



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

January/February 2015

## Letter from the President

I hope everyone enjoyed their holiday season and has had a productive start to the new year. Let me begin by thanking everyone who schedules time into their busy lives to volunteer for the ITE Washington State Section.



Carter Danne,  
WA Section President

Without you, we would not be as successful of an organization and the ITE Board is grateful for you and our success. What we do as an organization and profession makes an impact in the lives of many. The more people that join our efforts in making our communities and our world a better place, the better off we all are.

*(Continued on page 2)*

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## 2015 ITE/IMSA Joint Conference and Vendor Exhibition

ITE WA and the [International Municipal Signal Association \(IMSA\) Northwest Section](#) will together host the 2015 ITE/IMSA Joint Conference and Vendor Exhibition. Come and check out what's new in the traffic control and intelligent transportation systems industries, and meet with manufacturer representatives from more than 40 vendors. The event will also feature technical sessions.



Your Partner in PUBLIC SAFETY

- WHEN** Monday, February 9, 2015 8:00 a.m.—4:00 p.m.
- Vendor display: 8:00 a.m.—4:00 p.m. See the list of vendors on page [13](#).
  - Technical programs: 8:30 - 11:30 a.m. and 1:00 - 2:00 p.m. See the program on page [12](#).
  - Luncheon and prize raffle: 11:30 a.m. - 1:00 p.m.
  - Vendor seminars: 2:00 p.m. - 4:00 p.m. See the program on page [12](#).

**WHERE** DoubleTree Hotel Seattle Airport  
18740 International Boulevard, Seattle, WA, 98188  
[Get directions](#)

**COST** Vendor displays, programs, and seminars are all free. Lunch tickets are \$40 for ITE members and IMSA members and \$45 for non-members.

**PARKING** Parking is free – one validated parking ticket per vehicle.

**MENU** Chicken Diabole with apple-cinnamon bread pudding. Vegetarian option available upon request.

**RSVP** Registration was due by noon on Tuesday, February 3 to [itewaregister@gmail.com](mailto:itewaregister@gmail.com). The lunch reservation is non-cancellable and payment is non-refundable. If you have a lunch reservation but cannot attend, you will still be responsible for the cost of the lunch.

*(Continued on page 12)*

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

One of our efforts that furthers this cause is how we encourage students and those starting out in our profession to apply themselves to transportation engineering and planning and participate in our organization. With that, I would like to share with you one impact we are making on students, as noted on the card (right) we received from Matt Dunlap, University of Washington ITE Student Chapter vice president, for our involvement in the 2014 Region X PacTrans Student Transportation Conference on October 18, 2014. Please take a moment to read it.

This conference is usually held every year in October at the University of Washington's Seattle campus. This is a free event for students to learn about careers and current events and trends in transportation engineering and planning. I encourage future ITE boards to consider making our October monthly meeting part of this conference in order to draw transportation professionals there to help students. After our usual September kick-off meeting, it would make for a great school year kick-off to meet with our student members. I saw some very impressive presentations and research topics – the future of our profession is in good hands with the inquisitive minds joining our ranks!

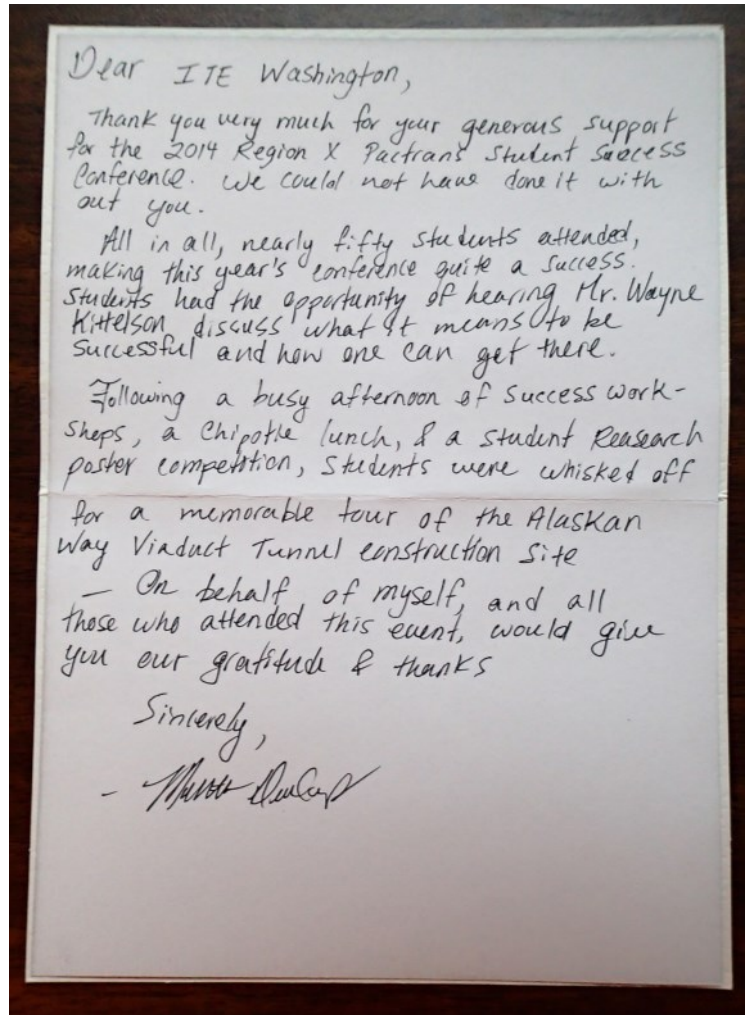
This month on Monday, February 9, we have our joint meeting and vendor display with the International Municipal Signal Association (IMSA). Some of you may be asking, especially those new or beginning in our profession, who is part of IMSA? The [IMSA website](#) defines their membership:

Membership is made up of persons employed by a governmental organization (city, state, federal, provincial, etc.) and private corporations who are interested in promoting public safety. The Association's objective through education and certification is to improve the efficiency, installation, construction, and maintenance of public safety equipment and systems by providing information to its membership on traffic signals, fire alarm systems, radio communications, signs and markings, roadway lighting, public safety dispatching and other related systems.

IMSA's [Northwest Section](#) is currently led by section president Mark Rodgers from Clark County Public Works. He summarized the make-up of the local section in his president's letter and you can read it [here](#) to deepen your knowledge of the organization. I encourage all of you to attend this joint meeting, especially if you have not done so in the past. It is a great opportunity to engage with IMSA and vendors and see firsthand new products that are available to make our transportation systems better!

Sincerely,

Carter Danne, ITE WA President, City of Seattle,  
[carter.danne@seattle.gov](mailto:carter.danne@seattle.gov)



Department of Transportation

**Mission:**

To deliver a safe and reliable transportation system that enhances Seattle's environment

A large orange spotlight graphic that illuminates the main title and dates. It has a dark blue shadow on the left side.

Spotlight


# PUBLIC WORKS ★

APWA Spring 2015 CONFERENCE

★ MARCH 31 - APRIL 3

GREATERTACOMA CONVENTION & TRADE CENTER

[WWW.APWAWACONF.COM](http://WWW.APWAWACONF.COM)

An illustration of two men standing on a stylized city map. The man on the left is wearing a black suit, white shirt, and tie, and an orange hard hat. The man on the right is wearing an orange safety vest over a black shirt, black pants, and a green hard hat. They appear to be in conversation. The background is a dark blue and purple gradient with a stylized city map in shades of green, yellow, and blue.

The APWA Washington Chapter Spring Conference is the place to be for anyone in a public works related field! With over 400 Public Works Professionals from throughout Washington in attendance, over 30 technical sessions - many worth Continuing Education Credits - and fun networking events, including 5k fun run, golf tournament, hosted social hours, and The Project of the Year Awards Banquet, this conference has it all.

## PRE-CONFERENCE WORKSHOPS

Too busy to attend the entire conference? Then pop-in for one of the Pre-Conference Workshops on Tuesday, March 31. At \$75 per session, these all day (8:30am - 4pm) workshops are a steal.

- Agency/Contractor/Consultant Summit  
*Eligible for both CEUs and CASC certificate hours (5)*
- Interactive LEAN Training And Project Showcase:  
The Skinny On LEAN
- STEM Mentor Training

## TECHNICAL SESSION SPOTLIGHT

We have technical sessions that take a closer look at many of today's hottest Public Works topics. Including:

- Basin-wide Stormwater Retrofits: Rural and Urban Watersheds
- An Approach to Prioritizing Sewer Infrastructure Improvements
- ICS Meets PDS
- Creating an Employee Emergency Accountability System
- Goal Setting and Achievement
- Consensus Building for Road Diet Projects
- Five Ways to Lose Your FHWA Funding
- Festival Streets: Designing for a Street Party!
- 2015 Construction Law Update

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## ITE WA Event Schedule for 2015

These dates for ITE WA meetings and events are subject to change depending upon the availability of venues. Also, events may be added. More details about future events will be provided in future newsletters.

- Monday, February 9 – ITE WA/International Municipal Signal Association (IMSA) meeting in SeaTac. See page [1](#).
- Friday, February 13 – Monday, February 16. Western District [ITE Student Summit Leadership Summit](#) at California State University in Sacramento.
- Tuesday, March 10 – Lunch meeting at the Nile Shrine Golf Center in Mountlake Terrace.
- Tuesday, April 14 – Lunch meeting. Location to be determined.
- Friday, May 1 and Saturday, May 2 – Quad Meeting in Vancouver, BC, Canada. See this page for details.
- Tuesday, May 12 – Student Night at Ivar's Salmon House on Seattle's Lake Union.
- Monday, June 8 – ITE WA Annual Business Meeting. Location to be determined.
- Tuesday, June 9 – ITE WA Terry Gibson Golf Classic #27. Location to be determined.
- Sunday, July 19 – Wednesday, July 22 – [Western District Annual Meeting](#) in Las Vegas, Nevada.
- Sunday, August 2 – Wednesday, August 5 – [ITE International Annual Meeting and Exhibit](#) in Hollywood, Florida.
- September, date pending – September meeting to kick off the 2015-2016 year, at Salty's on Alki Beach in Seattle.
- October 28-31 – ITE International Technical Conference in Tucson, Arizona.
- October – Pac Trans Region Transportation Conference at the University of Washington's Seattle campus.
- October – Pac Trans Student Transportation Conference at the University of Washington's Seattle campus.



## Save the Date

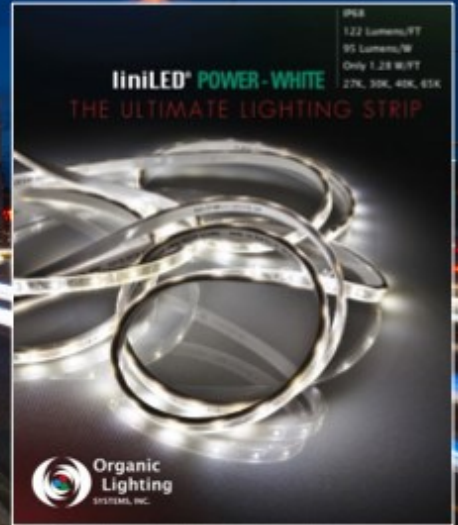


- HOST:** Greater Vancouver Section of ITE
- DATES:** Friday, May 1, 2015 and Saturday, May 2, 2015  
Tours and courses happen on Thursday, April 30, 2015
- LOCATION:** Pan Pacific Hotel, Vancouver, BC, Canada
- WEBSITE:** <http://www.citevancouver.org/quad2015/>
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# Scribe Report

## November Meeting with the Washington Transportation Professionals Forum

By Brent Powell, Perteet



Photo by Brent Powell

A free joint Urban Traffic Engineers Council (now known as the Washington Transportation Professionals Forum) and ITE meeting was held on November 12, 2014 at Federal Way City Hall. Seven presentations were delivered to 35 in-person and 49 webinar attendees. This included local agencies, consultants, vendors, and Washington State Department of Transportation (WSDOT). The [Washington Transportation Professionals Forum](#) is a group of transportation professionals who meet to share information about transportation issues to improve communities across the state. It was founded in the 1970s and has grown to incorporate all of the counties, all cities with population above 12,000, and many other partners in the state. The group is led by WSDOT Local Programs with a planning committee comprised of local agencies and their partners.

Local Programs' Susan Bowe started the meeting with introductions. She then introduced WSDOT's Nancy Boyd and Andrew Beagle, who detailed the upcoming changes to the WSDOT design manual to incorporate "practical solutions". Andrew explained that this approach would allow for more engineering when it comes to local roadway design, as opposed to applying standards that might not apply well to a particular context. Roadway classifications will soon incorporate surrounding land use, so an arterial in a downtown core may have different design considerations than an arterial on the outskirts of town. More information on practical solutions is available at WSDOT's [website](#).



Photo by Dina Swires

Next, Dina Swires from WSDOT presented on a relatively new use for flashing beacons: indicating that upstream traffic has stopped and is waiting for a turning gap. These have been installed around the state at locations with reduced sight distance. So far, data has shown a noticeable decrease in travel speed where the beacons have been installed. The picture on the left shows a wireless sensor that is installed in the pavement and communicates with the beacon.

A pair of speakers, Jennifer Swanson and Given Kutz from Skagit County, presented a case study on the Pioneer Highway/Fir Island roundabout. The

*(Continued on page 7)*

### ITE Washington State Section

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



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### Washington State Department of Transportation Local Technical Assistance Program (LTAP)

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## Scribe Report (Continued from page 6)



Photo by Susan Bowe

location presented a number of challenges for intersection operations, including a small amount of available right of way and peak backups that extended up to four miles long during the Skagit Valley Tulip Festival. The design team developed an oval-about with five legs that could maximize the available space and provide the safety and efficiency benefits of a standard roundabout. The signing at the roundabout can be easily dismantled, if necessary, to allow large logging trucks to traverse the roadway.

Next, Yin Hai Wang from the University of Washington and Pac Trans made a pitch local agencies in Washington State to share their transportation data. He outlined the possible uses for big data - everything from spacing electronic vehicle charging stations to counting pedestrian movements - that could be achieved if the region worked together to study it. Applications like DRIVE Net, have been developed, but Mr. Wang stressed that it would take agency coordination to reach the maximum potential.

Multiple presentations by Kiersten Grove (City of Seattle), Kristina Walker (Downtown on the Go), and Josh Diekmann (City of Tacoma) provided a look at shared transportation in Seattle and Tacoma. In Seattle, policymakers are working to identify the regulations that should be imposed on companies like Lyft and Uber, while maintaining and improving the usage of those companies and eliminating SOV trips on the network. They also implemented a bike share program last fall. Tacoma, where similar car sharing services are available, learned that in order to really facilitate a movement toward shared rides, local businesses need to bring support and early adopters can help spread the word.

A WSDOT team rounded out the meeting. Sreenath Gangula provided an overview of the [2014 Corridor Capacity Report](#), WSDOT's latest iteration of their performance metrics document. The report details what positives WSDOT has seen as of late - 95.6 percent on-time ferry runs! - as well where improvements can be made. This year, the methodology behind the report is available as an appendix to help draw back the curtain on how the data is compiled and analyzed. Daniela Bremmer finished by discussing the importance of telling your own story with your data so that others do not tell it for you.

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# Scribe Report

## December Breakfast Meeting

By Mike Hendrix, ITE WA Secretary, Perteet

The annual December ITE WA breakfast meeting was held in Des Moines at the Beach Park Event Center and attracted agency and consultant professionals from across the Puget Sound. Dave Rodgers and Nathan Polanski from SVR started the morning with a presentation about the redevelopment of Winslow Way, a community center within the City of Bainbridge Island. They highlighted the steps the city/SVR team took to transform the space from one that favored vehicles to one that welcomed pedestrians and bicyclists as well. Polanski said it took roughly six months for the drivers in the area to become familiar with the changes, but once they did it was a superior space for all users. The pair also discussed Bell Street in Seattle, recently transformed from a hardscape to a more park-like layout using crosswalk grids, colored sidewalk, landscaping, and street furniture.



Next, Dongho Chang, City of Seattle Department of Transportation's (SDOT) traffic engineer, discussed the recent addition of a two-way protected bike lane on 2nd Avenue in downtown Seattle. SDOT originally planned to install the bike lane well in the future, but political factors in 2014 triggered them to install it earlier. Mr. Chang described particular design features such as the use of flexible posts in the barrier between the bike and vehicle lanes. He noted that these posts not only inform drivers of their limits, but can also be pushed over as necessary to allow maintenance vehicles access to the lane. Also, intended to be an interim solution for the next few years, bicycle signals were mounted on existing traffic signal poles.



Photo by Brent Powell

Mike Hendrix, ITE WA's secretary from Perteet, then spoke about the evolution and current uses of the HAWK signal, a type of pedestrian hybrid beacon. This system, born and raised in Hendrix's hometown of Tucson, Arizona uses traffic signal indications to stop traffic when activated by a pedestrian. The system can be installed at both midblock locations and unsignalized intersections, though the latter use is controversial. Hendrix described the differences between the HAWK and flashing beacon systems such as rectangular rapid flash beacons, while also noting that the two function in a similar way. Some members of the audience had either designed or operated a HAWK signal locally and they said many more are being planned.

Finally, Paul Cho, ITE WA's vice president/treasurer from City of Redmond overviewed the city's closed circuit television program. These cameras can detect crashes, verify signal timing, and identify places where timing can be improved, all from the comfort of the city's traffic management center. Cho provided some tips for how agencies can make the most of their systems: identify the software needs of the system (it varies based on function and scale), budget for a 10-year lifespan per camera, ensure cameras are located in spots ideal to observe the most important traffic, and explore options like custom mounting products to reduce costs.



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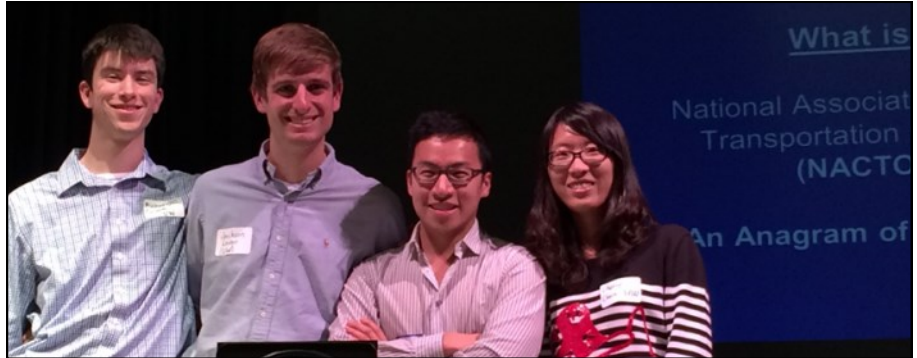


# Campus Corner

## News, Activities, and Opportunities for the 2014-2015 School Year

By Richard Hutchison, ITE WA Student Activities Committee Chair, DKS, 206-382-9800, [rjh@dksassociates.com](mailto:rjh@dksassociates.com)

We have a new leadership team and great news from the ITE University of Washington Student Chapter. This year's officers are: Luka Ukrainczyk, President; Matthew (Matt) Dunlap, Vice President; Cecil Rhodes, Secretary; Jackson Tyler, Treasurer; and Wenbo Zhu, Social Event Officer. Also, the UW team fared well in this year's Oregon ITE Traffic Bowl on November 20, 2014 at Portland State University. They walked away with second place, a prize of \$400.



Traffic Bowl team members for UW (left to right): Michael Corwin, Jackson Lester, Darwin Li, Xianzhe Chen, and Yanbo Ge (not pictured). Photo courtesy of UW.

This Jeopardy-style contest pits

Oregon and Washington's brightest transportation engineering students against each other. Oregon Institute of Technology took first place while the two-time defending champs and host, Portland State University finished third.

The UW Student Chapter was also one of five chapters to be awarded the Western ITE Data Collection Fund for 2015, out of nine applicants. The students submitted their proposal by a November 3, 2014 deadline to collect trip generation and parking utilization data for one of Seattle's many Starbucks with a drive-thru.

Jumping back to October, 2014, Seattle Pacific University and the Puget Sound Engineering Council hosted Engineering Mentor Night. See page [11](#) for details.

Upcoming activities and opportunities include:

- The second annual Western District ITE Student Leadership Summit is February 13-15, 2015 at Sacramento State University. This conference gives students a chance to learn about leadership skills they will need during their career. We hope to sponsor a group of students to attend like we did last year.
- \$1,500 Undergraduate and \$2,000 Graduate Scholarships for students in transportation engineering or transportation planning are due in April 2015. [Criteria and applications](#) will be posted on the ITE-WA website soon. If you know a student that would be a good candidate, encourage them to apply.
- Student Night Competition is May 12, 2015 at Ivar's Salmon House on Seattle's Lake Union. We look forward to students presenting a demonstration project that they compete on. We are looking for ideas from cities and counties for this year's project so please contact me if you have an interesting project.

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Civil, Traffic and Structural

# Campus Corner

## Engineering Mentor Night

By Paul Cho, ITE WA Vice President, City of Redmond

What made you decide to become an engineer? What were some opportunities along the way that helped you make that decision? What are ways to find information on a career in engineering? Do you enjoy what you do? These were some of the questions asked by 118 students to 30 mentors at Puget Sound Engineering Council's (PSEC) Mentor Night at Seattle Pacific University (SPU) campus held October 21, 2014.

The room was set up with round tables with labels of the various engineering disciplines at each of the tables. Armed with two mentors per table, the students were allowed to choose the table of interest as they gathered at the start of the meeting. Joe Souther from PSEC along with Dr. Melani Plett and Dr. J. Smith, SPU Professors welcomed the students and introduced the panelist consisting of electrical, mechanical, and civil engineers. Each of the panelist described what aspect of engineering they currently work in as well as events along the way that brought them there.



Photo by Paul Cho

After a quick pasta and salad food break, the students volleyed questions toward the mentors regarding their education and experiences that led them to where they are today. Much like speed-dating, the Q and A session lasted 20 minutes before the students were instructed to change to another table. There were three sessions of this.

I was a mentor paired with an electrical engineer who used to work for the telecommunications industry and now works for Boeing. I shared with the students that I solved hydraulic pump problems on my Professional Engineering exam yet I currently work on fiber optic communications. So the skills we possess as engineers go way beyond what classes we attended in school and work is more about processing information and interacting with others to solve a problem.

This was an amazing evening to connect with future engineers and rekindle the joys of why each mentor ventured into this field in the first place. It was a great opportunity to encourage and support the next generation of workers who will continue to improve the quality of life for our children and our children's children. Many of the students, born after I graduated from college, are current and future problem solvers faced with physical and social challenges that have evolved over the years. It might have been a hint of my competitive nature peaking out, but my hope was, in some small way, I helped nudge a student to select the field of transportation engineering over the other disciplines.

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**ITE/IMSA JOINT CONFERENCE & VENDOR EXHIBITION**

February 9, 2015

**SESSION SCHEDULE**



TIME	GRAND 1 & 2	Northwest 3	Cascade Room 3 (2nd Floor)	Cascade Room 4 (2nd Floor)	Cascade Room 5 (2nd Floor)	Cascade Room 6 (2nd Floor)	Cascade Room 7 (2nd Floor)	
8:30	<b>GRAND 1 &amp; 2</b> <b>VENDOR EXHIBITION</b> 8:00AM TO 4:00PM	<b>Technical Session 1</b> Seattle 2nd Ave Bike Lane Bike Signals Danqing Chang, Almeda Dorset, City of Seattle	<b>IMSA General Membership Meeting</b> 8:00am - 9:00am Meeting 9:00am - 9:30am					
9:30		<b>Technical Session 2</b> Tacoma Top 4 Bikeways Tim Hansen/AHBL, Brennan Kidd / City of Tacoma Pedestrian Safety Improvements City of Tacoma	<b>IMSA Executive Committee Meeting</b>					
10:30		<b>Technical Session 3</b> Pedestrian Engineering Bruce Neuman, City of Redmond The Crystal Ball: Right Sizing Transportation Modeling Perry Sheaf / Jan Parcel						
11:30		<b>Lunch in Northwest 2</b> <b>Luncheon Presentation: Downtown Seattle Signal Retiming Project</b> Chris Long, DKS Associates						
1:00		<b>Technical Session 4</b> Connected Vehicle Rick Hayward CCTV Program & LED street lighting Paul Cho, City of Redmond						
2:00	<b>Western System Inc.</b> Grid & Arterial Adaptive System By Zach Haining / Jess Coupler	<b>Ecosolite Control Products</b> ATC Controller By Jeff Wolf	<b>Sea-Tac Lighting</b> Smart Off-Grid Solar Powered Lighting and Security By Miriam Tuerk, Ed Arista	<b>Holoplane</b> Transition from HPS to LED: update to RP-8 LED standards By John Schneider	<b>Advanced Traffic Products</b> Setup and Maintenance of the Polars APS System By Mike Singan, Advanced Traffic Products	<b>Western System Inc.</b> Vehicle Detection Enhancements By John Shearer, Iterix		
2:30	<b>Western System Inc.</b> Custom Nema Cabinet Applications By Tom Rivard / Zach Haining	<b>TrafficWare</b> Valence Pod System - Trafficware's Smart & Flexible Detection System By Dustin Hinde	<b>EtherWAN Systems, Inc.</b> The future of PoE in the transportation industry By Eldan R. Dehnert	<b>Northwest Signal Supply, Inc.</b> Spinkaker: the newest web-based ATMS by Peak By Taky Neuhause	<b>Advanced Traffic Products</b> Using Waveletronic Radar for Truck Priority warning signs and dilemma zone detection By Mike Singan	<b>Western System Inc.</b> Vehicle Actuated Traffic Calming By Henry Dean		
3:00	<b>Campbell Company</b> Accessible Pedestrian Signals and the MUTCD By Phil Tate	<b>TrafficWare</b> SynchoGreen - Real-time Adaptive Signal Control By Joao Hinciro	<b>URS Electronics</b> "High Definition Video for Traffic Surveillance" By Dan Caffer	<b>VSP Marketing Graphic</b> Traffic Cabinet Artwork - How to beautify your city with custom cabinet art By Dan Gilmore	<b>Advanced Traffic Products</b> Best Practices: Transitioning from Opticom IR to Opticom GPS for the future By Mike Singan	<b>Zumar Industries</b> Vis-2-Shield: Low-cost safety device By Candace Edwards		
3:30	<b>Lumca</b> Lighting Life By Dennis Dian	<b>Intermountain Traffic LLC</b> Battery Backup - The next generation - Lead acid free By Jaran Boese	<b>Pelco Products, Inc.</b> Smart Street and Mobility Technology impact on the traffic movement By Dave Gubko	<b>Kar-Gor</b> ATC Standard as it relates to Traffic controllers By Tom Stiller	<b>Rhythm Engineering</b> Overcoming the limitations of ring-and-barrier By Steve Meier	<b>Ameron</b> Spuncase decorative lighting pole: why do you need them By Danny Michel		

For IMSA TARP Points: Circle the session above that you attended and drop this form off at the

Name: \_\_\_\_\_

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(Continued on page 13)

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## ITE/IMSA Conference *(Continued from page 12)*

### Vendor Exhibition

This one day vendor exhibition has grown to become the premier trade show in the Northwest and is a favorite of the vendors to showcase traffic and transportation related products. This is an excellent opportunity for traffic and transportation professionals and signal and sign technicians to come and see what's new in the industry, to meet with the manufacturer's representatives, and to share ideas with others in this vast and ever changing field. We anticipate a large attendance with more than 200 professionals and more than 30 vendors this year.

Vendors that will be represented this year include:

- Advanced Traffic Products
- All Traffic Data
- Ameron
- Campbell Company
- Cascade Signal Corporation
- CohuHD Costar
- Coral Sales Company
- Daktronics
- Econolite Control Products
- EtherWAN Systems, Inc.
- Holophane Lighting
- IDAX
- Information Display Company
- Intermountain Traffic
- ITEM Ltd.
- Kar-Gor, Inc.
- Leotek
- Lighting Group Northwest
- Lumca
- McCain, Inc.
- Northwest Signal Supply, Inc.
- Pelco Products, Inc.
- Rhythm Engineering
- SeaTac Lighting & Controls, LLC
- Siemens/RuggedCom
- Skyline Products
- StressCrete Group
- Traffic Safety Supply Company
- Trafficware
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## Job Announcement

### Traffic Operations/Traffic Engineer (Mid-Senior) at DKS Associates in Seattle

The candidate will perform technical engineering, supporting management of transportation projects and helping lead a team focused on delivering high quality projects. The candidate will have:

- A BS in Civil Engineering with an emphasis in transportation engineering. A Masters degree in transportation engineering is desired.
- 5-10 years of experience in transportation engineering including operational analysis of arterial networks and/or traffic engineering design. Desired traffic operations experience includes traffic operational analysis using Vissim and/or Synchro, traffic signal coordination, traffic signal controller programming, and corridor studies. Desired traffic engineering design experience includes traffic signal, illumination, and ITS design.
- Strong written and verbal communication skills.
- Working knowledge of industry practices and regulations.
- P.E. in Civil or Electrical Engineering is desired.

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# Section Business

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Advertising for this newsletter is available in the following sizes:

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- 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. The cost of ads submitted during the year will be prorated. To submit your ad, please email it in jpg, png, or tif file format to: Mike Hendrix, ITE WA Secretary at [mhendrix@perteet.com](mailto:mhendrix@perteet.com). Also send a check made out to "Institute of Transportation Engineers" for the ad size you desire to: Paul Cho, ITE WA Vice President/Treasurer at the above address. Please call Paul Cho at the above phone number to instead pay using our square card reader or PayPal.

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