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ITE WASHINGTON

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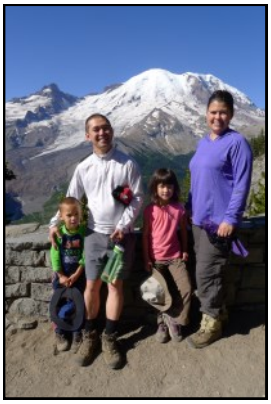
September 2013

Letter from the President



WA Section President Dongho Chang with his family (right to left): Ann Marie, Mia, and Jayden

My daughter, Mia, exclaimed to everyone in earshot that this was the best day of her entire life. It was her first backpacking trip. Our family had just set up our tents, hung our food away from hungry bears, and hiked up to see an incredible view of Mount Rainier. I felt very guilty explaining that the Emmons Glacier, the source of the White River that was roaring in the background, was melting away and it was most likely due to the warming of our earth. I felt guilty because Mia had just pointed out to me that our trip by car to the National Park and my airplane ride to Boston earlier this month had contributed to global warming.

Our family had a good talk about how we must balance our individual decisions with a broader look at the consequences of our actions. Our enjoyment of this wonderful mountain was

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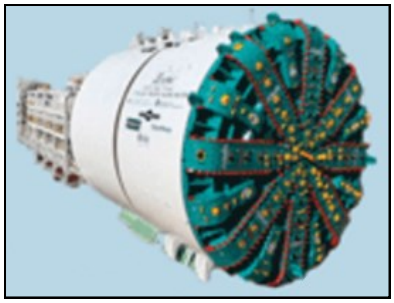
September Meeting

SR 99 Alaskan Way Viaduct Replacement Project

The world's largest tunnel boring machine, Big Bertha, began its 14 month journey under downtown Seattle in late July. Learn about the details of this incredible engineering feat and the construction of an underground highway under the city from Matt Preedy, WSDOT's Deputy Program Administrator for the Alaskan Way Viaduct Replacement Program.



Bertha
Courtesy of WSDOT and Seattle Tunnel Partners

WHEN Tuesday, September 10, 2013
11:30 a.m.- 2:00 p.m.

WHERE Salty's on Alki Beach
1936 Harbor Ave. SW
Seattle, WA 98126 (Get directions) 206-937-1600

COST ITE members: $45
Non-ITE members: $50. Free parking.

MENU A buffet lunch that includes grilled wild Alaskan salmon, top sirloin steak, Salty's famous seafood chowder, Caesar salad, three cheese tortellini, grilled jumbo asparagus, sourdough bread and butter, Starbucks coffees, Tazo teas and iced tea, and white chocolate mousse cake.

RSVP Please register with Carla Nasr at itewaregister@gmail.com by 5:00 p.m. on Friday, September 6. Those who register and do not attend will be billed the full amount to cover the cost of their meal.

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Letter from the President

(Continued from page 1)

contributing to the changes of these majestic glaciers. Mia told me that she'll use resources wisely and that she'll finish all her dinner. She wound up dumping most of her dinner onto the dirt floor by accident, but she did finish her second serving. I told her that I will continue to ride a bicycle to work and on trips near our house. I also told her that that I will do my part to improve how people and goods are safely and efficiently accommodated in our city.

We, as individuals and as transportation professionals, have an enormous responsibility to our society. Our personal actions and professional decisions all impact the daily lives of the people that we serve and shape the growth and development of our communities. Let's keep this in mind as we go about our busy work and home lives and have a robust dialog in our ITE section meetings this year.

I'd like to thank Jim Ellison for his leadership as section President last year. It is bit daunting to step into his large shoes. The depth and breadth of Jim's knowledge and experience is very humbling and impossible for me to fill. I am reassured by the fact that he will still be helping to guide me through this year in his role as Immediate Past President. Please join me in welcoming Paul Cho as your new Secretary and Carter Danne as your Vice President / Treasurer.

Our section will host the 2014 ITE International Annual Meeting from August 10 through August 13. Jim Bloodgood from Snohomish County and Rory Grindley from Pierce County have volunteered to serve as our Local Accommodation Committee Co-chairs. They are working with ITE national staff and have started the planning process for this meeting. I thank each of you in advance for helping us with this annual meeting by volunteering. Let's show our national and international members the best of our section and our state.

Our September kick off meeting will be held at Salty's on Alki Beach in Seattle. We will get an update on the SR 99 Alaskan Way Viaduct Replacement Project, a presentation that is promised to be exciting. The tunnel boring machine, named Bertha, started her digging at the end of July. You will learn about the details of this incredible engineering feat and the construction of an underground highway under the City of Seattle from Matt Preedy, WSDOT's Deputy Program Administrator for the Alaskan Way Viaduct Replacement Program. I hope to see many of you as we learn more about Bertha, the world's largest tunnel boring machine.

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

Please join me as we transition from summer and kick off a great year for ITE WA.

Dongho Chang, President
itewapresident@gmail.com

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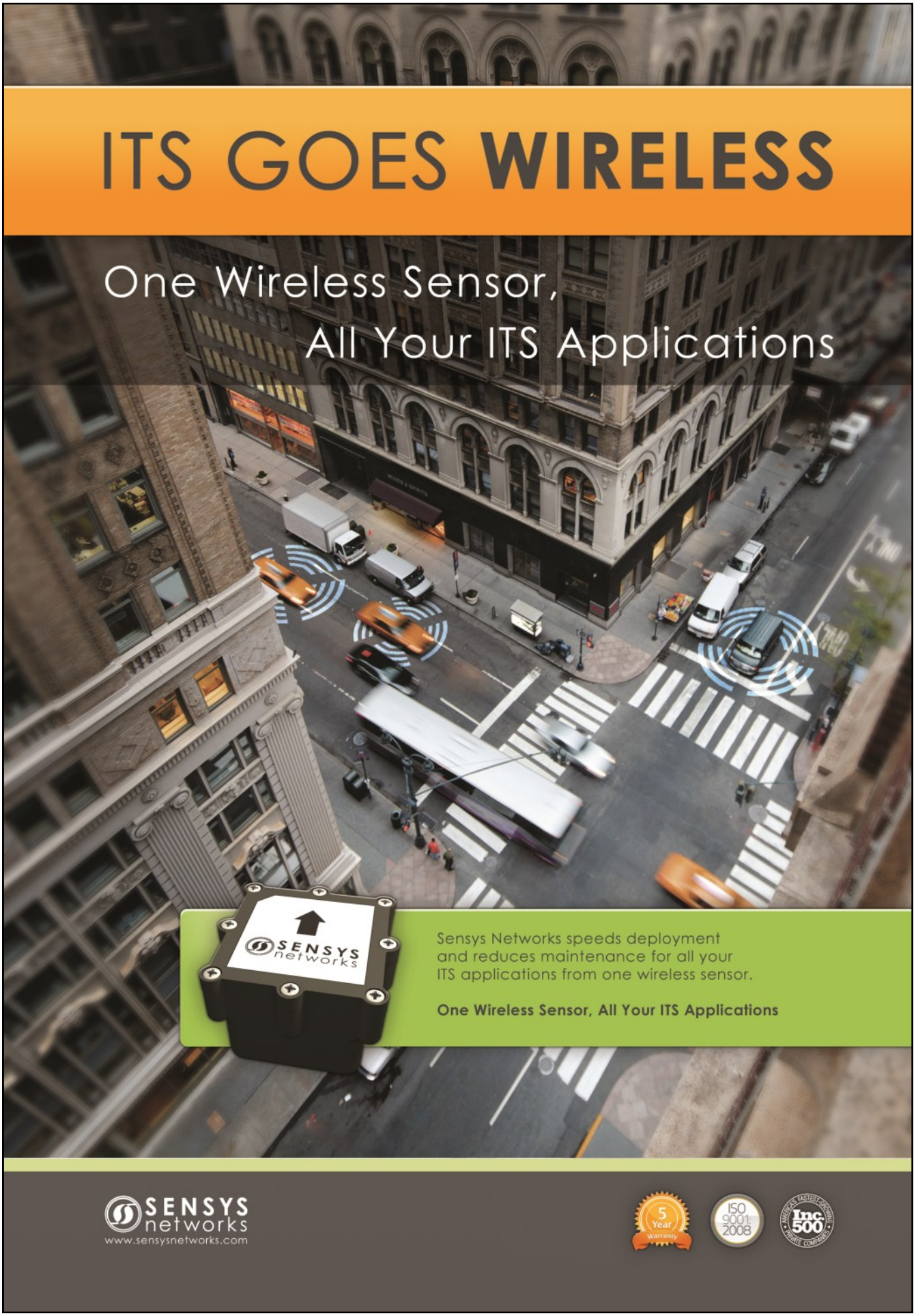
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News

2013 Joint ITE Oregon and Washington Simulation Conference

Please join us for the Annual Joint ITE Oregon and Washington Simulation Conference, featuring speakers from the Oregon and Washington sections. Lunch will be provided thanks to the Oregon and Washington chapters. Space is limited, so please register early if you would like to attend.

When: Monday, September 30, 2013, noon - 4:00 p.m.

Where: David Evans and Associates, Inc.
2100 SW River Parkway
Portland, OR 97201 (view map)
1-800-721-1916

Cost: Free

Agenda:

12:00-12:45: Check-in, Lunch, and Presentations
- Opening Remarks: Matt Beaulieu (WSDOT) and Tegan Enloe (DKS)
- Lunch Topic: SimTraffic, Getting Closer to Simulation? – Miranda Wells (HDR)

12:45-2:00: Topic A: Data Integration and Statistics
- Confidence Intervals and Data Inputs – Doug McClanahan, LisaRene Schilperoort, and Ray Shank (WSDOT)
- Day to Day Variations in Origin Destination Data– Mike Mauch (DKS)
- TideFlats Area Transportation Study (VISUM to VISSIM Integration) – Robert Sicko (Fehr and Peers)

2:00-3:00: Topic B: Advanced Freeway Management
- Modeling HOT Lanes – Alex Kiheri (Kittelson)
- ATMS Modeling – Thomas Bauer (Traffic Technology Solutions)

3:00-3:50: Panel Discussion: Alternative Intersection Design Analysis. Moderator - Brian Woodburn (Parametrix) Panel Members - Josh Anderson (DEA), Joshua Johnson (CH2M), and Smith Siromaskul (HDR)

3:50-4:00: Closing Remarks by Brian Woodburn (Parametrix) and Miranda Wells (HDR)

To register: Please send an email to oritesimulationroundtable@gmail.com to reserve your seat by Monday, September 23rd, 2013.

For questions: Please e-mail Matt Beaulieu (Matt.Beaulieu@wsdot.wa.gov) or Brian Woodburn (bwoodburn@parametrix.com).

News

New Officers Inducted

Elections were held this past spring for ITE WA Section officers for the 2013-2014 year. The names were announced at the ITE WA Annual Meeting on June 10 at The Golf Club at Newcastle. Congratulations to:

(from left to right)

- Dongho Chang, P.E., PTOE, City of Seattle, President
- Carter Danne, P.E., PTOE, City of Seattle, Vice-President/Treasurer
- Paul Cho, P.E., PTOE, City of Redmond, Secretary
- Jim Ellison, P.E., Consulting Traffic Engineer, Immediate Past President

ITE WA Event Schedule for 2013-2014

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

- Tuesday, September 10 – SR 99 Alaskan Way Viaduct Replacement Project. See page 1 for more information.
- Monday, September 30 – Oregon/Washington Simulation Roundtable. See page 5 for more information.
- Tuesday, October 8 – Lunch meeting
- Tuesday, November 12 – Lunch meeting
- Tuesday, December 10 – Breakfast/Training
- Tuesday, January 14 – Lunch meeting at the Nile Shrine Golf Center in Mountlake Terrace.
- Monday, February 10 – ITE/International Municipal Signal Association (IMSA) meeting
- Tuesday, March 18 – Lunch meeting
- Tuesday, April 8 – Lunch meeting
- Tuesday, May 13 – Student Night
- Tuesday, June 10 – Annual Business Meeting
- Sunday, June 29 – Wednesday July 2 – Western District Annual Meeting in Rapid City, South Dakota
- Sunday, August 10 – Wednesday August 13 – ITE WA helps with hosting the 2014 ITE International Annual Meeting and Exhibit in Seattle.

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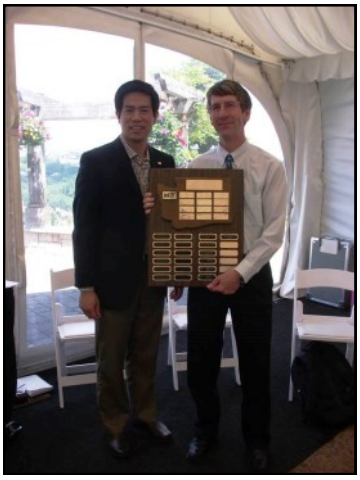
News

2013 Washington State Section Awards

By Kevin Chang, Ph.D., P.E., Immediate Past President, King County

This year the Washington State Section continued its long-standing tradition of honoring select individuals who have made a special impact to the section and to ITE. The section gave two awards at the 2013 Annual Meeting at the Golf Club at Newcastle on June 10.



Mark Hallenbeck (right) receives the Outstanding Achievement Award from Kevin Chang.
Photo by Carter Danne

Mark Hallenbeck received the Outstanding Achievement Award. Mark is Director of the Washington State Transportation Center (TRAC) office, located at the University of Washington in Seattle. Mark has been with TRAC for over 26 years, after he worked as a consultant in Washington, D.C. for four years. Much of his research at TRAC involves the collection, use, summarization, and reporting of data that describe urban roadway performance. A major focus of his research has been on creating performance reports. These reports not only describe how well a freeway system is working, but also help decision makers understand why a transportation agency should undertake specific operational improvements and what benefits those measures provide once they are implemented. Mark was also our Keynote Speaker for our 2011 Annual Meeting.

Mike Hendrix, P.E., PTOE was this year's Outstanding Young Professional Award recipient. Mike is our Webmaster and set up our Twitter account. He received his Bachelor of Science in Civil Engineering from the University of Arizona. After a brief stint as a traffic engineering consultant, Mike moved back to the public sector when he took a job with the Seattle Department of Transportation in 2006. In 2008, he moved back to consulting, beginning a career with Perteet that continues to this day. Mike has been a member of ITE since 2000 when he joined during college. He also had the honor of serving as the Secretary/Treasurer for the Southern Arizona ITE Section prior to moving to the Pacific Northwest.

Mike Hendrix (right) receives the Outstanding Young Professionals Award, also from Kevin Chang.
Photo by Carter Danne

Please join me in congratulating Mark and Mike on their awards and for their service ITE WA!

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News

All Photos by Deby Alm

ITE Golf Classic #25 Tournament Recap

By Mark Poch, City of Bellevue and Terry Gibson, Gibson Traffic Consultants Inc., Tournament Chairs

The Champs! – NUCA's David Talcott, Dan Patsula, and Steve Mauss

Mark Poch (City of Bellevue) with Long Drive Women #10 Winner Melody Rong

ITE WA members played the Silver Anniversary ITE Classic on June 11 at our tournament founder, Terry Gibson's old home course, Canterwood Golf and Country Club in Gig Harbor. Although showers were forecasted, it turned out to be a sunny day with a nice cooling breeze. Nineteen groups of hardy golfers, 74 golfers total, teed it up for a shotgun start at 1 p.m. sharp to take on the challenging and beautiful track.

The team competition featured great scoring throughout the field…only the small fir cones that covered a few of the greens due to occasionally brisk wind seemed to slow the golfers down. There was a tie for first place between the National Utility Contractors Association (NUCA) of Washington team and the Pierce County team, with the NUCA team (Dan Patsula, Dave Talcott, and Steve Mauss) winning in a putt-off. Congratulations to Pierce County (Andrew Davis, Jeff Rix, Kyle Rix, and Matt Peschon) for placing second, and to the long time Redmond team (Bill Campbell, Don Cairns, Jeff Thompson, and Ron Grant) for placing third. The coveted last place award went to DKS #1 (Band Sittikariya, Dustin Rasmussen, Jason Holdridge, and Melody Rong).

Competition hole winners included Bret Tredway (City of Bellevue) for Long Drive #1, Greg Lucas (The Transpo Group) for Long Drive #10, Melody Rong (DKS) for Long Drive Women #10, Fred Wilhelm (Sound Transit) for (Closest to pin #3), Matt Preschon (Pierce County) for Closest to pin #7, Kyle Rix (Pierce County) for Closest to pin #12, and Jeff Thompson (City of Redmond)

(Continued on page 9)

ITE Golf Classic #25 Tournament Recap

(Continued from page 8)

for Closest to pin #17. After the golf, folks settled in for a great BBQ dinner and annual awards ceremony. Thanks to all our sponsors, we presented numerous individual and team awards, as well as many excellent raffle prizes. They included gift certificates to Home Depot and Azteca. Raffle winners included Brian Churchill (Pierce County), David Stone (Pierce County), Mike Singson (ATP), Scott Williams (Pierce County), and many others. A pair of Seattle Mariners tickets went to Andrew Davis (Pierce County). Our great sponsors that provided so much for this event included:

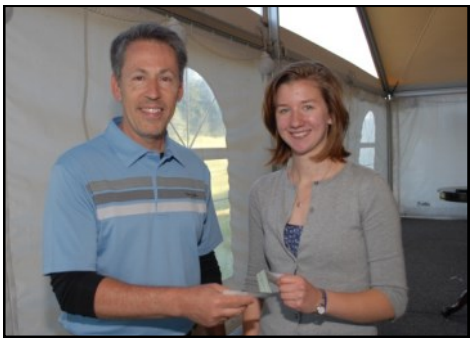
- All Traffic Data (Mark Skaggs) – Banquet
- Advance Traffic Products (Mike Singson) – Competition Holes
- Western Systems (Robert Nims) and Prime Electric (Bob Bracco) – Raffle Prizes
- Tetra Tech/INCA (Scott Williams) – Team Awards
- Kar-Gor (David Stone) – Engineers Without Borders Donation
- KPG (Richard Hutchinson) – General Sponsorship
- Zumar (Tom Brandes) – General Sponsorship
- TransCore ITS (Travis White) – General Sponsorship

A highlight of the awards ceremony was a toast to our tournament founder and friend Terry Gibson (Gibson Traffic), who was not able to play in this year's Classic due to recent health setbacks. Terry was in our thoughts. Terry and Mark talked last autumn about starting a small benefit on behalf of the Classic. To that end we presented our first ever donation to the UW chapter of Engineers Without Borders (EWB). So a big thanks goes to David Stone with Kar-Gor and Darcy Akers with the EWB UW student chapter for presenting and receiving an award for the chapter. Thanks also to Deby Alm (City of Redmond) who was once again our photographer. Because of her efforts all team captains received a digital photo of their groups, as well as the group photo on page 8.

We look forward to seeing everyone at next year's event!

BBQ and Awards Banquet

Gibson Traffic Team – Brad, Mark, Brad, and Matt

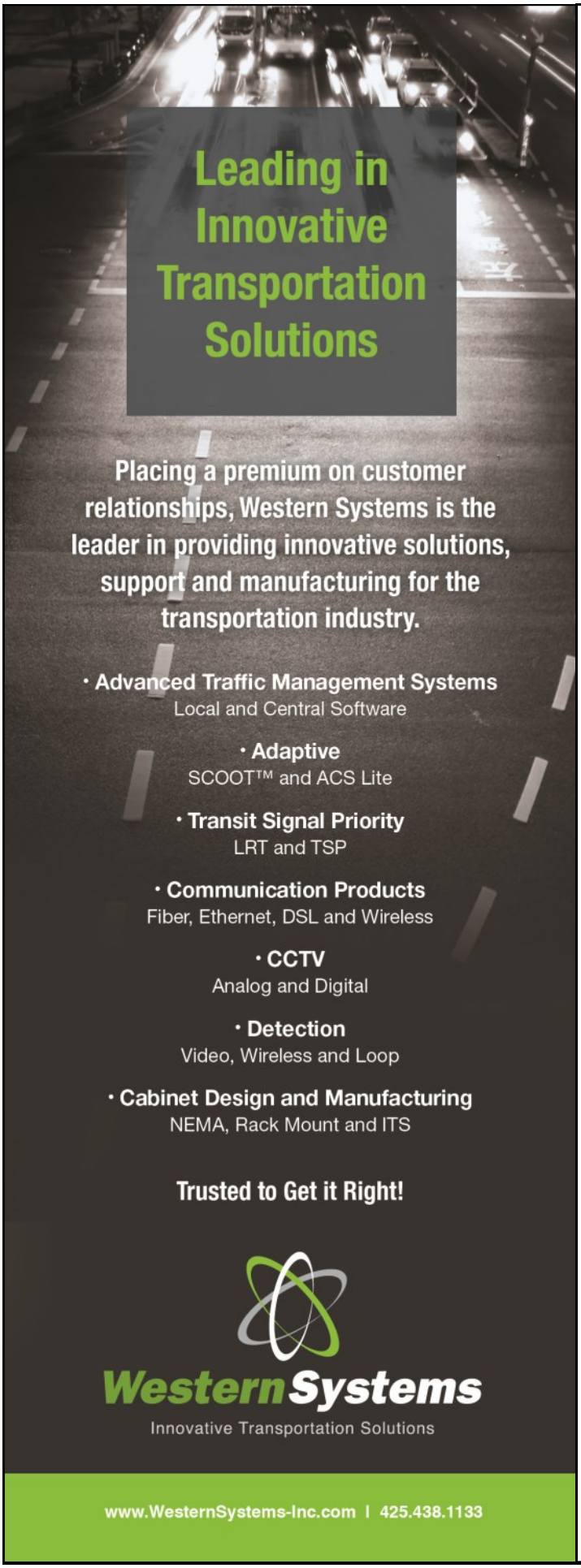


David Stone presents the Engineers Without Borders award to Darcy Akers

Third Place Redmond Team – Bill Campbell, Jeff Thompson, Ron Grant, and Don Cairns

ATP – Mike Singson and friends

Team Issaquah – Gary Costa and friends



Safety Corner

Wrap Up and Roll Out: News from the Section Safety Committee

By Gary Norris, Safety Committee Chair,
DN Traffic Consultants

I hope everyone had a safe and enjoyable summer. We had a great time sharing information and ideas on traffic safety at the Washington State Section Annual Meeting on June 10. For those of you who were able to attend, the Safety Committee appreciated your participation. I want to express my sincere gratitude for our Safety Track speakers and moderators, including:

- Darrin Grondel, Washington Traffic Safety Commission
- Desiree Winkler, City of Lakewood
- Ejaz Khan, Clark County
- Gary Norris, DN Traffic Consultants
- Gary Owen, City of Wenatchee
- Ida van Schalkwyk, WSDOT
- Matthew Enders, WSDOT
- Rachel Dietzman, San Juan County
- Robert Shull, Eco Resource Management
- Scott Davis, Thurston County
- Staci Hoff, Washington Traffic Safety Commission
- Stevan Gorcester, Washington State Transportation Improvement Board
- Steve Mullen, City of Kent
- Susan Bowe, WSDOT

This was a very exciting time for me as I listened to the enthusiasm of the participants. It makes me believe that we can achieve our state's goal of eliminating fatal and serious injury collisions in Washington State. This goal is found in *Target Zero*, Washington State's Strategic Highway Safety Plan that sets to eliminate traffic fatalities and serious injury collisions by the year 2030.

This year we will again be seeking participation in online training on the Highway Safety Manual. Those who completed the class last spring said that they learned a lot under member Robert Shull's "the best way to learn is to teach" approach. If you have interest in the upcoming class please contact me.

As part of the Safety Committee work this year, we will be exploring ways that we as individuals and as a section can help achieve Target Zero. If you would like to participate in this vital activity please contact me at gary@dntrafficconsultants.com. I look forward to an exciting year working together.

Volunteer Opportunity

Help Tally Washington's Bicyclists and Pedestrians from October 1st through 3rd

By Ian Macek, WSDOT and Jeff Aken, Cascade Bicycle Club

Photo courtesy of WSDOT

Last fall, nearly 60,000 bicyclists and pedestrians were counted by volunteers across Washington during a three-day survey. About 400 volunteers will be needed again this fall to count the number of people who ride bike or walk to their destinations.

"Counting bicyclists and pedestrians helps us more accurately measure demand, gauge the results of our investments and plan for future improvement projects," said Secretary of Transportation Lynn Peterson. "We couldn't document the number of people walking and biking without the help of many volunteers from across the state."

For this sixth annual survey, the Washington State Department of Transportation and the Cascade Bicycle Club are enlisting volunteers and organizations like Feet First and the Bicycle Alliance of Washington to help count the number of people bicycling and walking on paths, bike lanes, sidewalks, and other facilities Tuesday, Oct. 1, through Thursday, Oct. 3. Counts will be taken in a least 39 cities throughout the state.

WSDOT's count is part of the National Documentation Project, an annual bicycle and pedestrian count and survey effort that is sponsored by the Institute of Transportation Engineers Pedestrian and Bicycle Council. The count will also help measure WSDOT's progress toward the goal of increasing bicycling and walking while reducing the number of vehicle miles driven.

WSDOT and the Cascade Bicycle Club are asking volunteers from across the state to perform the counts in selected cities: Bainbridge Island, Bellevue, Bellingham, Bothell, Bremerton, Burien, Ellensburg, Everett, Federal Way, Issaquah, Kelso, Kent, Kirkland, Lake Forest Park, Lakewood, Longview, Mercer Island, Milton, Mountlake Terrace, Oak Harbor, Olympia, Orting, Parkland, Puyallup, Redmond, Renton, Richland, Seattle, Shoreline, Spokane, Spokane Valley, Tacoma, Tukwila, University Place, Vancouver, Vashon Island, Walla Walla, Wenatchee, and Yakima.

Those interested in helping can visit WSDOT's website or contact Cascade Bicycle Club at cpa@cascadebicycleclub.org or 206-861-9890. For questions please contact Ian Macek, WSDOT bicycle and pedestrian coordinator (Ian.Macek@wsdot.wa.gov, 360-705-7596) or Jeff Aken, Cascade Bicycle Club principle planner, (Jeff.Aken@cascadebicycleclub.org, 206-300-5932). Please forward this information to others that you think might be interested. Thank you in advance for your help.

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http://www.cascade.org/Home/

Another Volunteer Opportunity!

City of Seattle Design Commission

By Debbie Harris, Seattle Public Utilities

The Seattle Design Commission seeks a volunteer traffic engineer, transportation engineer, or transportation planner. The role of the Commission is to review projects that use City of Seattle funds or affect City of Seattle property and rights-of-way. I was a member of the Commission for the last 2 1/2 years as a traffic engineer and found the work to be very rewarding and a great way to give back to the community. I thought I was fairly well rounded in my professional career before I started. After six months on the Commission, I realized how much I was missing. The Commission showed me how to truly see projects from all users perspectives not just the road side. This in turn helped me to deliver projects with more than just the road and cars in mind. Some of the projects we reviewed in my time on the Commission are portions of the SR 520 project, sky bridges, the Alaskan Way Viaduct north and south connections, Mercer Street revisions, traffic calming, and Sound Transit light rail stations.

For more information about the Commission, please see http://www.seattle.gov/dpd/planning/design_commission/overview/. The position is technically open to all, although candidates who either work or live in Seattle are preferred. If you are interested in serving, please contact me, Debbie Harris, Seattle Public Utilities Capital Programs Manager (Debbie.Harris@seattle.gov, 206-733-9050) or Valerie Kinast, Commission Coordinator, (Valerie.Kinast@seattle.gov, 206-233-7911). Thanks and we look forward to hearing from you.

Seattle design Commission

http://www.seattle.gov/dpd/planning/design_commission/overview/

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Section Board for September 2013-August 2014

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- 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 e-mail it in jpg, png, or tif file format to: Paul Cho, ITE WA Secretary at itewasecretary@gmail.com . Also send a check for the ad size you desire to: Carter Danne, ITE WA Vice President/Treasurer at Carter Danne, Associate Civil Engineer, 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 .

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