaining the awards plaques.

Special thanks to **Jon Ringler** for being a great section President over the last year.

**Todd Fagen**  
Metro Transportation Group, Inc.

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## A NOTE FROM THE NEW ACTIVITIES GROUP DIRECTOR

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As the new Director of the Activities Group, I would like to start by saying thank you to **Karen George**, now the Student Affairs Group Director, and **Paige Singer**, the past House Committee Chairperson. I believe everyone would agree that they both did a great job with the past years events and monthly meetings.

Now I would like to welcome the continuing and new Committee members for the Activities Group. **John Sauter** with Awards, **Jack Tone** with Program, and

**Todd Fagen** with Special Events are all continuing on with their involvement. The new Committee members this year are **Mary Leising** and **Javier Millan**, both with Metro Transportation Group. They will be splitting duties on the House Committee as well as helping **Todd Fagen** with the Special Events.

For 1999, we hope to bring some exciting events for the Illinois Section. We are looking forward to the 2nd Annual ITE Basketball Tournament where the proceeds go towards the Scholarship fund. Other events we are thinking about is a potential golf outing and a joint event with the Wisconsin Section for a Brewers vs. Cubs or White Sox game in Milwaukee. More information will follow as it becomes available.

I would like to take this time to also ask for some input as to the activities for 1999. What have we done in the past that was fun? What are some things you would like to do? Would you like to see the annual banquet held elsewhere? By the way, we are not looking to have a comedian again at the banquet. Instead of sending out a survey, I feel it would be best to give one of us a call or send an email to those listed below.

**Jeff Young**  
Phone: 630-773-3900  
Email: [email@CiviltechInc.com](mailto:email@CiviltechInc.com)

**Todd Fagen**  
Phone: 630-213-1000  
Email: [TAF@MetroTransportation.com](mailto:TAF@MetroTransportation.com)

**Javier Millan**  
Phone: 630-213-1000  
Email: [JRM@MetroTransportation.com](mailto:JRM@MetroTransportation.com)

**Mary Leising**  
Phone: 630-213-1000  
Email: [MCL@MetroTransportation.com](mailto:MCL@MetroTransportation.com)

Lastly I would like to invite anyone who is looking to get involved with the Activities Group, whether you would like a small role or a large one, to give me a call. We are always looking for additional people to take part in the Illinois Section.

**Jeff Young - Activities Group Director**  
Civiltech Engineering, Inc.



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## NEW MEMBERS

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

**Daniel Plottner** with Metro Transportation Group, Inc.

**Michael Grulke** with Graef Anhalt Schloemer and Associates.

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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## DISTRICT IV CONFERENCE/2000

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Now is the time for you to join your fellow professionals and volunteer for the year 2000 annual meeting of District IV, which will be held in Chicago in the summer of 2000. Whether you have a particular interest or just want to get involved, let me know. If you want to volunteer someone else, that's fine too. Either way, I plan on staffing committees within the next month. After that, it may be too late.

For those of you who have not previously worked to plan a District event, this is a great way to enhance the professional return on your investment in ITE, as well as expand your enjoyment of the conference and its participants.

Don't miss this opportunity!!!

Call **Bob Grady** at (630) 355-1426.

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## STRUCTURAL ENGINEERS FOUNDATION OF ILLINOIS SCHOLARSHIP

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The Structural Engineers Foundation of Illinois is pleased to announce its 1999-2000 Scholarship Program for structural engineering students.

Two categories of scholarships are available. One category is for students who will be entering the third or fourth year of an undergraduate program. The other category is for students who will be entering or

continuing a graduate program. The application deadline is March 31, 1999.

For more information, please contact:

Structural Engineers Foundation  
203 North Wabash Avenue, Suite 1000  
Chicago, Illinois 60601  
Telephone: (312) 372-4198

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## WEBSITE OF THE MONTH

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This month's website is sponsored by the Surface Transportation Policy Project (STPP). The goal of the website is to inform visitors on transportation policy and how it affects the way we live.

Topics currently featured on the site include:

- ISTEA success stories
- Effects of ITS on transportation
- How additional lanes relate to congestion
- TEA-21 news
- More!

<http://www.transact.org>

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## TREASURER'S REPORT FOR 1998

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The Illinois Section of Institute of Transportation Engineers is in excellent financial health. The assets of the Section grew by over \$5000 during 1998 as a result of generous donations to the Scholarship Fund by members and firms, lower than budgeted expenses, and membership growth. The Illinois Section's major costs continue to be Section meetings, publication of the *ITEMS* newsletter, and the scholarship award. During 1998, the Board decided to improve membership benefits with the continuation of the WEB page and increasing the student paper award to \$500.

Please review the supporting chart, *Year End 1998 Treasurer Report*, which includes the 1998 Budget, the Actual Income and Expenses for 1998, and the Board approved 1999 Budget. Please call or e-mail me if you have any questions or comments.

**Dominick J. Gatto**  
312-782-1255  
[DGatto@wilbursmith.com](mailto:DGatto@wilbursmith.com)



**YEAR END 1998 TREASURER REPORT**

Item	1998 Budget	Actual Income/Expenses	1999 Budget
<b>INCOME</b>			
Dues	\$ 6,100	\$ 4,697.00	\$ 5,100
Directory Ads	\$ 1,600	\$ -	\$ 1,000
Interest	\$ 325	\$ 161.76	\$ 300
Seminars	\$ 3,000	\$ -	\$ 3,000
Golf Outing	\$ 1,250	\$ -	\$ 1,000
ITEMS Ads	\$ 1,400	\$ 1,830.00	\$ 1,600
Miscellaneous	\$ 100	\$ 2,993.54	\$ 1,000
Scholarship Donation	\$ 500	\$ 2,931.00	\$ 1,500
Section Meetings	\$ 8,930	\$ 8,880.00	\$ 9,610
<b>Total INCOME</b>	<b>\$ 23,205</b>	<b>\$ 21,493.30</b>	<b>\$ 24,110</b>

Item	1998 Budget	Actual Income/Expenses	1999 Budget
<b>EXPENSES</b>			
<b>Activities Group</b>			
Plaques	\$ 350	\$ 216.54	\$ 250
Golf Outing	\$ 1,250	\$ -	\$ 1,000
Door Prizes/Name Tags	\$ 210	\$ -	\$ 320
Section Meetings	\$ 8,500	\$ 10,484.05	\$ 9,610
Speaker	\$ 160	\$ 315.02	\$ 220
<b>Activities Group TOTAL</b>	<b>\$ 10,470</b>	<b>\$ 11,015.61</b>	<b>\$ 11,400</b>
<b>Dues</b>			
DuPage Engineer Week	\$ 100	\$ 50.00	\$ 50
IL Engineers Council	\$ 125	\$ 100.00	\$ 150
ITS America	\$ 245	\$ -	\$ 250
National Engineer Week	\$ 250	\$ -	\$ 250
RVC Engineer Week	\$ 75	\$ -	\$ -
<b>Dues TOTAL</b>	<b>\$ 795</b>	<b>\$ 150.00</b>	<b>\$ 700</b>
<b>Operations Group</b>			
ITEMS	\$ 4,190	\$ 2,601.36	\$ 3,630
Insurance & Marketing	\$ 500	\$ -	\$ 1,000
Records/Mail	\$ 100	\$ -	\$ 50
Year Book	\$ 1,500	\$ -	\$ 1,850
WEB Page	\$ -	\$ -	\$ 70
<b>Operations Group TOTAL</b>	<b>\$ 6,290</b>	<b>\$ 2,601.36</b>	<b>\$ 6,600</b>
<b>Postage Supply</b>		\$ -	
<b>Postage Supply TOTAL</b>	<b>\$ 650</b>	<b>\$ 15.11</b>	<b>\$ 100</b>
<b>Public Affairs</b>		\$ -	
<b>Public Affairs TOTAL</b>	<b>\$ 50</b>	<b>\$ -</b>	<b>\$ 50</b>
<b>Student Affairs</b>			
Scholarship	\$ 1,000	\$ 1,250.00	\$ 1,300
Student Activities	\$ 200	\$ -	\$ 200
Student Internship	\$ 50	\$ -	\$ 50
Student Paper	\$ 100	\$ -	\$ 500
<b>Student Affairs TOTAL</b>	<b>\$ 1,350</b>	<b>\$ 1,250.00</b>	<b>\$ 2,050</b>
<b>Technical Group</b>			
<b>Technical Group TOTAL</b>	<b>\$ 3,600</b>	<b>\$ 730.00</b>	<b>\$ 3,200</b>
<b>Total EXPENSES</b>	<b>\$ 23,205</b>	<b>\$ 15,762.08</b>	<b>\$ 24,100</b>



## SHELDON I. PIVNIK

CANDIDATE FOR ITE INTERNATIONAL VICE PRESIDENT



8300 S.W. 105 Street  
Miami, Florida 33156

tel. (305) 595-2979 fax. (305) 270-9641  
email. sipivnik@compuserve.com

### Challenges of the Future

I have been a member of the ITE for more than 30 years. During this time I have served on many committees, represented the ITE on the National Committee for Uniform Traffic Control Devices and the National Committee for Uniform Traffic Laws and Ordinances. I have served as Department Head of Department 1 of the Technical Council, Chairperson of the Expert Witness Council, Member of the Coordinating Council as well as other leadership and participating positions. For more than 35 years I have been an Urban Traffic Engineer with the last 30 years as an Administrator of large Traffic Engineering Divisions. Presently I serve as Legal and Forensic Engineering consultant

Since I joined the Institute, membership has grown from 2500 to over 14,000. More than ever leadership is a key to the continued growth of the ITE and the continuation of the supply of appropriate services for the membership.

I offer a unique background for leadership to the ITE. I have a business degree in management and organization. I bring this ability with related courses in management, business structure and accounting to the Board of Direction. I also have a law degree. In getting this type of degree you have to develop a thought process that allows you to identify all issues on both sides of a problem, and of course the ability to identify the problem itself. After all no problem can be solved until it is first identified.

And I am an engineer and I have spent almost my entire career as a local government traffic engineer. My engineering background is electrical. This gives me a unique perspective in the problems facing the transportation profession, particularly in the coming millennium.

As an elected officer and a member of the Board of Direction it is my intention to expand the *International* aspect of the ITE. The program I will propose will also have an ancillary effect on improving District, Section, Chapter and Student Chapter involvement.

It is my intention to establish a non-member funded trust fund to support the two way transfer of technology between our U.S. members and our non-U.S. members.

This fund will support the bringing of non-U.S. members to the United States to attend conferences, technical sessions, programs, and to meet with student chapters to update us on their new technologies and their experience with technological advancements in traffic and transportation. This fund will also be used to send U.S. members, including students, to other countries on fact finding missions to learn first hand what is happening in new technology available for our field.

It is also my intention to establish a **Bridging the Gap** program for our student members who have recently graduated and entered our profession. This program will bridge the gap between the academic world and established job market. While our new graduates are technically qualified they must be introduced to the real world.

They should be trained in dealing with public officials and clients, trained in public relations, and trained in business techniques. This program will accomplish all of this.

If you have any questions or suggestions please feel free to contact me at:

tel. (305) 595-2979 fax. (305) 270-9641  
email [sipivnik@compuserve.com](mailto:sipivnik@compuserve.com)



**ILLINOIS SECTION**

*Institute of Transportation Engineers*  
**Student Paper/Project Award Competition**

The Illinois Section of the Institute of Transportation Engineers announces a paper/project competition for its student members. The purpose is to increase the participation of our student members in the section's activities. The student paper/project competition covers topics devoted to a transportation subject. Possible topics could involve traffic flow, parking, design, planning, economics, operations or other appropriate subjects. The guidelines and requirements are shown to the right.

Student members are also encouraged to participate in the ITE National Student Paper Competition. This national competition is separate from the Illinois section competition. For more information regarding the national competition, contact:

Institute of Transportation Engineers  
525 School Street S.W.  
Suite 410  
Washington D.C. 20024-2757  
Phone 202-554-8050

**Award:**

\$500 from the Illinois Section

**Eligibility:**

- Must have been a student member of Illinois Section ITE during the period between May 15, 1998 and May 15, 1999.
- Must have completed work that provides the paper of project's basis while a student member of ITE.

**Topic/Format Requirements:**

- Transportation Subject
- Written in English
- Typed, Double-Spaced 8 1/2" X 11" Paper
- Maximum Length: 15 Pages
- Table of Contents
- Title Page: Title, Author's Name, Date
- Projects must be translated to Report Format

**Evaluation Criteria:**

- Topic Originality
- Contemporary Significance
- Scope and Format
- Validity
- Applicability

**Submit by May 15, 1999 to:**

**Marcie Schatz**  
City of Naperville  
P.O. Box 3020  
400 S. Eagle Street  
Naperville, IL 60566



## ITE STUDENT INTERNSHIP PROGRAM

The student internship program of the Illinois Section of the Institute of Transportation Engineers (ITE) returns for the summer of 1999. The program provides information to college undergraduate and graduate students in transportation planning and engineering disciplines about internship opportunities at participating firms and organizations. By offering a part- or full-time position through the program, employers are exposed to a pool of enthusiastic students not only from Illinois, but also from around the Midwest.

An internship will benefit both the student and the employer. For the student, it provides on-the-job training, an opportunity to translate theoretical learning into practical experience, and an additional source of income. However, you as the employer will experience significant benefits as well. First, the program provides a convenient way to publicize your internship among a large student population. Second, as a recruiting tool, an internship puts your name before a large pool of potential permanent employees. The intern will publicize your firm or agency as a desirable place to work. Last but not least, an intern can help stretch project budgets and assist in numerous project activities.

If you are considering hiring an intern this summer for part- or full-time work, we invite you to participate in our program. Please fill out the attached sheet, even if you do not have a budgeted position available, and return it to us at the address shown. **Employment position descriptions are due by March 5, 1999.**

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

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

\_\_\_\_\_

\_\_\_\_\_

Telephone: ( ) \_\_\_\_\_

**Yes**, a summer position(s) is available:

\_\_\_\_\_ Part-Time      \_\_\_\_\_ Full-Time

Salary      or      Wages      Data: \_\_\_\_\_

Job Description: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Please mail or fax to: **Marc R. Start**  
 Barton-Aschman Associates, Inc.  
 300 West Washington Street, Suite 610  
 Chicago, Illinois 60606  
 Tel. 312.917.3000  
 Fax 312.917.1329



**EMPLOYMENT OPPORTUNITIES**

**TRAFFIC ENGINEER & SENIOR TRAFFIC ENGINEER**

Metro Transportation Group, Inc. has an opening for a Traffic Engineer. Growth at Metro calls for a BSCE or related field with four to eight years of experience in conducting traffic impact analyses and other traffic engineering/planning studies. Duties call for experience in managing projects, budgets, clients and directing other to assist. Must be able to make presentations to public bodies and have the ability to negotiate with public agencies. A good understanding and use of HCS, PASSER II AND III, TRANSYT-7F, TEAPAC and other traffic engineering software desirable. Illinois PE required or ability to obtain within one year.

Also, we are seeking an entry level Traffic Engineer. Knowledge of basic computer software and excellent oral and written communications skills are a must.

Reply in writing to:

**Rolf P. Kilian**  
**Metro Transportation Group, Inc.**  
**1300 Greenbrook Blvd**  
**Hanover Park, IL 60103-5482**



TRAFFIC ENGINEERING  
TRANSPORTATION PLANNING  
SIGNAL SYSTEMS/DESIGN

**METRO TRANSPORTATION GROUP, INC.**

201 N. WELLS STREET, SUITE 2015  
CHICAGO, ILLINOIS 60606  
TELEPHONE 312 853-0820 FAX 312 853-0836

CORPORATE OFFICE:  
1300 GREENBROOK BOULEVARD  
HANOVER PARK, IL 60103-5482  
TELEPHONE 630 213-1000 FAX 630 213-3227  
[www.metrotransportation.com](http://www.metrotransportation.com)



**DIVISION OF TRANSPORTATION**

*SEEKS HIGHLY QUALIFIED CANDIDATES TO FILL  
TWO POSITIONS:*

**Civil Engineer**

Salary: \$35,142

Assist the development engineer, in plan review for access related improvements and subdivision with the County's Development Process, in permit issuance for work within the County Highway right-of way, inspection of access related improvements and subdivision improvements.

Experience/Education: Completion of a baccalaureate degree program in Civil Engineering. Master Degree in Civil Engineering may be considered as one year of professional engineering experience.

**Right of Way Agent**

Salary: \$38,524

Secure the deeds, easements and assignments necessary for producing land needed for construction projects. This is technical work in conducting negotiations and securing agreements and deeds from property owners for land to be used in County's improvements.

Experience/Education: Completion of two years of college with coursework in drafting, civil engineering, real estate or appraisal. Two years of experience in construction, civil engineering or real estate appraisal and land acquisition activities.

**TO APPLY:**

Lake County Human Resources  
18 North County Street 7<sup>th</sup> Floor  
Waukegan, IL 60085  
Fax (847) 360-6592  
Job Hotline (847) 360-3662  
[www.co.lake.il.us](http://www.co.lake.il.us)

Equal Opportunity Employer M/F/



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## ENGINEERS

WILBUR SMITH ASSOCIATES, an ENR Top 20 Transportation Engineering Firm, has immediate openings in its Chicago office as a result of expanding business:

CHIEF HIGHWAY ENGINEER: 10-20 years experience in highway planning and design using Illinois DOT standards to take technical lead on major projects. PE required.

SENIOR HYDRAULICS ENGINEER: 8-20 years experience in hydraulics and drainage studies for Illinois DOT using HEC II. PE required.

HIGHWAY DESIGN ENGINEER: 4-10 years experience in geometric roadway/highway design (Phase I & Phase II). Experience with Illinois DOT projects, GEOPAK and Microstation. PE desirable.

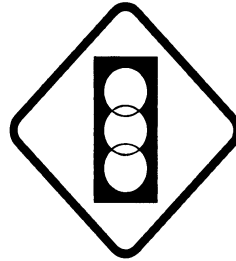
MICROSTATION CADD DESIGNER: experience on Illinois DOT and municipal highway projects.

TRAFFIC ENGINEER: 6-10 years experience with Illinois DOT projects in traffic engineering, signal and geometric design. Experience in HCM, Signal 95, Transyt 7F, Passer 2 and 3, Traf-Netsim, SYNCHRO and other traffic engineering software desirable. PE required.

Submit resumes to:  
**Barry Lundberg**  
**Senior Vice President**  
**WILBUR SMITH ASSOCIATES**  
**318 W. Adams #1300**  
**Chicago, IL 60606**  
or  
**FAX at 312.782-1231**  
**EOE/AA M/F D/V**

[www.wilbursmith.com](http://www.wilbursmith.com)

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**TRAFFIC CONTROL  
CORPORATION**

**MICHAEL WILLIAMS**  
VICE PRESIDENT

1-800-996-6511  
FAX: (630) 889-9419  
PAGER: 1-800-759-7243  
PIN #: 4199011

1040 N. MAIN ST.  
LOMBARD, IL 60148  
(630) 889-4444



[www.internationaltraffic.com](http://www.internationaltraffic.com)

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2402 Spring Ridge Dr, Suite E  
Spring Grove, IL 60081-8693

Ph (815) 675-1430  
Fax (815) 675-1530



**CIVILTECH  
ENGINEERING, INC.**


500 PARK BOULEVARD • SUITE 250 • ITASCA, IL 60143  
(630) 773-3900 • FAX (630) 773-3975



**ITE ILLINOIS SECTION CALENDAR**

February 21-27	National Engineer's Week
February 26	Engineer's Week Joint Luncheon
February 25	Deadline for Next Month's <i>ITEMS</i>
March 18	ITE - Illinois Section March Luncheon - Maggiano's
March 29 – April 2	“Illinois Fundamentals of Geometric Design Workshop” – Northwestern University Traffic Institute – More information in this issue of <i>ITEMS</i> .

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



Tom McGlynn  
Sales Development Manager  
708-338-5425

Kari Jerich Brunn  
Sales Representative  
800-949-2196

**3M Traffic Control Materials Division**  
Suite 300  
Four Westbrook Corporate Center  
Westchester, IL 60154-5707



• Traffic Engineering/Transportation Planning  
• Civil/Traffic Signal Design  
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