INSTITUTE OF TRANSPORTATION ENGINEERS / WASHINGTON STATE SECTION

ITE WASHINGTON

http://www.westernite.org/Sections/Washington/ April/May 2014

Letter from the President

Dongho Chang, WA Section President

On April 22, King County voters voted on Proposition 1: Sales and Use Tax and Vehicle Fee for Transportation Improvements. This proposal required a simple majority approval that would have helped fund transit bus service and transportation road safety/ maintenance improvements for King County and incorporated cities in the county. The proposition failed but if approved, the King County Transportation District would have been authorized to impose an increase in sales tax by 0.1 percent and impose an annual $60 motor vehicle registration fee for a period

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Next Meeting

ITE WA Student Night

Come join us for Student Night on Tuesday, May 13 at Ivar's Salmon House on north Lake Union in Seattle. This evening will provide a great opportunity for networking between students and professionals. We encourage you to attend and help us support students interested in transportation engineering and transportation planning.

This year we have a project from the City of Seattle. Students have been asked to propose changes to the five-way intersection of Chelan Avenue SW and SW Spokane Street to improve traffic operations and safety. Here, freight, passenger vehicles, pedestrians, and bicycle riders must all negotiate together. There is a specific goal to ensure that the pedestrian and bicycle connection to the Alki Trail is made safer and easier for all ages and abilities. More information. The top three plans will be chosen based on a vote at the end of the evening. Students will be competing for cash prizes of $500, $300, and $200.

Also at the end of the evening, this year's $1,500 undergraduate and $2,000 graduate scholarships will be awarded to students in transportation engineering or transportation planning.

WHEN Tuesday, May 13, 2014
5:30 - 6:30 p.m. - Poster board session
6:30 - 7:45 p.m. - Dinner and student presentations
7:45 - 8:00 p.m. - Presentation of scholarships and awards

WHERE Ivar's Salmon House, 206-632-0767
401 NE Northlake Way, Seattle, WA 98105 (view map)

COST $40 for ITE members. Free for all students.

MENU
- Ivar's world famous clam chowder and your choice of:
  - ◊ Alder grilled Coho salmon
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  - ◊ Mashed Potatoes
  - ◊ Vegetables
- Dessert: Assorted cookies and brownies.

RSVP Please register with Carla Nasr at itewaregister@gmail.com no later than 5:00 p.m. on Friday, May 9. Those who register and do attend will still be billed for their meal.

Letter from the President *(Continued from page 1)*

of ten years. There would have been a $20 rebate to assist persons with low-income.

King County residents, the media, and area elected officials are engaged in a good public dialog. We are discussing why we only have these types of narrow and regressive funding mechanisms available in this special election to maintain our crucial transportation system that everyone needs for our society to function safely. The choices made available by the state legislation are through the following statutes: RCW 36.73.065, RCW 82.14.0455, and RCW 82.80.140 if you have the interest in looking into this further. This discussion is very relevant at the national level as well. The model that funds our transportation system should be changed in order for businesses, organizations, and the public that form our communities to be served in a consistent and reliable way.

I believe funding transportation substantially through property and business tax is a better funding model than our current gas and vehicle user tax. The street system that provides connection to our homes and businesses is a critical utility, just like electricity and water. The value of property that is significantly landlocked will decline if there is no easy way to access it. Could our transportation system be partially or perhaps mostly funded based on this property and utility model, rather than on a motor vehicle use model? This could open up many possibilities for communities to advocate for those transportation investments that communities value. I'd love to hear your thoughts and perspectives. Let's continue to have this dialog and engage in this broader discussion at the local, state, and national level.

Dongho Chang, President, itewapresident@gmail.com

Job Announcement

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http://www.redmond.gov/Government/Employment/EmploymentOpportunities/.

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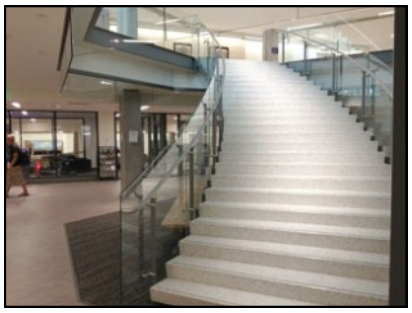
Scribe Report

March Luncheon Meeting: Reducing Collisions More Effectively

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

As we climbed the steps to the upper meeting room of the newly remodeled Husky Student Union Building on the University of Washington campus, our thoughts were with those involved in the horrific crash earlier in the morning. A KOMO TV news helicopter crashed in Seattle immediately after take-off which resulted in two fatalities of the occupants and serious injury to a driver of a vehicle on the ground. It was too real of an example of the fragility of life. This month's ITE and Pacific Northwest Transportation Consortium (Pac Trans) joint meeting focused on Target Zero's goal of zero deaths and serious injuries in Washington State by 2030. Though the goal seems impossible, when the death is linked to a family member or loved one, it is imperative.



The central staircase in the University of Washington Husky Union Building. Photo courtesy of Skanska Construction, Seattle.

Yinhai Wang, Pac Trans Director, started the meeting by providing a background on PacTrans,

> *a coalition of transportation professionals and educators from five northwest universities (Oregon State University, University of Alaska Fairbanks, University of Idaho, University of Washington, and Washington State University). With dual themes of safety and sustainability, PacTrans serves as an engine and showcase for transportation research, education, and workforce development in the Pacific Northwest. (Source: PacTrans)*

Mr. Wang thanked ITE for holding this month's free luncheon meeting on campus, which allowed more local and visiting international students to attend. Carter Danne, ITE WA Vice President/Treasurer led introductions to provide the speakers with a general make-up of the attendees. Carter covered for Dongho Chang, section President, who was unable to attend due to urgent traffic needs related to the earlier incident.

Our first speaker, Chris Madill, Director of Programs and Services at the Washington State Safety Commission shared the vision of zero deaths. Every three years, the agency leads the rewrite of the Strategic Highway Safety Plan (Target Zero), the state's plan to drop fatal and serious injury rates to zero by the year 2030.

Though some people initially thought the vision was crazy, traffic related deaths and serious injuries really have been decreasing from 2003 to 2012 through targeted Enforcement, Engineering, Education, and Emergency Medical

(Continued on page 6)

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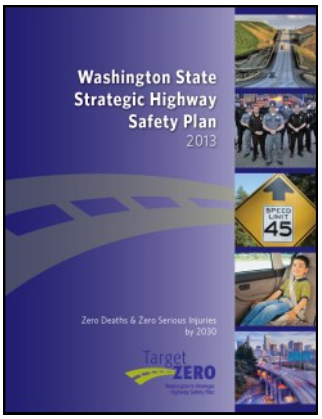
Scribe Report *(Continued from page 4)*

Services programs and strategies. For example, to reduce fatal and serious injury intersection-related collisions, converting to roundabouts and complete streets, providing newsletter items about safety issues, and enforcing the speed limit can help.



With Target Zero's update, distracted driving joined impaired driving as a level one priority area. How do we reduce distracted driving? We can enforce and strengthen laws, install rumble strips, and increase through education driver awareness of the negative impacts of distraction on emergency vehicle response . We can also look to connected vehicles, autonomous vehicles, and vehicle crash avoidance systems such as automated braking. Some of these technologies are available now. By combining the aspects of Engineering, Education, Enforcement, and Emergency Medical Services, we can achieve the goal. How quickly we achieve the goal is the variable.

Our next speaker, Matthew Neeley, Priority Programming and Scoping Manager for Washington State Department of Transportation (WSDOT), spoke about how WSDOT improved their collision and analysis method. The existing method looked at short term observed crashes. An updated collision analysis report was compared to a previous report and efforts would focus on repeat problem areas. With this method, it was difficult to prioritize projects due to overestimation of injuries. The method also didn't take many other factors into consideration such as time changes to traffic flow or a regression to the mean bias.

The new method uses an expected long-term crash frequency and areas of analysis are now split into urban and rural areas. Also, the state is now separated into west side and east side and ranked with the highest expected average frequency. The method uses Safety Analyst software to take a closer look at specific corridors.

A round of questions and answers followed after the two presentations. Jim Ellison, section Past President provided announcements for the next meeting in April before adjourning the meeting.

Washington State Department of Transportation
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

Washington Traffic Safety Commission

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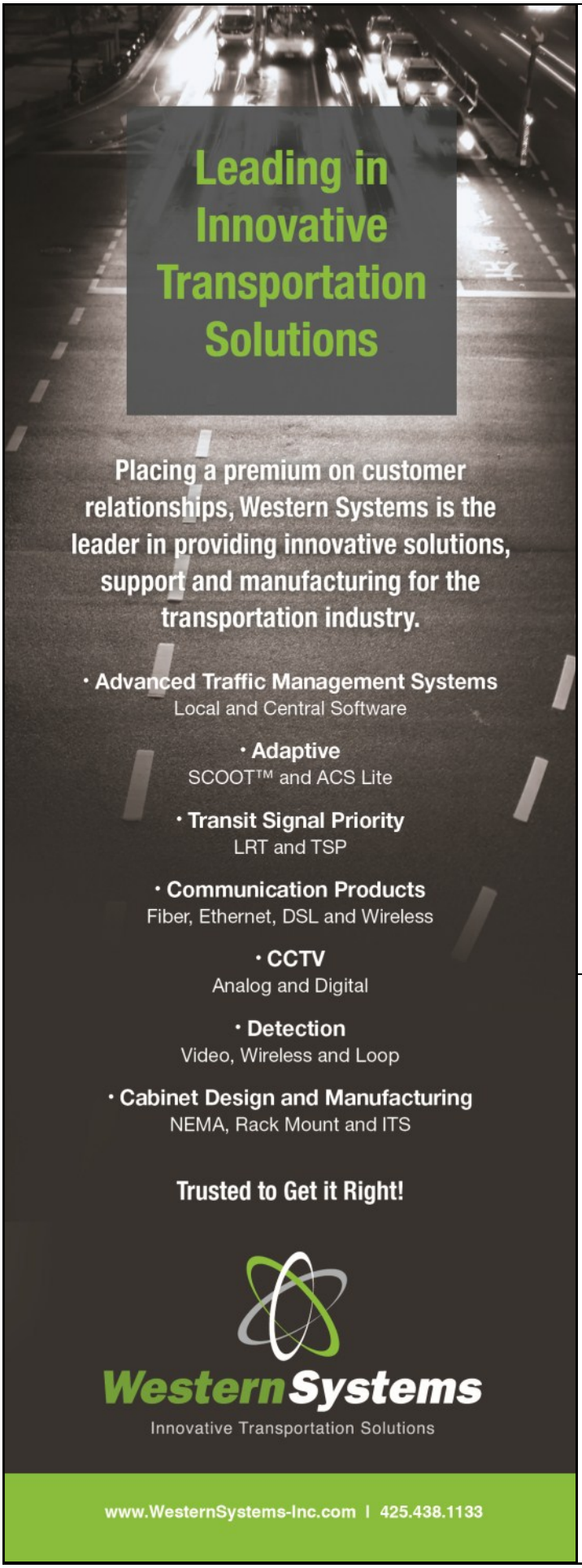


Scribe Report, Continued

April Luncheon Meeting

Our April luncheon meeting was held at Daniel's Broiler on Lake Union and our speaker was Dr. John Campbell, Research Leader at Battelle who led the team to develop the current *Human Factors Guidelines for Road Systems* (*HFG*). He presented an overview of the contents of the HFG, a roadway design resource that provides data and insights from the scientific literature on the needs, capabilities, and limitations of road users. The HFG provides design guidelines and recommended countermeasures for more than 90 topics, including roadway location elements (curves, grades, intersections, interchanges, construction/work zones, rail-highway grade crossings, etc.) and traffic engineering elements (signing, changeable message signs, pavement markings, lighting, etc.).

Dr. Campbell explained how the HFG can be used to enhance initial roadway planning and design activities, conduct diagnostic assessments of safety concerns and incidents, and support road safety audits. He also provide an update on pilot studies taking place in five states to evaluate the usefulness of the HFG.

This current edition of the HFG is a significant update of previous published reports, and includes eight new chapters. It has been published as NCHRP Report 600 and is available for free download.

ITE Washington State Section

Find us on the Web:
http://www.westernite.org/Sections/washington/events/events.html

Or follow us on Twitter: @ITE_Washington

ITE WA Event Schedule for 2014

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

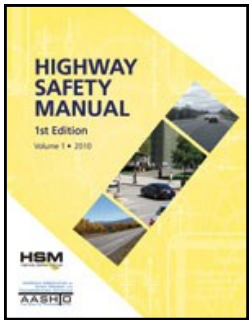
- **Tuesday, May 13:** Student night at Ivar's Salmon House on North Lake Union in Seattle. See page 1 for details.
- **Tuesday, June 10:** Annual Business Meeting. Half-day.
- **Wednesday, June 11, 9:00 a.m.:** 26th Annual ITE Terry Gibson Golf Classic. See page 14 for details.
- **Sunday, June 29 – Wednesday July 2:** Western District Annual Meeting in Rapid City, South Dakota.
- **Sunday, Aug. 10 – Wednesday Aug. 13:** ITE WA will host the 2014 ITE International Annual Meeting and Exhibit in Seattle.

Call for Presentations for ITE WA's Annual Meeting

We are looking for presentations for ITE WA's Annual Meeting that will be held on Tuesday, June 10. If you have one that you would like to give or know of a presentation or an interesting topic, please contact Jamal Mahmoud at 425-486-4443 or Jamal.Mahmoud@ci.bothell.wa.us. Thank you.

Safety Corner: News

By Gary Norris, Safety Committee Chair, DN Traffic Consultants



At the March luncheon meeting we had a great opportunity to hear from the Washington Traffic Safety Commission (WTSC) regarding the goals of the updated Target Zero, Washington State's Strategic Highway Safety Plan. It was exciting to hear that we are on track to meet our state's goal of zero fatalities and serious injury crashes. Chris Madill, Deputy Director, discussed how the agency has a research effort in place to reconcile the injury status of crash victims. Historically, the police do not have sufficient information or medical training to make accurate judgments on the medical status of crash victims. The research should lead to the development of a process that will eliminate this disconnect and lead to a more accurate classification.

The presentation prompted me to raise the issue of the accuracy of crash databases. In my travels around the state, I have found a large discrepancy in the way different agencies record their crash data and the records they rely on to evaluate crash histories. With the advent of the Highway Safety Manual and the prioritization of safety projects using crash data, accurate and complete data is essential. In an attempt to improve this condition, we have begun a conversation with the Washington State Department of Transportation and the WTSC. If anyone else has an interest in this subject, or any other safety subject please contact me or one of the other Committee members:

- 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
- Gary Norris, gary@dntrafficconsultants.com
- Robert Shull, rshull@transportmodeler.com

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

Campus Corner

Successful First ITE Student Summit Leadership Conference

By Matthew Dunlap, ITE UW Student Chapter President

Over the weekend of February 15-17, 2014, the UW ITE Chapter attended the first Student Summit Leadership Conference held at CalPoly Technical Institute in San Luis Obispo, California. The main focus of the conference was on leadership. Namely, what it takes to be a leader and how to be successful in the working world by practicing good leadership skills.

The participants in the 2014 ITE Student Summit Leadership Conference

All in all, the conference attracted more than 70 students from ten universities located in three states. As it turned out, the University of Washington travelled the furthest of all of them and we even received an honorary plaque for doing so.

The conference was a very interactive social event. Students had the opportunity to meet other students from different schools and backgrounds. At first, it was hard to break the ice and get through those first awkward moments. But as time passed, we all found plenty to talk about, whether it was arguing about the feasibility and safety improvements of installing roundabouts in place of traditional signalized intersections, or recapping on the latest season of Game of Thrones.

There was not much idle time during the conference as our days were packed full of activities in the form of workshops, team building activities like Traffic Jeopardy, and speeches by several nationally well-known transportation officials. Guest speakers at the conference included a myriad of prominent and accomplished transportation engineers including: Zaki Mustafa, former ITE International president; Radell Iwasaki, Executive Director of the Contra Costa Transportation Authority; and Dr. Jeralee Anderson, Executive Director of Greenroads Foundation.

There was much to be learned from listening to these individuals and I could not suppress the feeling of inspiration as Mr. Iwasaki recited a personal anecdote about how he helped oversee the construction of the new Oakland Bridge. If I could take away one thing from this conference besides the nice red tan I caught on the beach in the warm California sunshine, it would be that successful people aren't born, but rather, they are developed through experience, perseverance, personal commitment, and most of all, hard work.

Institute of Transportation Engineers
University of Washington Student Chapter

Created to promote the education and professional development of students interested in transportation engineering and planning.

Learn more at http://students.washington.edu/ite/

Vote by June 6 for ITE WA Section Secretary for 2014-2015

Electronic ballots for Section Secretary for the 2014-2015 year will be sent out in May to current members of ITE WA. We are pleased to have two active and enthusiastic candidates for the position. Please review their statements below. If you need a paper ballot, please contact Jim Ellison, Past President, at jim@jameswellison.com. The results will be announced at the Annual Meeting and Conference on Tuesday, June 10. Thank you.

Mike Hendrix, P.E., PTOE, Traffic Engineer, Perteet, Everett, WA

It is an honor to run for Secretary of the Washington State section of ITE. For the past three years, I have been the webmaster of our chapter's website including maintaining the site, adding new features such as our Twitter feed and adding years of presentations for viewing. Over the 14 years that I have been a member of ITE, from my senior year in college until today, ITE has been paramount in my understanding of what transportation engineering is. Transportation engineering is more than the work we do; it is a combination of the work we do with the people we serve. As such, our organization needs to support both our communities and our profession.

If elected, my priorities would be to expand support for our profession both internally and externally.

- Examining if we can offer sites to view webinars offered by ITE, TRB, and other transportation related organizations, lowering the cost to individuals and increasing our local knowledge base.
- Increase our chapter's contribution to the technical side by encouraging technical research projects from our chapter, such as our Safety Committee.
- Support our membership by recognizing the great work that we do on a project level. We recognize the outstanding achievements of individuals; now, we should recognize the projects and teams that build our profession.

The continuation of this organization is only due to the work that is done by the membership. It would be an honor to serve as your Secretary. Thank you for your consideration.

Jerry Liu, P.E., PTOE, Senior Traffic Engineer, Tetra Tech, Bellevue, WA

I am honored to run for the position of Secretary for the Washington State Chapter of ITE. I have over 20 years experience working with both public and private sectors. I have been involved with ITE for over 12 years, serving the past seven years on Washington's ITE/IMSA Joint Conference and Annual Meeting committees. This experience has prepared me to effectively serve as your secretary.

I enjoy all that ITE provides, especially technical sessions and opportunities to communicate and connect with peers. I truly believe that we can achieve more goals and in more meaningful ways when we work together. My commitment is to support the strong leadership in place and continue to collaborate with our members in support of our community.

If elected as your secretary, I intend to focus on the following for our ITE Section:

1. Continue to provide affordable presentations and training that focus on members' needs and industry trends.
2. Strengthen the relationship among ITE members, continuing to make a stronger organization.
3. Improve our relationship with other professional associations, such as ASCE and ITS Washington, to enhance opportunities for our members.

I sincerely ask for your vote in this year's election. I am fully committed to serving you. **Thank you!**

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

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

Candidates for ITE 2014-2015 International Vice President

Ballots will be mailed soon to all ITE International members.

Paula F. Benway, FITE

Associate, Transportation, Stantec Consulting, Inc., Rochester, NY USA
paulaforitevp@gmail.com, Follow me on Twitter @paula_benway, Facebook, or LinkedIn

My Vision for ITE

We are living in an era of transformation! Led by forces like technological advancement; funding policies and sustainability; economic, societal, and environmental trend. This provides us with an immense opportunity to transform alongside our industry. Our organization must be at the forefront of a positive movement, using the power of our networks to collaborate with others in creating new solutions to the challenges before us.

Visibility

We must promote and enhance ITE's role as a respected transportation authority while being an advocate for our members' needs, goals, and capabilities. Transportation professionals need an institute that helps them address the issues facing our communities. Collaborating with other organizations to address community needs and working with policymakers at all levels of government elevates our position as leaders in the industry.

Accessibility

To make ITE the premier organization, we need to be more accessible to our members. We can do this by providing platforms that expand our use of the digital technology of today and tomorrow to educate the next generation. We need to provide useful tools that allow our members to draw on realistic assessments and forecasts of cities, economies, and the environment. In addition to technical expertise, diversified professionals with strong skills in facilitation to engage the public, advocacy to influence policymakers, and collaboration to engage partners are critical to our success. We must bridge the knowledge, wisdom and experience of current and past generations to guide and propel the success of the next generation.

Affordability

We must provide cost-effective professional development opportunities such as webinars and briefings, and improve our annual meetings. Our annual meetings offer an invaluable opportunity by providing technical knowledge, workforce development, global information exchange, and networking. We must explore the use of technology to expand the reach of the meeting and make it more affordable to the majority of members who rarely have the opportunity to attend.

Raymond E. Davis, III, P.E., PTOE, FITE

Vice President, TrafficDuco Inc., San Francisco, CA USA
www.ite.org/Ray4ITE, Ray4ITE@gmail.com, Follow me on Twitter @ray4ite, Facebook, LinkedIn

MAKING ITE WORK FOR YOU

I celebrate 40 years of active involvement in ITE in 2014. The return on my investment has exceeded my expectations every step of the way, for the public and for me, professionally and personally. I'm a better professional because of ITE and being a better professional made my career advancements possible. Now, I want to make sure you have the same opportunities to grow that I did, tailored to meet your needs.

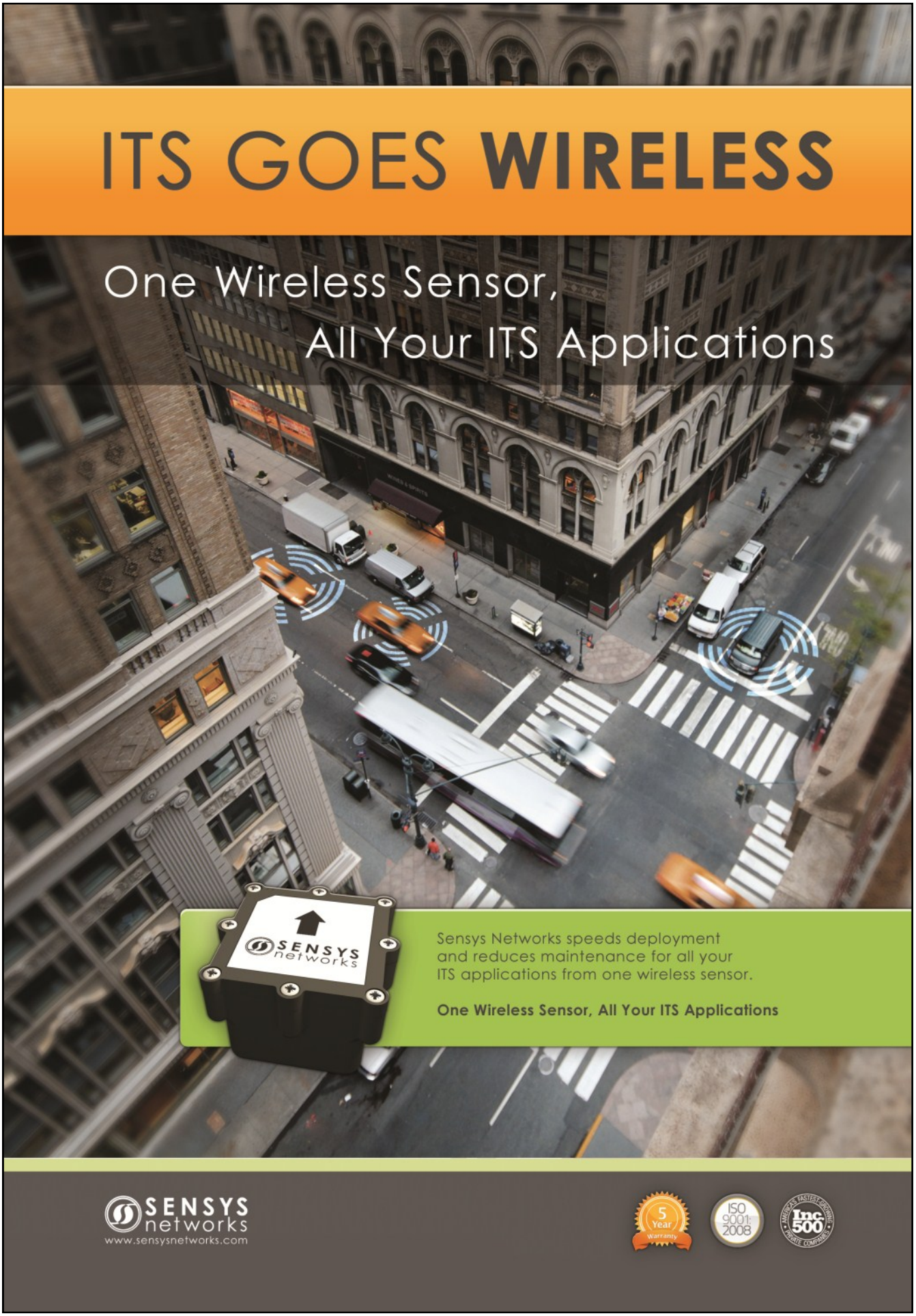
We all have competing activities that make it a challenge to be active in ITE. We need to increase opportunities to participate and access information and remove barriers to involvement. We need to make sure that ITE publications, conferences, and training are relevant to dealing with today's issues in a cost effective manner.

My vision for **Making ITE Work for you:**

- Leverage Technology and Social Media to better serve our members.
- Continued support of *LeadershipITE*.
- Expand our electronic library to enable instant access to all of our publications.
- Define out global role to identify how we can support transportation professionals worldwide, especially in Asia.

Implementing this vision will allow you to become a better professional, and that will enhance our profession as a whole.

I have been very fortunate to serve at all levels of ITE leadership (21 years at elected or appointed positions). I was co-founder and President of a Student Chapter, Section President of two sections, Western District President and a Director on the International Board. I have served on the Executive Committees of three ITE Councils and chaired the Public Sector Council as well as serving on numerous technical committees. This combined with my experience in the public sector as a City Traffic Engineer and Public Works Director and in the private sector in senior management positions has enabled me to listen and recognize the needs of our members at all levels of ITE. My passion, experience, vision, and time available to commit to ITE will make sure that with your support I will Make ITE Work for You.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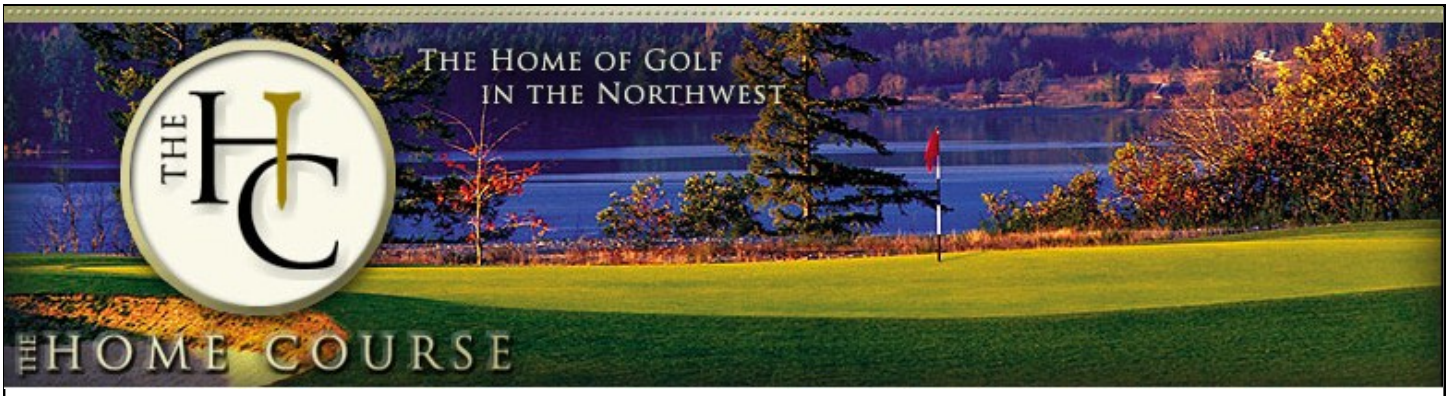


The Home Course, site of the ITE Terry Gibson Golf Classic. #26. Photo courtesy of The Home Course.

ITE Terry Gibson Golf Classic #26

The Home Course – DuPont, WA

Wednesday, June 11, 2014, 9 a.m. Shotgun Start

By Mark Poch, Tournament Chair, City of Bellevue

Happy spring everyone! You may have noticed a new name for the Classic. With the passing of our tournament founder Terry Gibson this past January, we had many inquiries about changing the tournament name in his honor. After input from the team captains, the ITE Board approved the name "ITE Terry Gibson Golf Classic." This will be a fitting name that will keep Terry's memory close as we venture out to golf together each June. We also would like to honor Terry by continuing to help others through Engineers without Borders. You will have an opportunity to do this by pitching in a dollar or two when you register, at your option. We negotiated a favorable price at this year's venue, so please consider this option. Thank you!

The Home Course is home to both the Washington and Pacific Northwest Golf Associations, and also billed as the home of amateur golf in the Northwest. Opened in 2007, The Home Course is an exceptional track that will be the site of the 2014 United States Golf Association (USGA) Women's Public Links national championship this summer.

Our tournament will have a shotgun start at 9:00 a.m. and will feature the popular "scramble" format. **Please check in no later than 8:15 a.m.** The Cost for the event is **$80 per person or $320 per team of four** and will include use of the range, power cart, competition prizes, and BBQ after the round. We need to give a **final count to The Home Course by Friday, May 9** to meet our guaranteed minimum number of golfers, **so please pay by May 9 (or make arrangements with Mark)!** Be sure to be a part of our famous day of golf, food, and fun! Please fill out and mail in your registration form on page 15 and call or email Mark Poch (425-452-6137, mpoch@bellevuewa.gov) to reserve your place in the tournament. Two players from each team must be ITE members (call Mark for exceptions). Single golfers or couples are definitely welcome as we usually have a couple teams with less than four players.

Please leave yourself plenty of time to get to the course. We have unlimited use of the practice facility prior to the shotgun start, so come early and warm up. The course address is 2300 Golf House Road, DuPont, WA 98327, 253-964-0520. From I-5, take exit 118 (Center Drive). Go west and turn left on McNeil Street, then travel 1.3 miles through a residential area. Turn right on Hoffman Hill, turn immediately right again, then left onto Golf House Road. See map.

ITE Terry Gibson Golf Classic

Registration Form

The Home Course – DuPont, WA
Wednesday, June 11, 2014 – 9:00 a.m. Shotgun Start
Mark Poch – Tournament Chair

NOTE: If you would like to donate to Engineers without Borders in Terry Gibson's honor, simply write your check for a dollar or two extra and that amount will automatically go to that fund. This is totally optional and not required to register.

Team Name/Firm/Agency _____

Names & emails for you and any other players in your group:

_____

_____

_____

_____

_____ Check enclosed for myself/others ($80 per person)

_____ Check enclosed for entire four person team ($320)

(Payment deadline is May 9, make check payable to ITE - Washington Section)

Teams – The Executive Board has requested that two or more team players must be ITE members and/or registered for the June Annual Meeting. Call Mark for exceptions – thanks!

Cost - $80 per person, $320 per team. Includes range balls, golf, power cart, prizes, and BBQ after the round.

Sponsors - We need you! Please contact Mark Poch (mpoch@bellevuewa.gov, 425-452-6137) about sponsoring this year's Gibson Classic!

Format – Popular "Scramble" format, each player hits/putts best ball from tee to green.

Awards – ITE traveling trophy to team with low score. Special hole competitions (kp/long drive). Lots of great raffle prizes!!

Defending Champions – National Utility Contractors Association (NUCA) of Washington

Please mail this registration form with payment to:
Mark Poch
City of Bellevue – Transportation Department
450 – 110th Avenue NE
Bellevue, WA 98004

Training Announcements

Portland State University's Initiative for Bicycle and Pedestrian Innovation (IBPI) Program presents:

Comprehensive Bicycle Design & Engineering 1.0

This course will cover the fundamentals of bikeway planning, which is rapidly evolving, and design through an intensive week of interactive classroom and field experience. It will bring you up to speed on the cutting edge in practice and research and offer valuable skills for your professional life. Instructors will integrate transit access and connections, bridges, trail crossings, and other special features into discussions, while using project examples to highlight practical applications of the principles and techniques covered. Effective education and encouragement programs, including public involvement strategies, will also be discussed. The course will provide approximately 32 hours of training, which equals 32 CMs (American Institute of Certified Planners—AICP) or 32 PDHs.

Who Should Attend: Urban planners and transportation engineers, policy makers, advocates and others interested in a broad overview of bicycle design, programs, policy, and funding. This class best serves people from communities who are working to implement their first major bicycle master plan. This class has more of a planning focus and provides introduction to engineering issues.

Dates: Sunday, July 27-Thursday, July 31, 2014
Location: Portland State University in Portland, Oregon
Cost: $995. This includes continental breakfast, snacks, lunch, and course materials. The fee does not include travel, lodging, or other meals while in Portland. A limited number of scholarships are available if you apply by May 12.
Instructors: Mia Birk, Alta Planning + Design; Peter Koonce, Adjunct Faculty; and other instructors.
To register: Click here.

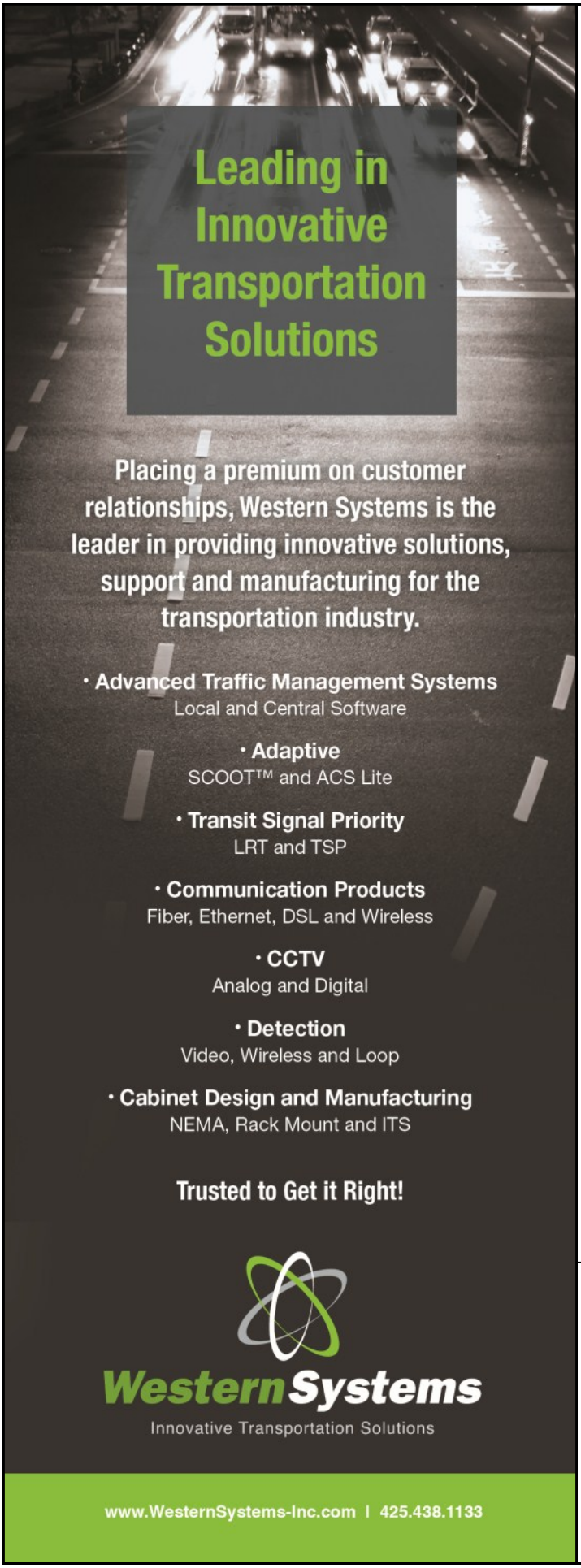
Comprehensive Bicycle Design & Engineering 2.0

This course will cover the fundamentals of bikeway planning and design through an intensive week of interactive classroom and field experience. It will bring you up to speed on the cutting edge in practice and research and offer valuable skills for your professional life. Instructors will integrate transit access and connections, bridges, trail crossings, and other special features into discussions, while using project examples to highlight practical applications of the principles and techniques covered. Topics may include:

- Protected bikeways
- Suburban and rural design
- Bicycle facility design of intersections, crossings, signals
- NACTO/AASHTO/MUTCD coordination
- ADA and bicycle design
- Funding opportunities
- One-on-one engineering consultations on bicycle design

Who Should Attend: Transportation engineers, urban planners, citizen experts, past participants of the IBPI week-long class and others interested in in-depth engineering and planning examples of bikeway design and innovation. This class best serves people from communities who already have a developed bicycle network, municipal staff continuing to work on implementing bicycle facilities and are looking to move their community into the next phase of bicycle friendliness. This class will focus on in-depth problem solving on difficult planning and engineering issues.

Dates: Monday, August 25-Friday, August 29, 2014
Location: Portland State University in Portland, Oregon
Cost: $995. This includes continental breakfast, snacks, lunch, and course materials. The fee does not include travel, lodging or other meals while in Portland. A limited number of scholarships are available if you apply by May 12.
Instructors: Mia Birk, Alta Planning + Design; Peter Koonce, Adjunct Faculty; and other instructors.
To register: Click here.



Grant Funding

The following are administered by Washington State Department of Transportation Local Programs division:

Highway Bridge Program

Funds from: Highway Safety Improvement Program of MAP-21, the Federal Transportation Act.
Estimated program size: $70-$90 million.
Applications due: Monday, May 5, 2014. Details: http://www.wsdot.wa.gov/LocalPrograms/Bridge/Funding.htm

Safe Routes to School Program

Funds from: Washington State Transportation Budget.
Estimated program size: $8 million, split with the Pedestrian and Bicycle Program.
Applications due: Monday, May 5, 2014. Details: http://www.wsdot.wa.gov/LocalPrograms/SafeRoutes/CallForProjects.htm

Pedestrian and Bicycle Program

Funds from: Washington State Transportation Budget.
Estimated program size: $8 million, split with the Safe Routes to School Program.
Applications due: Sunday, 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.
Estimated program size: $27 million.
Applications due: Monday, 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.
Estimated program size: $37 million.
Applications due: Wednesday, July 16, 2014. Details: http://www.wsdot.wa.gov/LocalPrograms/Traffic/FedSafety.htm

View a list of upcoming funding workshops at http://www.tib.wa.gov/services/training/training.cfm

Section Business

Section Board for September 2013-August 2014

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Dongho Chang, P.E., PTOE City Traffic Engineer City of Seattle 700 Fifth Avenue P.O. Box 34996 Seattle, WA 98124 206-684-5106 itewapresident@gmail.com	Carter Danne, P.E., PTOE Associate Civil Engineer City of Seattle 700 Fifth Avenue P.O. Box 34996 Seattle, WA 98124 206-684-0817 itewatreasurer@gmail.com	Paul Cho, P.E., PTOE Traffic Operations Engineer City of Redmond 15670 NE 85th St., MS 2NPW P.O. Box 97010 Redmond, WA 98073-9710 425-556-2751 pcho@redmond.gov	James W. Ellison, P.E. Consulting Traffic Engineer 1600-B SW Dash Point Rd., #33 Federal Way, WA 98023 253-666-2377 jim@jameswellison.com

Newsletter Advertisements

Advertising for this newsletter is available in the following sizes:

- Business card: $100
- 1/4 page (width = 3 1/4 inches, height = 5 inches): $250
- 1/2 page (width = 7 1/2 inches, height = 5 inches or width = 3 1/4 inches, height = 10 inches): $500
- Full page (width = 7 1/2 inches, height = 10 inches): $1,000

Ads run from January through December. To submit your ad, please email it in jpg, png, or tif file format to: Paul Cho, ITE WA Secretary at itewasecretary@gmail.com. Also send a check made out to "Institute of Transportation Engineers" for the ad size you desire to: Carter Danne, ITE WA Vice President/Treasurer at the above address. Please call Carter Danne at the above phone number to instead pay using the Square Card Reader or PayPal.

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 email. 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 about this newsletter or have an interesting announcement, topic, or project to share, please contact Susan Bowe, Newsletter Editor at itewaeditor@gmail.com.

ITE WA website

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

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