WASHINGTON STATE SECTION / INSTITUTE OF TRANSPORTATION ENGINEERS
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ITE WASHINGTON

Letter from the President

Jim Ellison, WA Section President

The November 6 general election is a little more than a month away. While I look forward to tuning in to the presidential debates, I confess that I also look forward to election day, when the campaigning will end and the balloting results will be in. With all 435 seats in the House of Representatives and 33 seats in the Senate being contested in addition to the presidential race, the overriding hope is that once the results are in and the new Congress convenes, there will not be so many stalemated issues in Washington, DC.

Leading up to this, it was with some sighs of relief this past summer that Congress finally passed a highway authorization bill, MAP-21, the Moving Ahead for Progress in the 21st Century Act. The previous 2005 bill, SAFETEA-LU, expired in 2009 and was temporarily extended by Congress no less

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October Meeting

MAP-21
Moving Ahead for Progress in the 21st Century Act

MAP-21 is the first long-term congressional highway authorization enacted since 2005. This month's meeting features a presentation of the major points of the new bill, including changes from SAFETEA-LU, its funding of surface transportation programs at over $105 billion for fiscal years 2013 and 2014, and a focus on programs involving operations and safety. The speaker is James D. Colyar, P.E., Transportation Specialist at Federal Highway Administration.

WHEN Tuesday, October 9, 2012 from 11:30 AM - 2:00 PM

WHERE Renton Community Center, Banquet Room
1715 SE Maple Valley Highway, Renton, WA 98057
425-430-6700 (get directions)

COST $20 for a box lunch from Ingallina's. No charge if you bring your own bag lunch. Parking is free.

MENU Lunch box from Ingallina's. Please choose from:

1. Smoked turkey Havarti on Ciabatta bread.*
2. Chicken club on Ciabatta bread with avocado, cheddar cheese, bacon, lettuce, and tomato.*
3. Italian salami on a baguette submarine with portabella mushrooms, pepper jack and cheddar cheeses, olives, pepperoncini peppers, lettuce, and tomato.*
4. Tomato, mozzarella and avocado on whole wheat Ciabatta bread, pesto mayonnaise, lettuce, and balsamic vinaigrette.*
5. Albacore tuna on whole wheat with dill pickle chunks, celery, mayonnaise, cheddar cheese, lettuce, and tomato.*
6. Citrus marinated Cuban flat iron steak on a baguette with Havana black bean pesto, cilantro, and red pepper.*
7. Mango and cucumber quinoa salad with rice, red mild jalapeno, and lime zest.
8. Fresh romaine lettuce and gourmet greens topped with chicken breast, bacon, sweetened walnuts, fresh peaches, bleu cheese, and balsamic vinaigrette.

*Choices 1-6 include fresh fruit, cookie, chips, and water.

RSVP Please register with Carla Nasr at itewaregister@gmail.com by 5:00 p.m. on Friday, October 5. Those who register and select a box lunch and do not attend will still be billed $20.

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than ten times before MAP-21 was signed into law by the President on July 6, 2012. The bill provides for much needed national funding of surface transportation programs at over $105 billion for the next two years. On October 1, most of the new funding and policy provisions in MAP-21 began to take effect. The Federal Highway Administration's program offices have been working diligently these past few months to develop guidance on individual programs and analyze potential changes in state reporting requirements because of the new law.

So it is timely and we are fortunate to be able to host James Colyar, from the FHWA Washington Division office in Olympia, as the featured speaker for our next section luncheon meeting on October 9. James will provide an overview of MAP-21 with a focus on operations and safety programs. He will discuss the primary changes from SAFETEA-LU, such as consolidation of programs, performance auditing and accounting, and accelerated project delivery. We hope you will be able to join us.

Our officers and committee members are all volunteers. Last month we announced our new officers for the year (see page 10). This month I am pleased to announce the following new committee member appointments:

- Matt Beaulieu, WSDOT Northwest Region Traffic, joins Tony Woody, CH2M Hill, as Co-chair of the Traffic Simulation Roundtable, held annually.
- Susan Bowe, WSDOT Highways and Local Programs, is our Newsletter Editor, taking over from Carter Danne upon his election to Secretary.
- Richard Hutchinson, KPG, is chair of our Student Activities Committee, supporting the UW Student Chapter and students at Seattle University. Meagan Powers from DKS Associates stepped down as Co-chair but has graciously offered her services as a committee resource.

If you would like to help support ITE WA activities, there are a number of activities that you can consider as a volunteer. Our current needs include:

- Safety Committee member to help with our current effort to help update and implement Target Zero, Washington State's Strategic Highway Safety Plan.
- Student activities and student chapter. We need people to support and mentor students and organize annual student presentations.
- Annual Meeting Committee member to plan for the ITE WA Annual Meeting in June, 2013.
- Local Arrangements Committee. We anticipate establishing this committee early next year to host the 2014 ITE International Annual Meeting and Exhibit, which will be held August 10-13, 2014 at the Washington State Convention and Trade Center in downtown Seattle.

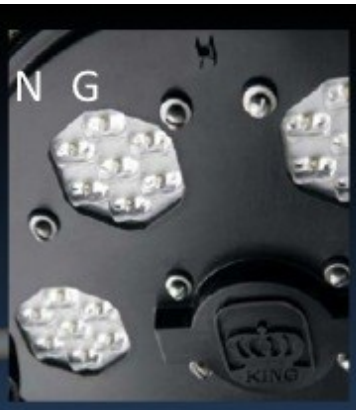
If you are interested in volunteering for any of these ITE WA activities, please see me at our October 9 monthly meeting (see page 1), or send me an e-mail. I welcome your participation.

Jim Ellison, President
itewapresident@gmail.com or jim@jameswellison.com

Condolences

ITE-WA's Board and section members offer their heartfelt condolences to fellow ITE members and friends Dave and Deby Alm and their family members, whose son Christopher Wallace Alm, 24, passed away unexpectedly on Saturday, September 22, 2012 in a traffic accident.

LED LIGHTING & ROADWAY SOLUTIONS



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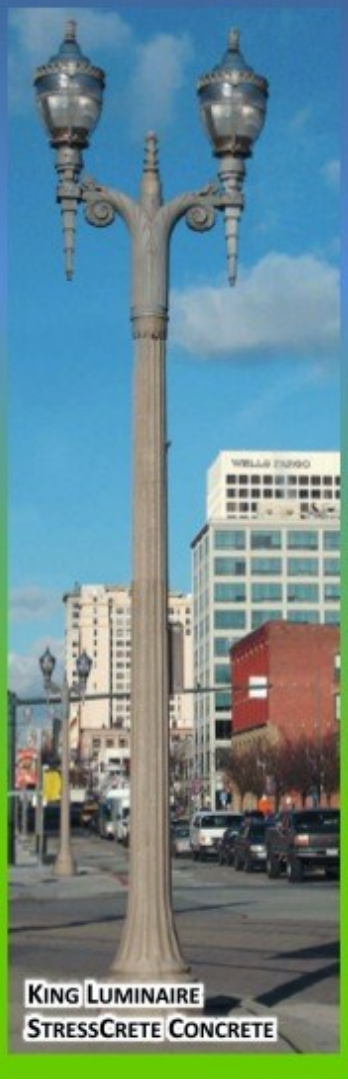

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Scribe Report

Highlights from the September 11 Luncheon Meeting at Salty's on Alki Beach

By Paul Cho, ITE WA Scribe, City of Redmond

Beautiful September weather has become a trademark for the Pacific Northwest. This year, more than ever, the weather was an extension of the sunny late summer we've enjoyed. Another local trademark is the September meeting in the Alki Room at Salty's restaurant on Alki Beach to kick off the new ITE year. Before enjoying a buffet lined with grilled Alaskan salmon, top sirloin steak, and Salty's famous seafood chowder, members caught up on the summer's happenings while looking across the water to the Seattle skyline. It was almost enough to forget about the meeting topic, except that the topic was so serious and worthwhile that it was impossible to do so. The subject was Seattle's Road Safety Action Plan to eliminate serious injuries and fatalities on Seattle streets by 2030.

View from Salty's on Alki Beach
Photo by Paul Cho

Before City of Seattle's presentation, Jim Ellison, this year's Washington section President, introduced fellow officers Dongho Chang (Vice President/Treasurer), Carter Danne (Secretary), and Kevin Chang (Past President). He then invited the 59 members to a round of self-introductions before turning the meeting over to guest speakers Peter Hahn (Director) and Jim Curtin (Senior Planner) from Seattle Department of Transportation (SDOT).

Mr. Hahn painted a picture of how Seattle evolved through the years and how structures that marked the sign of progress such as the Alaska Way viaduct and Interstate 5 created barriers and divided the city. The vision to knit back the city was the basis to form an action agenda. He then motioned to Jim Curtin to provide more technical details of the Plan.

Sparked by a high profile bicycle versus car collision in 2011, the Road Safety Action Plan targeted pedestrian and bicyclist fatalities, which are overrepresented in Seattle. When SDOT studied recent crash data, they found that the contributing factors often included impairment, excessive speed, or distraction, with another commonality of males under 30 involved in many of the collisions on weekends. Seattle's goal became no fatalities or serious injuries by 2030. To get there, Seattle will have to reduce the number of fatalities and serious injuries by one per year.

The goal seemed unobtainable at first. But one fatality is one too many if you are an affected family member. In addition, the cost to society is upwards of $6 million per incident. And think of the cost of fatalities to the state. Mr. Curtin presented an estimate from the Centers for Disease Control and Prevention that fatality collisions in

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Scribe Report

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Washington State cost $665 million each year. Just think of the possibilities if these cost savings could be applied in other areas to benefit society.

The Road Safety Action Plan consists of a multi-pronged approach ranging from targeted enforcement, to education, to new projects, to basic repair and maintenance. Of the items on the plan, Mr. Curtin stressed an objective of encouraging every Seattleite to have empathy for those killed or injured in traffic collisions. The city believes that meeting this objective is the most crucial in order to have zero fatalities.

Upon completion of the formal part of the presentation, Mr. Curtin and Mr. Hahn continued by fielding questions from the members. Jim Ellison then returned to thank both speakers and to announce the next section meeting on Tuesday, Oct 9. Please see page 1 for more information.

ITE Washington State Section 2012-2013 Meeting Schedule

These dates are subject to change depending upon availability of venues.

- Tuesday, October 9 – MAP 21: Moving Ahead for Progress in the 21st Century Act. See page 1.
- Tuesday, November 13 – Downtown Bellevue Transportation Plan
- Tuesday, December 11 – Breakfast & Training
- Wednesday, January 16
- Monday, February 11 – ITE/International Municipal Signal Association (IMSA)
- Tuesday, March 12
- Tuesday, April 9
- Tuesday, May 14 – Student night
- Monday, June 10 – Annual meeting
- Tuesday, June 11 – 25th Annual Golf Tournament

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Direct: (206) 787-8919
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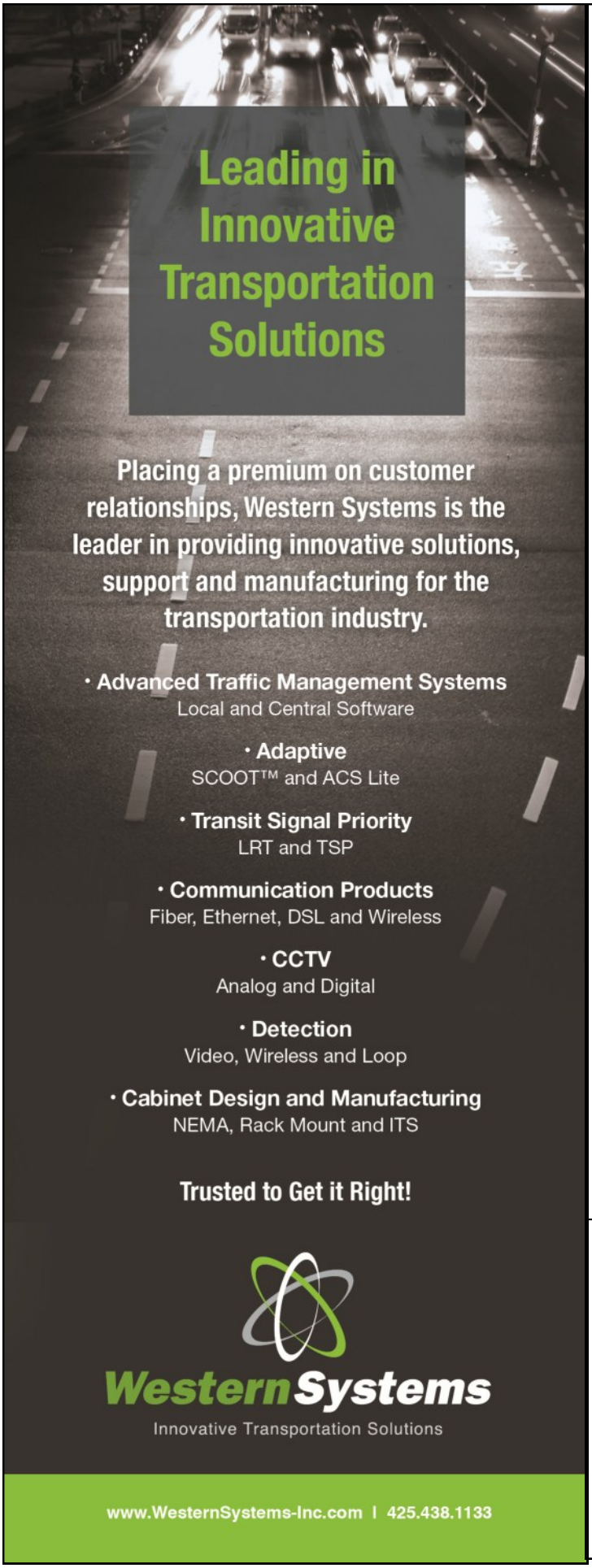


Safety Corner

By Gary Norris, Safety Committee Chair, DN Traffic Consultants

The ITE Safety Council distributed their Fall e-newsletter in September. There were two topics that may be of interest to ITE-WA members:

USLIMITS2: ITE-WA member Brian Chandler of SAIC wrote an article on the recently released USLIMITS2, a web based tool aimed at assisting practitioners in determining appropriate speed limits. The article states that 30 percent of all traffic fatalities are a result of excess speed. To learn more about the USLIMITS2 program please see http://safety.fhwa.dot.gov/uslimits .

Safety Numbers from Portland, OR: Metro in Portland, OR recently completed a report titled *State of Safety* for the Portland Metropolitan region. The report discussed a study, which found the following:

- 59 percent of the fatal/incapacitating injuries occurred on arterial streets with only 12 percent on freeways and ramps
- 66 percent of pedestrian crashes and over 50 percent of bicycle crashes occur on arterial streets
- 57 percent of fatal crashes were alcohol related
- The number of fatal/incapacitating injury crashes increased as congestion decreased
- Street lighting was found to be substandard in pedestrian fatal/incapacitating injury crashes.

Based on the results of this study, the Portland Metropolitan region will be developing a *Regional Safety Plan*. You can read more about the *State of Safety* report at www.oregonmetro.gov/regionalmobility.

Also, for those who are interested, we are still looking for members to join the Section Safety Committee. If you are interested, please contact me at 425-765-5721 or gary.norris@comcast.net. Thanks.

Campus Corner

Activities and Opportunities for 2012-2013

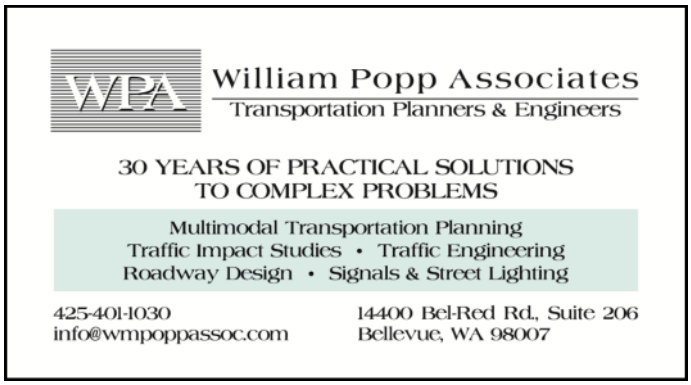
By Richard Hutchinson, Student Activities Committee Chair, KPG

Here we go!! It's the kick-off to another school year for the Washington students involved with ITE. Key activities and the opportunities to keep an eye on this year include:

ITE Western District Data Collection Project Grant
The University of Washington Student Chapter hopes to receive a $1,000 grant from the ITE Western District this year. The purpose of this grant is to generate relevant technical data for transportation engineers and planners and fund practical, day-to-day, minor research in transportation engineering and planning. UW has won the grant five years in a row. Let's see if they can keep it up! Announcements are expected in mid 2013.

$1,500 Undergraduate and $2,000 Graduate Scholarships
Scholarships from ITE WA for students in transportation engineering or transportation planning for are due the first week in April. Applications and criteria will be posted on the ITE-WA website this winter. If you know a student that you think would be a good candidate, encourage them to submit an application.

Student Night
Last year's Student Night was a success. Students from University of Washington and Seattle University participated, along with ITE WA professionals. Thank you to City of Seattle for contributing information for the intersection safety project. We are looking for a demonstration project again for this year's Student Night. If you know of a project or issue that you think would be interesting, please contact me at 253-344-5267 or richardh@kpg.com. This is a good opportunity to bring an interesting project or issue that has been on the back burner and/or that is lower on the funding priority list to the forefront. Students will visit the site, crunch a few numbers, and present their ideas on how to address the issue. Who knows, they may come up with something that no one in your office even imagined!



Training

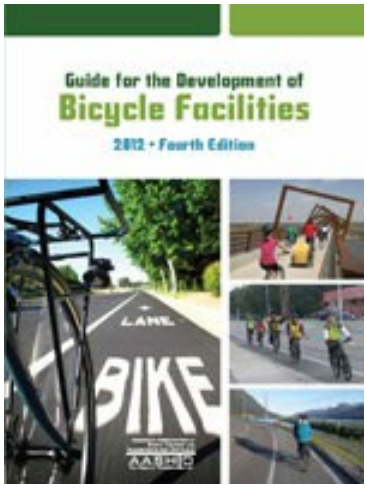
AASHTO Guide for the Development of Bicycle Facilities

Date: Friday, October 26, 2012

Location: City of Seattle, 700 5th Ave.,
Room 4050/4060,
Seattle, WA 98124

Time: 8:30 A.M. - 4:30 P.M.

Local Hosts: City of Seattle Dept. of Transportation and Washington State ITE



This is a key resource for transportation professionals in designing, building, modernizing, and preserving safe and efficient bicycle facilities. To make sure officials in your community stay abreast on this important guidance, the League of American Bicyclists has teamed up with Toole Design Group, the Federal Highway Administration, and AASHTO to deliver in-depth trainings across the country. Taught by professionals from Toole Design Group, a national firm that specializes in multi-modal planning, this training will give local practitioners the knowledge they need to implement innovative design solutions, and new signs, signals, and pavement markings for bicyclists.

Attendees will Learn:

Substantial changes and new content in the 2012 AASHTO Bike Guide, including innovative design solutions and:

- New guidance on signs, signals and pavement markings builds on 2009 MUTCD and other AASHTO guidance.
- How the Guide can be used in conjunction with other key sources, including the Highway Capacity Manual and NACTO Urban Bikeway Design Guide.

How to Register:

Go to http://members.bikeleague.org/members_online/registration/register.asp?mt=AASHTOWA&af=LAB

or

Go to www.bikeleague.org
Click on *"Cycling in your Area"* to find your course.

Cost Per Registrant:

$160

Price does not include the cost of the Guide. Registrants will receive a 20% discount on the cost of the Guide from AASHTO. Information on the discount will be made available after registration.

Contact for Questions:

Alison Dewey, League of American Bicyclists
202-621-5443
alison@bikeleague.org

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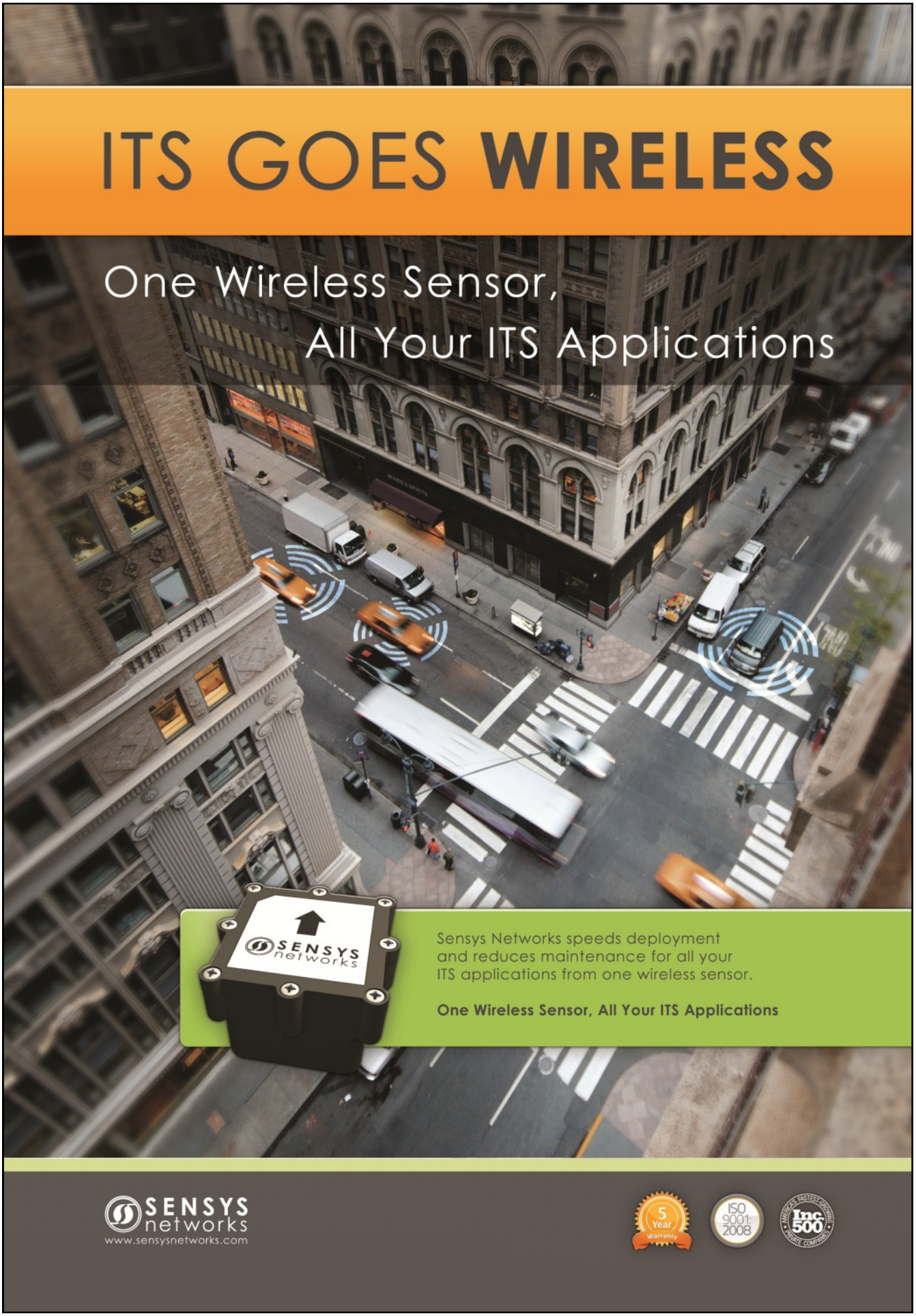
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Section Business

Section Board for September 2012-August 2013

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- 1/2 page: $500
- Full page: $1,000

Ads run from January through December. To submit your ad, please send it in jpg, png, or tif file format to: Carter Danne at cdanne@gmail.com . Also send a check for the ad size you desire to: Dongho Chang, City of Seattle, P.O. Box 34996, Seattle, WA 98124.

Newsletter Contact Information

Please let us know if your contact information changes so that you continue to receive monthly ITE WA announcements and newsletters by e-mail. To update your information, click on the Membership tab on the ITE WA website: http://www.westernite.org/Sections/washington/index.htm .

Newsletter Comments and Article Submissions

If you have comments on this newsletter or have an interesting topic or project to share, please contact Susan Bowe, Newsletter Editor at itewaeditor@gmail.com .