

Dear Colleague:

The American Council of Engineering Companies of Illinois and IDOT District One are co-sponsoring a one-day seminar on Highway Lighting on April 21, 2006 at the Hilton Lisle/Naperville.

The seminar is a joint effort between ACEC-Illinois and IDOT, and will be presented by IDOT Staff and Consultants. This seminar is designed to provide insight and clarification for those individuals/organizations or county/local governments currently engaged in highway lighting design for projects involving Federal, State and/or MFT funding and are reviewed by IDOT District One and other IDOT Regional Offices.

An Advance agenda is included inside. Topics will include: **Background Issues; The Rationale for Highway Lighting; Professional Issues; Standards for Lighting Design; The Seeing Task; The Evolution of Design Methods; Design Impacts of IES RP-8-00; Lighting Calculations; Layout Issues; Key Electrical Design Issues; Lighting by IDOT Permit; Special Design Considerations; and Highway Lighting Plans.** Seminar presenters include:

Martin Anderson, P.E.: Mr. Anderson is Bureau Chief of Electrical Operations for IDOT, Division of Highways, District 1. He has guided lighting design and electrical plan preparation since joining IDOT in 1985 and has over 34 years of electrical design and construction experience. He is a member of the Illuminating Engineering Society of North America (IESNA) and has a BSEE from the Illinois Institute of Technology and an MBA from Northern Illinois University.

Roland Tomsons: Mr. Tomsons is an Electrical Engineer in the Bureau of Electrical Operations for IDOT, Division of Highways, District 1. He has performed lighting design and analysis since 1985. He has been the Bureau's key engineer in the preparation of special provisions and details and he is the District's in-house expert on the use of design software to perform lighting calculations. Mr. Tomsons has a BSEE from Illinois Institute of Technology.

Ramesh C. Gupta, P.E.: Mr. Gupta is currently a Consultant in Lighting and Electrical Engineering and is the past Engineering Section Chief in the Bureau of Electrical Operations for IDOT's Division of Highways, District 1 where he led lighting design activities. He is a member of IEEE and Vice Chairman of the Roadway Lighting Committee of Illuminating Engineering Society of North America (IESNA). Mr. Gupta has an MSEE from Illinois Institute of Technology and he is a Licensed Professional Engineer in Illinois.

Paul DiTomo: Mr. DiTomo is a partner with KSA Lighting, LLC in Hanover Park. He is a member of IESNA, past President Roadway Lighting Forum, past Chairman and member of the Chicago Lighting Club, and member of various representative Councils for Lighting and Lighting Standards. Mr. DiTomo has a BS and an MBA from Drexel University, Philadelphia, P.A.

Mark Seppelt, P.E.: Mr. Seppelt is the Electrical and Mechanical Unit Chief in the Bureau of Design in the Central Office for IDOT. He is responsible for the electrical, lighting, and highway denaturing pump stations for the Central Office. Mr. Seppelt is a member of NSPE/ISPE, IESNA, and ASCE. Mr. Seppelt has a BS from University of Missouri and a MBA from UIS.

We look forward to seeing you on April 21!

Diane O'Keefe, District Engineer
Jerry Heimsoth, Liaison Committee Chair
Ken Cortopassi, Seminar Subcommittee Chair

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ACEC-Illinois
and the
Illinois Department
of Transportation
present the



2006
HIGHWAY
LIGHTING
SEMINAR

April 21, 2006

Hilton  Lisle/Naperville

**ACEC-Illinois / IDOT
2006 Highway Lighting Seminar
April 21, 2006
Hilton Lisle/Naperville**

Who should attend?

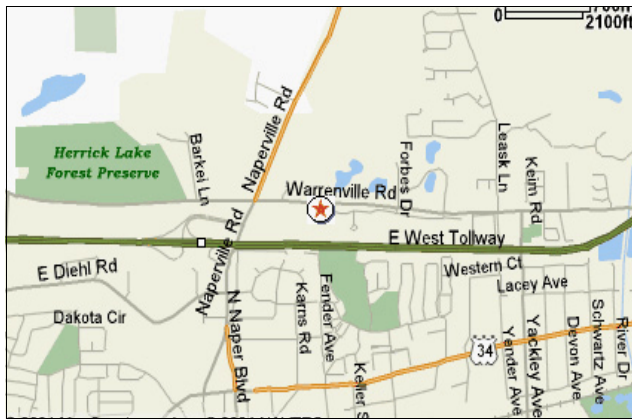
➤ This seminar is designed to provide insight and clarification for those individuals/organizations or county/local governments currently engaged in highway lighting design for projects involving Federal, State and/or MFT funding and are reviewed by IDOT District One and other IDOT Regional Offices.

Location / Accommodations:

Hilton  Lisle/Naperville

3003 Corporate West Drive, Lisle, IL 60532
Ph: 630/505-0900 / Toll Free: 800/552-2599

*Rooms have been blocked at the rate of \$99. Call the hotel directly and identify yourself as being with the ACEC-Illinois Room Block for this rate. **Deadline for room reservations is March 30, 2006.***



Directions:

From Chicago: Take I-290 Eisenhower Expressway to the Aurora exit (I-88 E/W Tollway). Go approx. 10 miles to Route 53 South to Warrenville Road. Go 1.5 miles west. The hotel is on the left.

I-88 E/W Tollway from the West: Take the Naperville Rd Exit. Turn Left onto Naperville Rd. Turn Right onto Warrenville Rd. Turn Right onto Corporate West Dr.

From the South: From I-55 North, take exit number 269, I-355 Tollway N toward West Suburbs. Merge onto I-88 E/W Tollway toward Aurora. Merge onto IL-53 S - Lincoln Avenue. Turn right onto Warrenville Road. Turn left onto Corporate West Drive.

**ACEC-Illinois/IDOT
2006 Highway Lighting Seminar
Advance Agenda**

- 8:00 am Registration/Continental Breakfast
- 8:30 am **Welcome & Introductions**
 - ~ Background Issues
 - ~ The Rationale for Highway Lighting
 - ~ Professional Issues
 - ~ Standards for Lighting Design
- BREAK
- ~ The Seeing Task
- ~ The Evolution of Design Methods
- ~ Design Impacts of IES RP-8-00
- 12 N LUNCH
- ~ Lighting Calculations
- ~ Layout Issues
- ~ Key Electrical Design Issues
- BREAK
- ~ Lighting by IDOT Permit
- ~ Special Design Considerations
- ~ Highway Lighting Plans
- 5:00 pm ~ Adjourn



The fine print:

REGISTRATION DEADLINE is April 10. Attendance is limited to first 200 registrants. Confirmation Notices WILL NOT BE SENT -- Please keep a copy of this form.

Refund Policy: Refunds will be provided for cancellations made at least 72 hours prior to the seminar, less a \$25 processing fee.

Accessibility: ACEC-Illinois provides accessibility to people with disabilities. Please call 217/529-7430 in advance to make special arrangements.

Professional Development Hours: 7.5 Professional Development Hours (PDH's) will be awarded for attendance at this Seminar.

**REGISTRATION FORM
ACEC-Illinois / IDOT
2006 Highway Lighting Seminar
April 21, 2006 ~ Hilton Lisle/Naperville**

The registration fee is \$395. **ACEC member firms and employees may register at the reduced rate of \$245 each.** Fees includes continental breakfast, refreshment breaks and lunch. **Fees also include seminar materials and reference books, including:**

- ★ IES RP-8 (RP-8-00)
- ★ AASHTO Roadway Lighting Design Guide
- ★ IDOT District 1 Design Guidelines
- ★ Roadway Lighting Handbook, US Dept. of Transportation, FHA Dec 1978

Please Register the following:

_____ ACEC Members @ \$245 ea = \$ _____

_____ Non-Members @ \$395 ea. = \$ _____

Make checks payable to ACEC-Illinois. Payment must accompany this form.

Please type or print clearly:

Name: _____

Name: _____

Name: _____

Company/Firm: _____

Address: _____

City/State/Zip: _____

Phone: _____ Fax: _____

e-mail: _____

_____ Request Vegetarian Meal

Make checks payable to ACEC-Illinois and send with completed form to:

American Council of Engineering Companies of Illinois
5221 South Sixth Street Road, Suite 120
Springfield, IL 62703

217/529-7430; fax 217/529-2742; acec-il@acec-il.org

Registration forms are also available

at www.acec-il.org/events.cfm