WASHINGTON STATE SECTION / INSTITUTE OF TRANSPORTATION ENGINEERS

www.westernite.org/Sections/washington/index.htm

ITE WASHINGTON

Letter from the President

Did you see Google's driverless car and consider the splash it can make in our industry? Gosh, it's really something to see what had only recently been science-fiction become reality on the streets of the Bay Area! Of course, some days it's tough to see to the end of the week and other days, it's a clear view to a bright future. That's what the Google car gives me – a bright and interesting future where we may have to tune up our engineering and forecasting to get it right. With a fully aware and driverless car – what can that mean for society? One obvious answer is no more drunk drivers – it's the dedicated driver!! That would be an excellent application. Another potential is for highly effective commutes and no more distracted drivers. Hmmm, it will be some time before we all have these fully aware vehicles and maybe I'm still stuck in the last century when I think of the potential. I believe we'll continue to be surprised by the innovation around us. Seems that Google

Katherine Casseday
WA Section President

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This Month: Sustainable Transportation at the University of Washington

For the past year the Civil & Environmental Engineering Department (CEE), in cooperation with the UW's Professional & Continuing Education program, has been developing a real time online master's degree program in Sustainable Transportation. A three course certificate pilot program was offered in the past academic year with one course each quarter offered from 6 PM to 9 PM on day per week. The proposed master's program would take place over three years and include nine formal courses and a capstone resulting in a 42-credit master's degree from CEE. The proposed program is currently out for a national peer review and must be approved by the college of engineering, the graduate school, the Higher Education Coordinating Board and finally the Board of Regents of the UW. If we remain on schedule, the first class will enter the program the fall of 2011 and graduate the spring of 2014. This presentation will briefly outline the proposed courses and rational for the program.

Scott Rutherford, our speaker, is a Professor and former chair in the Department of Civil and Environmental Engineering at the University of Washington where he has been since 1981. For the past 29 years at the UW he has taught and conducted research in the areas of transportation planning, travel demand forecasting, travel demand management and the development of public transportation systems. He has been active in the Bus Rapid Transit field by being a co-instructor for the National Transit Institute's BRT short course sponsored by the Federal Transit Administration which has been presented in twenty five US cities since June of 2003. In 1989 he was one of the principals in the development of U-Pass, the highly effective demand management system for the UW in Seattle, that won many local and national prizes.

WHEN Tuesday, November 9th, 2010, 11:30 am ~ 2:00 PM

VENUE UW Club at the University of Washington
http://depts.washington.edu/uwclub/directions.htm

COST $25.00 (ITE Members), $30 (Non-Members), $5 (Students)

MENU A buffet style lunch will be provided by the University of Washington caterers including a variety of pasta dishes and salads.

RSVP By COB on Wednesday, November 3rd, please e-mail:

ITEregistration@hotmail.com

Please include company name, address, phone number & names of attendees; note that you will receive an invoice from ITE if you RSVP but are unable to attend.

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beat GM in the race for automated travel – and I wonder if they knew it was a race?

With all the potential ahead from innovation plus higher efficiency roadways and highly effective transport, we also need to consider the ultimate goal – a sustainable lifestyle in our sustainable cities. In a nutshell, we should be planning and preparing for a future that our great-great grandchildren will inherit – what do we want for them? What kind of places to live, to enjoy and to protect? What kind of work and commerce? What will be required and demanded from our transportation profession to support this sustainable future?

We'll hear about the University of Washington master's degree program in Sustainable Transportation from Professor G. Scott Rutherford at our November luncheon meeting on November 9th on the University of Washington campus. We welcome the students to this luncheon event. See the meeting announcement for more details.

In case you missed his presentation at the October meeting, Ted Trepanier of INRIX has provided a summary of the findings and recommendations from the FHWA/AASHTO nationwide review of strategies *Maximizing Traffic Flow on Existing Highway Facilities*. It's up on the Washington ITE website – just look up the October meeting date in the event calendar and you'll find the link to his PowerPoint file.

Thank you and kudos go out to Dongho Chang (City of Everett) and Dan Dawson (Otak) for coordinating a successful training for Accessible Pedestrian Signals, sponsored by the NCHRP, presented by Daniel Carter and Janet Barlow. Accessibility is a key element of our goals this year for the Section and the profession.

Looking ahead to December, Dongho is working with CH2MHill on the details for the next training opportunity – a one-day session on the Highway Safety Manual. That's currently scheduled for Monday December 6th – so mark your calendar for the training day. If you're not able to attend the full day training, we'll have a safety-oriented program for the luncheon meeting, too.

To make it easier for you to connect with Washington ITE and the Board, VP/Treasurer Kevin Chang just set up new contact emails for the Board and registration. This will enable Carla Nasr to distribute the meeting notices and newsletter more expeditiously and more effectively plus it will make it easier to connect and communicate with us. Just remember ITEWAxxx@gmail.com and replace xxx with president, treasurer, register and webmaster for the four roles.

itewapresident@gmail.com will reach me, Katherine Casseday
itewatreasurer@gmail.com will reach Kevin Chang, VP/Treasurer
itewaregister@gmail.com will reach Carla Nasr, Hospitality Chair
itewawebmaster@gmail.com will reach Rory Cameron, Webmaster
itewamembership@gmail.com will reach Hidemi Tsuru and Jan Ciganik, Membership Chairs

I look forward to seeing you on campus at the November 9th meeting on Sustainable Transportation. Of course, I hope to hear from you, too. Drop me a line any time!!

Katherine Casseday
President, ITE Washington Section
itewapresident@gmail.com

Washington ITE Focus:

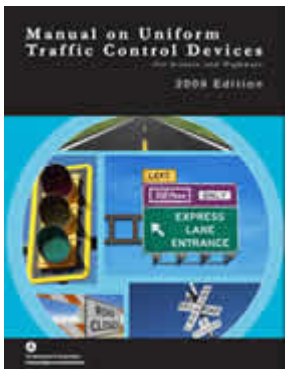
- Safer Roads
- Sustainable Projects
- Accommodation & Accessibility for All

Featured Technical Article

Do you have an interesting technical topic, idea, or project to share? If you do, the Technical Report Committee wants to hear from you! Please contact Dongho Chang at <DChang@ci.everett.wa.us> for more information.

Update on Washington State's Process to Adopt the 2009 Manual on Uniform Traffic Control Devices

By Susan Bowe, P.E., Highways and Local Programs Division Traffic Services Manager and Rick Mowlds, Traffic Operations Division, Signing Engineer



Even though the Federal Highway Administration published the 2009 Manual on Uniform Traffic Control Devices (MUTCD), Washington Administrative Code (WAC) 468-95 does not yet allow its use. However, Washington State, led by WSDOT, is revising the WAC to adopt the 2009 MUTCD. The tentative timeline for the process is:

Step	Activity	Tentative Timeline
1	A committee forms and meets to propose modifications to the MUTCD by revising WAC 468-95. Five meetings held.	March through November 2010
2	WSDOT's State Traffic Engineer reviews and approves the modifications.	November through December 2010
3	Federal Highway Administration (FHWA) reviews and approves the modifications.	January through February 2011
4	A Notice of Proposed Rulemaking is published in the Washington State Register. This invites public comment to modify WAC 468-95. An Agency Hearing will be held to adopt the revised WAC as Washington State's modifications to the 2009 MUTCD.	March through April 2011
5	The 2009 MUTCD, as modified by WAC 468-95 is adopted by WSDOT's Secretary of Transportation. The 2009 MUTCD and WAC 468-95 become effective in Washington State.	May 2011

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The committee has traffic engineers and planners from cities and counties in Washington and from WSDOT and the Washington State Section of the Institute of Transportation Engineers. This committee asked local agencies for proposed changes to WAC 468-95. The modification committee is reviewing the 55 existing sub parts of WAC 468-95 and 74 new items to possibly include in the WAC. At the time of this article, the committee is writing the proposed modifications to be submitted to WSDOT's State Traffic Engineer. For more information about this process, please contact Rick Mowlds at MowldsR@wsdot.wa.gov or 360-705-7988 or Susan Bowe at BoweS@wsdot.wa.gov or 360-705-7380.

SENSYS Networks

Sensys Networks is the world's leading provider of wireless traffic detection and integrated traffic data systems.

Wireless Vehicle Detection

Sensys Wireless Vehicle Detection and Arterial Travel Time Systems provide accurate, real time data with the added benefits:

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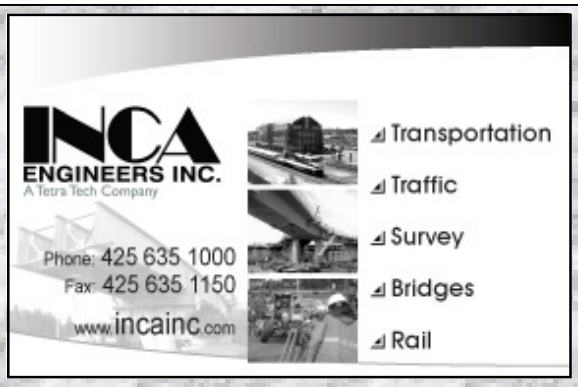

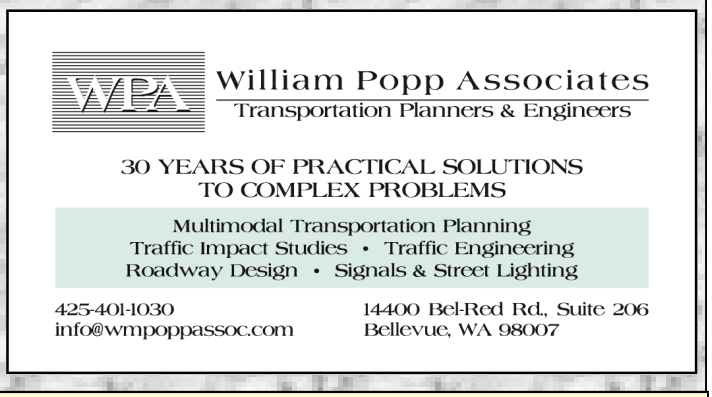

Advertising (Business Cards & Larger)

To submit your ad, please send a jpg, png, or tif file of the desired ad to Jim Ellison at jim@jameswellison.com

Place your ad in the following sizes:

- Business card ad for $100
- Full page ad for $1000
- 1/2 page ad for $500
- 1/4 page ad for $250

Also send a check for the ad size you desire (ad will run from January 2011 through December 2011) to:

Jim Ellison
Consulting Traffic Engineer
1600-B SW Dash Point Rd, #33
Federal Way, WA 98023

Call 253.666.2377 for further questions.

WA Section Board

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Newsletter Contact Info

If you have any changes in your contact information, please let us know so you continue to receive monthly ITE e-mail announcements and newsletters. To update your information, click on the "Membership" link on the Washington State Section ITE website:

http://www.westernite.org/Sections/washington/index.htm

DYNAMIC MESSAGE BOARD

SAVE THE DATE! Upcoming Washington State Section ITE Activities:

- December 6, 2010 Highway Safety Manual - All-Day Training plus Section Luncheon Meeting
- January 11, 2011 luncheon program
- February 14, 2011 ITE/IMSA/ITS Conference
- March 8, 2011 luncheon program
- mid-April, 2011 QUAD Section Meeting & Conference
- May 10, 2011 Student Night
- June 13, 2011 Annual Meeting (Luncheon Only)
- June 14, 2011 23rd Annual ITE Golf Classic

IntelliDrive Applications for the Environment: Real-Time Information Synthesis (AERIS) December 8, 2010 from 1:00–2:30 P.M. Eastern Time

Webinar Description

This webinar will introduce participants to the AERIS program, a new multimodal USDOT initiative that seeks to promote more environmentally friendly travel choices through the use of real-time transportation system data. AERIS is based on the IntelliDrive(SM) vision of real-time, wireless communication among vehicles and infrastructure to promote safer and more efficient travel. The webinar will address the following topics:

- **AERIS Overview:** Program Manager Marcia Pincus will lead off the webinar with an overview of AERIS and its objectives.
- **Policy Context:** Michael Savonis of FHWA will discuss the dimensions of the climate change and air pollution challenge, including transportation's impacts and the potential contribution of operational strategies.
- **Strategies for Cars and Trucks:** Robert Ferlis and Randy Butler of FHWA will introduce some emerging operational applications of real-time data to reduce emissions.
- **Strategies for Public Transit:** Sean Ricketson of FTA and Chris Pangilinan of RITA will highlight the potential contributions of IntelliDrive(SM) data to improving transit mode share and reducing transit vehicles' emissions

For more information and registration for the webinar: http://www.pcb.its.dot.gov/AERIS/register.asp