HOW WILL TECHNOLOGIES CHANGE OUR WAY OF DOING SIGNAL TIMING AND COORDINATION

Join RSBITE and SoCal ITE as we welcome Dr. Zong Tian from the University Nevada Reno. Dr. Zong Tian joined the University of Nevada Reno in 2004 and is currently a professor and director of the Center for Advanced Transportation Education and Research (CATER) at UNR. He obtained a Ph.D. degree from Texas A&M University. He is also the director of a University Transportation Center (UTC) consortium funded by the US DOT which includes four universities in Nevada, Arizona, and New Mexico. His past professional employments include Kittelson and Associates, Inc. and the Texas Transportation Institute.

This presentation introduces some new ways of doing signal timing and coordination using emerging technologies. In particular, the presentation will cover the following issues: (1) how to develop signal timing plans without traffic volumes; (2) how to develop signal timing plans for long arterials of many signals; (3) how to evaluate the quality of signal timing based on quantitative performance measures; (4) the major challenges of field implementation and how to quickly diagnose common signal timing problems. The presentation will also include a brief introduction of TranSync, an innovative signal timing tool pack to demonstrate how these issues can be addressed using the software.

RSVP using the Eventbrite link: https://2016_joint_ite-so-cal_and_rsbite_meeting.eventbrite.com

WHEN
Wednesday, November 16th

WHERE
The Restaurant at Kellogg Ranch
3801 W Temple Ave #79
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The October RSBITE meeting was held at Caltrans District 8 Inland Empire Transportation Management Center (TMC) in Fontana. The Inland Empire TMC was designed and constructed to house both Caltrans and CHP personnel. This facility provides intermodal, interregional, interagency traffic management services 24/7 for the Inland Empire region and is the command and control emergency center during major catastrophes, which includes the counties of San Bernardino and Riverside (Caltrans District 8).

Operations and maintenance often assist the CHP with road closures, and helps to alleviate unexpected closures. Caltrans focus on traffic and congestion. The building was constructed in 2011 and in 2012 the CHP and Caltrans moved into the building. The building achieved a LEED Certification with sustainable energy saving features, such as the use of natural rubber, recycled steel for the base isolators, viscous dampers, automated system managing the HVAC system, motion sensors for reduced water usage, lighting energy use, and a highly reflective cool roof. The battery room provides backup power for 1.5 hours in case of power outage and one generator that powers emergency signals. This fantastic and thorough tour was given by Matt Malouf, IETMC Operation Manager, and Mohammed Bendelhoum, Senior Transportation Electrical Engineer, who took the groups to visit the building from basement all the way to top of the roof.

Last meeting RSBITE had our annual tech tour at the Inland Empire Transportation Management Center in Fontana, CA. Caltrans Traffic Management shares this space California Highway Patrol to keep our freeways safe and free-flowing. Caltrans monitors dangerous road conditions while CHP answers approximately 55,000 9-1-1 calls every month! #chp #californiahighwaypatrol#trafficmanagementcenter #inlandempire #fontana #caltrans#inlandempirecommunicationscenter

RSBITE is now on Instagram
And LinkedIn
Stay Connected with RSBITE
The Primary objectives of Complete Streets Safety assessments are:

- To improve safety for all modes of travel in a city or county, with emphasis on pedestrian and bicycle safety
- To create safe, comfortable, accessible, and welcoming environments for all road users
- To enhance the walkability, bikeability, and economic vitality of local districts

To achieve these objectives, Tech Transfer provides free Complete Streets Safety Assessments to California local agencies. We send expert evaluators to review traffic, pedestrian, and bicycle safety conditions, programs, and needs of your agency, and suggest new strategies to improve safety for all road users, with emphasis on pedestrians and bicyclists. Tech Transfer provides highly-focused, in-depth, expert safety reviews of problem areas and specific suggestions for pedestrian and bicycle safety improvements. This free technical assistance service also helps local agencies identify potential sources of funding to make the suggested improvements, and justification to use in grant applications for state and federal funding.

To learn more about Complete Streets Safety Assessments and to request one for your community, email safety@techtransfer.berkeley.edu or see link below. A limited number of assessments are available each fiscal year, so send in your request early.

http://www.techtransfer.berkeley.edu/services/complete-streets-safety-assessments

Please welcome our recent addition, Ming Guan, as RSBITE Workshop Chair. Ming graduated from Cal Poly Pomona with bachelor and master degrees in Civil Engineering. Since graduation, Ming has been with KOA Corporation for over 10 years, in their Ontario office. Most of her experience is in the transportation engineering field. She has managed numerous transportation engineering projects in various sizes, including alignment study, intersection improvement, street widening, and freeway interchange design. Ming enjoys travelling with her family and she has been to over 30 states. Ming is excited to have the opportunity to help organize workshops for RSBITE.
RECENTLY APPROVED CALIFORNIA LEGISLATION

SB 998
Prohibits an individual from operating, stopping, parking, or leaving a motor vehicle in a transit-only lane of a highway.

SB1085
Requires licensee’s to take an online assessment of California laws and regulations as part of their renewal.

OLD APPROVED LEGISLATION MOVING FORWARD

SB 379, Land use: General Plan: Safety Element
This one is probably of interest to our public agency members. Information from the Governor’s Office of Planning and Research (OPR):

“In accordance with the requirements of Senate Bill 379, Land Use: General Plan: Safety Element (Jackson), OPR developed Draft language to incorporate Climate Change Adaptation and Resilience in the Safety Element of the General Plan Guidelines. Please review the DRAFT Safety Element section of the General Plan Guidelines. Additional information on the General Plan Guidelines update process and the Draft Guidelines released in its entirety in November 2011 can be found here: https://www.opr.ca.gov/s_generalplanguidelines.php. The release of the final General Plan Guidelines document, including changes to the Safety Element to respond to SB379, will occur in late 2016.

Please submit comments no later than November 4, 2016 at info@opr.ca.gov. Please include “SB379 Safety Element Comments” in the subject line.

Two webinars will be held to explain the changes to the Safety Element and provide an opportunity to discuss the changes verbally.

November 2, 2016 – 3:00-4:00pm - https://attendee.gotowebinar.com/register/63323441333660931
November 3, 2016 – 3:00-4:00pm - https://attendee.gotowebinar.com/register/705269566870856019”

CEQA & SB 743
A message from the Governor’s Office of Planning and Research (OPR):
“The Governor’s Office of Planning and Research seeks your input on proposed revisions to Section 15126.2(a) of the CEQA Guidelines. This proposal responds to the California Supreme Court’s decision in California Building Industry Association v. Bay Area Air Quality Management District (2015) 62 Cal. 4th 369. These proposed revisions specifically address the requirement to analyze hazards that a project may risk exacerbating. The proposed text and background materials are available here: https://www.opr.ca.gov/docs/Proposed_Amendments_to_Section_15126.2a_Regarding_Hazards_10212016.pdf. Please submit any comments on this proposal by November 21, 2016, to CEQA.Guidelines@resources.ca.gov.”

IN THE NEWS
National Highway Traffic Safety Administration: US DOT Launches ‘Road to Zero’ Coalition
“The Department of Transportation has committed $1 million a year for the next three years to provide grants to organizations working on lifesaving programs.”

CityLab: America’s Most Dangerous Highways

League of California Cities: Changes Ahead for CEQA Traffic Studies: How Your City can Prepare Now

California High Speed Rail: New CHSRA San Gabriel Tunnel Animations
Check out the different possible alignments for the California High Speed Rail in the Burbank-Palmdale area.
The Institute of Transportation Engineers (ITE) is pleased to announce a new data collection effort aimed at updating, expanding, and improving the widely used ITE Trip Generation Manual. As ITE embarks upon this important update, we invite you to actively participate in this critical data collection effort. ITE relies heavily on the voluntary submittal of data from the transportation community to produce this valuable reference. We need your help to continue to improve this resource and to ensure delivery of the most accurate and up-to-date information available.

As travel and land use patterns have changed, the 10th Edition of the Trip Generation Manual will be significantly enhanced to be more responsive to the evolving needs of the profession. The new Manual will—for the first time—differentiate among data collected for urban, suburban, and rural sites. Where possible, this new resource will also provide vehicular and person trip generation data by travel mode. Currently, the availability of trip generation data for urban areas such as urban infill, smart growth, and transit-oriented development sites is extremely limited. Therefore, if you have conducted trip generation counts (whether urban or suburban and whether vehicle or person trips), we strongly urge you to consider submitting the data for inclusion in the 10th Edition.

ITE asks that you consider submitting trip generation data for all land-use types. We particularly encourage submittal of data for the following land uses:

- affordable housing;
- age-targeted residential development;
- co-housing;
- cold storage warehouse;
- college dormitory/off-campus student housing;
- data center;
- discount supermarket;
- drive-in bank;
- duplex residential unit;
- fast casual restaurant;
- fulfillment center;
- garden center;
- high-cube warehouse;
- marijuana dispensary;
- membership warehouse club;
- micro-apartments;
- mini-warehouse;
- office building (including employment density);
- outpatient surgical facility;
- parcel hub;
- self-storage facility;
- senior adult housing facility;
- specialty retail;
- stand-alone specialty food (coffee shop, bagel shop, donut and sandwich shop, etc.);
- super convenience market/service station;
- super grocery stores; and
- zero parking apartments

Data are also needed for all types of mixed-use sites such as a multi-story apartment with 1st-floor commercial space or a convenience store, gas station, and fast-food restaurant combination. ITE also asks that you submit any data collected on pass-by and diverted trips and on trip length averages and distribution. These data will also be compiled, updated, and reported as conclusive findings are identified.

ITE encourages electronic data submittals. A customized Web-based data collection tool will be available on ITE’s website home page (www.ite.org) in early October 2016. Hard copy Trip Generation Data Collection Forms are also available now and can be found on the ITE website or in Volume 1 of the Trip Generation Manual, 9th Edition.

Data for this publication are being collected continually; however, to ensure data are considered for inclusion in the 10th edition of Trip Generation, please submit by November 30th, 2016 to Lisa Fontana Tierney, Traffic Engineering Senior Director, ITE, 1627 I ("Eye") Street, NW, Suite 600, Washington, DC 20006 USA by fax to +1 202-785-0609, or lfontana@ite.org.
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Western Systems
Innovative Transportation Solutions
Thursday - January 19, 2017
8:00 AM - 3:00 PM

Location: Double Tree by Hilton
222 N Vineyard Ave, Ontario, CA

Prices are shown below
Lunch tickets
No cost to browse the exhibit hall
$35 - Professionals
$15 - Students/Public Agency
Vendor Tables
$380 - For table
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Name Badge, Breakfast, and Wifi Sponsorships are still available for purchase.

If you have any question please contact
Daniel David at daniel.david@mbakerintl.com

The vendor registration is now open see the Eventbrite link below:
https://www.eventbrite.com/e/2017-rsbite-vendor-show-tickets-27038705496