INSTITUTE OF TRANSPORTATION ENGINEERS / WASHINGTON STATE SECTION

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http://www.westernite.org/Sections/Washington/ March 2014

Letter from the President

Dongho Chang, WA Section President

It was one of the most heart wrenching events in my professional career. The grandmother, the matron of the family, had taken the bus to go shopping and was almost back home. She got off the bus across the street from her apartment, crossed to the two-way left-turn lane, where she was struck and killed by a driver heading to a convenience store. This tragedy occurred within the view of the family's front door. I investigated the scene of the crash when I was City of Everett's Traffic Engineer and knocking on the door of the devastated family's house was terrifying. The similarity of this Korean family was very close to my own family. My experience of the spirit and heart of their community on Casino

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March Luncheon Meeting

The Pacific Northwest Transportation Consortium (PacTrans) and ITE WA will jointly host our March meeting. The topic is Washington State's Strategic Highway Safety Plan (Target Zero). Target Zero's goal is zero deaths and serious injuries in Washington State by 2030. This is an ambitious and worthy goal that we want to attain sooner rather than later. Come learn about the tools and strategies that will bring about this change focused on Education, Enforcement, Engineering, Emergency Services, and Leadership/Policy.

Our speakers will be Chris Madill, Director of Programs and Services at the Washington State Traffic Safety Commission and Matt Neeley, Priority Programming and Scoping Engineer for Washington State Department of Transportation.

This is an opportunity to take part in both learning and great discussions over pizza and refreshments.

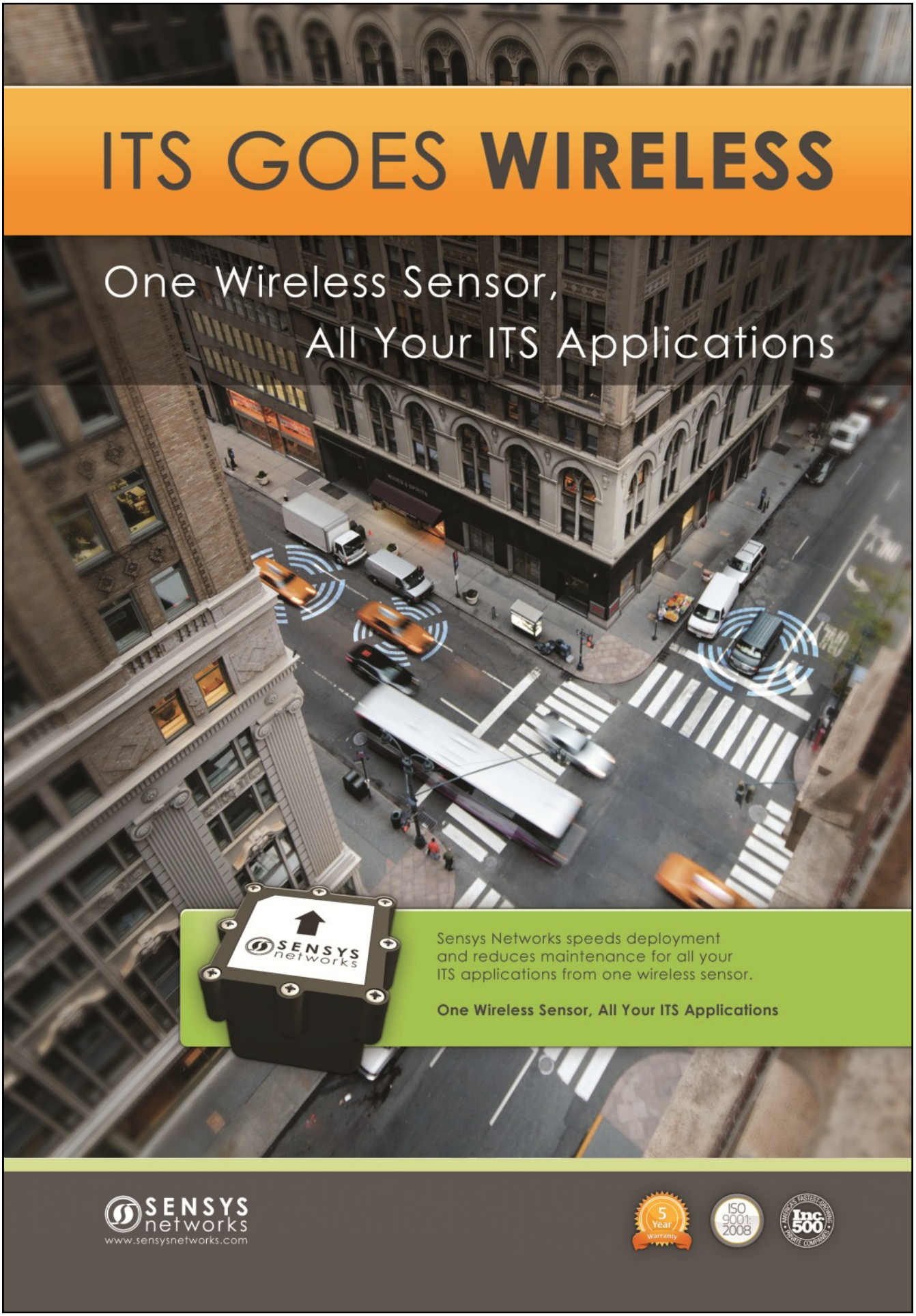
WHEN Tuesday, March 18, 2014
11:30 a.m. - 1:00 p.m.

WHERE University of Washington
Husky Union Building (HUB) room 340
4001 Stevens Way NE, Seattle, Washington 98195
Get directions
Learn about commute options

COST Free

MENU Pizza and refreshments will be served.

RSVP Please register with Carla Nasr at itewaregister@gmail.com by 5:00 p.m. on Friday, March 14.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Letter from the President

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Road was very humbling. A news article on their gardening efforts shows an example. I learned that there are many extraordinary people who are making a tremendous difference in this diverse community, such as Everett Police Lieutenant Manuel Garcia, described in this news article about his founding of the Casino Road Futbol Academy.

Those of you that attended and listened to Dr. Beth Ebel's presentation at the February ITE WA/International Municipal Signal Association meeting (see Page 5) understand the ground breaking work that she and her team have been doing to prevent distracted driver collisions. I met Dr. Ebel, Associate Professor of Pediatrics at the University of Washington and Seattle Children's Hospital, after a tragic collision caused by an impaired driver last year. The driver's action took the lives of two grandparents and severely injured a new mother and her baby. This event devastated this family and their community.

Up to 28 percent of vehicle crash risk is attributable to distraction from cell phone use or text messaging. Your relative risk of a crash is almost six times greater if you are texting than if you are driving impaired with a blood alcohol level of 0.08 percent. Six times the risk while texting! There were 426 fatalities and 867 serious injuries in Washington State between 2009 and 2011 that were distraction related. ITE, along with state and local agencies and partners in Washington State have endorsed the Target Zero initiative of zero fatality and serious injury by 2030. See page 7 for more details. We must be strategic and change our societal behavior on cell phone and other device use in our vehicles.

Our March 18 meeting will focus on safety. We'll get an update on the Washington State Traffic Safety Commission's Target Zero program from Chris Madill, Director of Programs and Services. We'll also get an update on Washington State Department of Transportation's (WSDOT) data driven safety program from Matt Neeley, Priority Programming and Scoping Engineer for WSDOT. I encourage everyone to attend.

Dongho Chang, President, itewapresident@gmail.com

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For more information and to apply to ***LeadershipITE***, visit www.ite.org/Leadership.

Application deadline is **July 14, 2014**.

Scribe Report

Each topic at the ITE/IMSA Joint Conference and Vendor Exhibition drew a room full of people. Photo by Carter Danne

2014 ITE/IMSA Joint Conference and Vendor Exhibition

By Paul Cho, ITE-WA Secretary, City of Redmond

The annual ITE WA/International Municipal Signal Association (IMSA) Northwest Section Joint Conference and Vendor Exhibition allows for networking between those people that plan and design our transportation systems, those that construct and maintain them, and specialists that supply the necessary tools and materials.

Always a well attended event, this year's event was hosted at the SeaTac Double Tree Hotel and gathered 41 vendor booths displaying the safest and most efficient technologies available to the 93 people registered for the luncheon meeting. Many more took advantage of the free technical sessions in the morning and vendor training in the afternoon. The event was open to members of ITE WA and IMSA and also to non-members. In parallel, the IMSA Northwest section and the ITE Washington section held their business meetings. The day's program is available on the ITE WA website along with copies of several of the speaker presentations: http://www.westernite.org/Sections/washington/presentations/presentations.html.

During the luncheon meeting, after attendees finished their delicious course of Grilled Chicken Mediterranean with Rustic Apple Tart, ITE WA President, Dongho Chang (City of Seattle) commenced a joint ITE/IMSA luncheon meeting by welcoming the attendees and introducing the Board members. He then invited IMSA NW President, Fay Schafi (City of Issaquah) to the podium. Ms. Schafi also welcomed the attendees and introduced the IMSA Chair members as well as provided information on this year's IMSA Conference to be held June 2-4 in Yakima.

Mr. Chang then introduced the first speaker, Dr. Beth Ebel, MD, MSc, MPH, Associate Professor of Pediatrics at the University of Washington and Seattle Children's Hospital and also Associate Professor of Epidemiology at the University of Washington. Dr. Ebel was able to provide a different perspective on distracted or impaired driving from

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Scribe Report

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her view from the trauma center. After correlating cell phone texting impairment with a blood alcohol level of 0.19, she presented a video of young drivers who volunteered for a study and knew they were on camera, but "just" had to quickly take their eyes off the road. She then posed the following question to the audience: Who would allow their spouse or child into a car with someone that had such high levels of impairment? But throwing data around doesn't work, as learned from campaigns such as anti-smoking. However, by using what we've learned from the battle against drunk driving as well as driving without seatbelts, we can fight against this form of impaired driving through parental role models (Environment), Education, and law enforcement (Enforcement).

Our second speaker was Susan Bowe, P.E., with Washington State Department of Transportation. Ms. Bowe described the role of the Highways & Local Programs division as a resource for educational, technical, and financial support for "...cities, counties, and other transportation partners such as tribal governments, ports, and transit agencies." She provided specific information about the following five transportation funding programs, including upcoming deadlines for each: Local Bridge Program, Safe Routes to School Program, Pedestrian and Bicycle Program, County Safety Program, and City Safety Program.

Following the speakers, Dongho Chang thanked Conference Chairs Josh Diekmann (City of Tacoma) and Jerry Liu (Tetra Tech) for their efforts. Western District Annual Meeting Local Arrangement Committee Co-Chair, Randy McCourt (DKS) provided announcements for the joint Western-Midwestern District Annual meeting in Rapid City, South Dakota from June 29 through July 2, 2014.

Jerry Liu and Josh Diekmann returned to the podium and thanked the numerous vendors that helped make the conference such a success and raffled off door prizes graciously donated by the vendors. After all the prizes had been raffled off, the meeting was adjourned as people checked their schedules for the afternoon technical session and vendor training. In addition, the vendor displays would still be open for people to get information on the latest technologies available to meet the demands of our transportation systems. The vendors included:

- Advanced Traffic Products
- All Traffic Data
- Campbell Company
- Cascade Signal Corporation
- Cohu
- Coral Sales Company
- Daktronics
- Econolite Control Products
- Electrical Representatives West
- EtherWAN Systems, Inc.
- FLIR
- Green Driver, Inc.
- Holophane Lighting
- IDAX
- Illuminating Resource
- Information Display Company
- Inrix
- Intelight, Inc.
- Intermountain Traffic
- ITEM Ltd.
- Kar-Gor, Inc.
- Leotek
- Lighting Group Northwest
- McCain, Inc.
- Northwest Signal
- Pacific Lighting System
- Pelco Products, Inc.
- Plastic Safety Systems, Inc.
- PTV Group
- Reno A&E
- Sea-Tac Lighting & Controls, LLC
- Siemens/RuggedCom
- Skyline Products
- Traffic Safety Supply Company
- Trafficware
- URS Electronics
- Valmont Industries
- Wells Manufacturing, Inc.
- Western Pacific Signal
- Western Systems
- Zumar

Photo by Carter Danne

Washington State Local Technical Assistance Program (LTAP)

Providing training for local agencies and consultants.

View a list of upcoming classes at http://www.wsdot.wa.gov/LocalPrograms/Training/default.htm

ITE WA Event Schedule for 2014

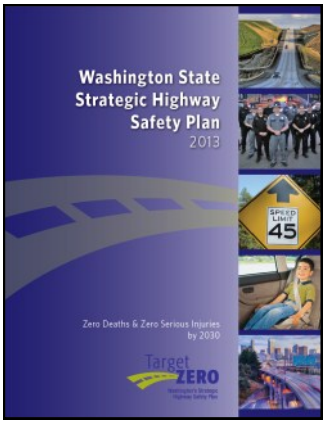
These dates for ITE WA meetings and events are subject to change depending upon the availability of venues:

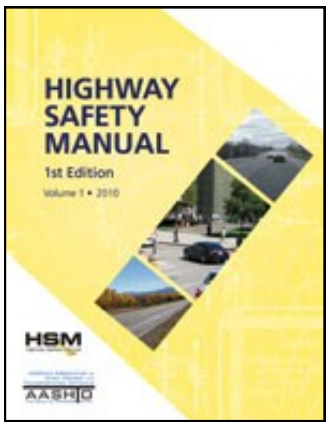
- **Tuesday, March 18:** Lunch meeting on Washington State's Strategic Highway Safety Plan (Target Zero). See page 1.
- **Early 2014:** Highway Safety Manual webinar training begins. See this page.
- **Early April 2014:** Applications for student scholarships are due Friday, April 18. See page 9.
- **Tuesday, April 8:** Lunch meeting. Dr. John L. Campbell, Research Leader with Battelle, will provide an overview of the Human Factors Guidelines for Road Systems.
- **Tuesday, May 13:** Student night at Ivar's Salmon House on North Lake Union in Seattle. See page 9.
- **Tuesday, June 10:** Annual Business Meeting. Half-day.
- **Wednesday, June 11:** 25th Annual Golf Classic/Tournament.
- **Sunday, June 29 – Wednesday July 2:** Western District Annual Meeting in Rapid City, South Dakota.
- **No meetings in July**
- **Sunday, Aug. 10 – Wednesday Aug. 13:** ITE WA will host the 2014 ITE International Annual Meeting and Exhibit in Seattle.

Safety Corner

News from the Section Safety Committee

By Gary Norris, Safety Committee Chair, DN Traffic Consultants





Be sure to join us at our March meeting to learn about the update of Target Zero, Washington State's strategy to achieve zero fatalities and serious injuries by the year 2030, which is now in print and online. Please see page 1 and www.targetzero.com for more information. Please be thinking of ways that you as a member of ITE's Washington State Section can be involved in achieving the goals of Target Zero. The Safety Committee continues to look at ways that our section can significantly participate in Target Zero and improve safety in Washington State. So if you would like to share your ideas or want to join the Committee, please contact one of the Committee members:

- Caroline Brabrook, cbrabrook@yahoo.com
- Brian Chandler, chandlerbe@leidos.com
- Scott Davis, davissa@co.thurston.wa.us
- Matthew Enders, matthew.enders@wsdot.wa.gov
- Janet Hall, jhall@ci.mlt.wa.us
- Mike Hendrix, mhendrix@perteet.com
- Steve Mullen, smullen@kentwa.gov
- Robert Shull, rshull@transportmodeler.com
- Gary Norris, gary@dntrafficconsultants.com

As a reminder, we will sponsor an online training on the Highway Safety Manual that will begin soon. We are reaching the critical number of students necessary to offer the training. If you are interested in participating, please check your schedule and contact me at gary@dntrafficconsultants.com or Robert Shull at rshull@transportmodeler.com.

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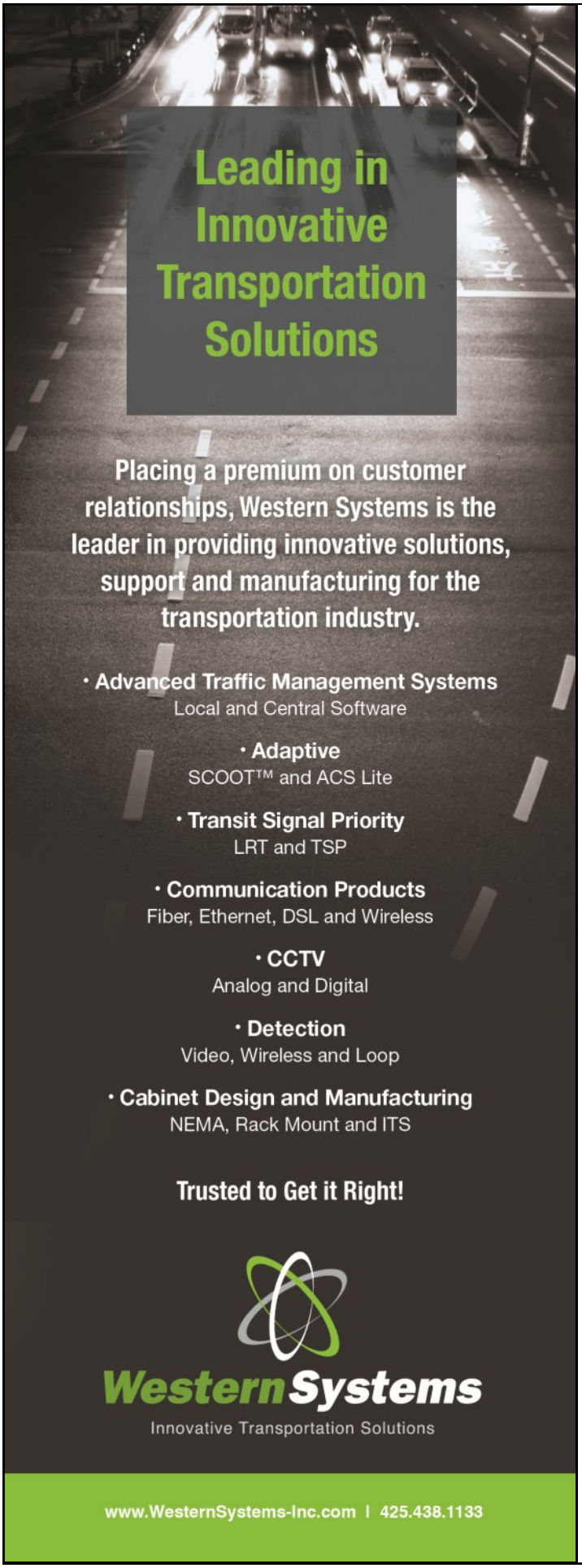

Campus Corner

Opportunities and Activities for 2014

By Richard Hutchinson, Student Activities Committee Chair, DKS

$1,500 Undergraduate and $2,000 Graduate Scholarships

Scholarships from ITE WA for students in transportation engineering or transportation planning are due by 5:00 p.m. on Friday, April 18, 2014. Application forms can be found on our Web page. Please encourage students to submit an application.

Student Night Competition

This year's ITE Student Night will be on May 13. The project that students will research and present is City of Seattle's Chelan Avenue SW/SW Spokane Street Intersection Improvement Project. This is an important and complex location in West Seattle, a five-way intersection where freight, passenger vehicles, pedestrians, and bicycle riders must all negotiate together. Students will develop potential alternatives to the intersection to improve traffic operations and safety. The city welcomes all options. There is a specific goal to ensure that the pedestrian and bicycle connection for the Alki Trail is made safer and easier for all ages and abilities. See our Web page to download additional information about this project. For questions, please contact Richard Hutchinson at 206-587-0676 or rjh@dksassociates.com.

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Grant Funding

Highway Bridge Program
Funds from: Highway Safety Improvement Program of MAP-21, the Federal Transportation Act
Administered by: Washington State Department of Transportation Highways & Local Programs division
Estimated program size: $70-$90 million
Call for projects: Open Applications due: May 5, 2014
Details: http://www.wsdot.wa.gov/LocalPrograms/Bridge/Funding.htm

Safe Routes to School Program
Funds from: Washington State Transportation Budget
Administered by: Washington State Department of Transportation Highways & Local Programs division
Estimated program size: $8 million, split with the Pedestrian and Bicycle Program
Call for projects: Open Applications due: May 5, 2014
Details: http://www.wsdot.wa.gov/LocalPrograms/SafeRoutes/CallForProjects.htm

Pedestrian and Bicycle Program
Funds from: Washington State Transportation Budget
Administered by: Washington State Department of Transportation Highways & Local Programs division
Estimated program size: $8 million, split with the Safe Routes to School Program
Call for projects: Open Applications due: May 11, 2014
Details: http://www.wsdot.wa.gov/bike/call.htm

County Safety Program
Funds from: Highway Safety Improvement Program of MAP-21, the Federal Transportation Act
Administered by: Washington State Department of Transportation Highways & Local Programs division
Estimated program size: $27 million
Call for projects: Open Applications due: June 30, 2014
Details: http://www.wsdot.wa.gov/LocalPrograms/Traffic/2014CountySafetyProgram.htm

City Safety Program
Funds from: Highway Safety Improvement Program of MAP-21, the Federal Transportation Act
Administered by: Washington State Department of Transportation Highways & Local Programs division
Estimated program size: $37 million
Call for projects: Anticipated March 2014. Applications due: Anticipated July 2014
Details: http://www.wsdot.wa.gov/LocalPrograms/Traffic/FedSafety.htm

ITE WA website: http://www.westernite.org/Sections/washington/events/events.html

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- Full page (width = 7 1/2 inches, height = 10 inches): $1,000

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Newsletter Comments and Article Submissions

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