RSBITE WINS BACK TO BACK!!!!

RSBITE was selected as the Best Annual Activities Report Award in the Small Sections category by the ITE Western District Technical Committee for a second consecutive year.

Thank you to all the members that made this a memorable year and congratulations to everyone that worked on or helped with the Annual Activities Report.

Our Section will be recognized at the Western District Annual Meeting in Las Vegas (Annual Awards Banquet, July 21, 7pm). John and Gianfranco will be there to receive the award.

SAVE THE DATE

Social Mixer with Cal Poly Pomona ITE Student Chapter

When: Tuesday, May 19 at 6:00 PM
Where: Dave & Buster’s at the Ontario Mills
RSVP Here

MAY MEETING

RSBITE STUDENT PRESENTATIONS

Come and join us this month for the exciting Transportation Projects presented by young and rising engineers from Cal Poly Pomona, UCLA & CSU Long Beach!

Student Presentations

1. Cal Poly Pomona: “Rancho California Road Roundabout Improvement Project”
2. UCLA: "Culver City Street Improvement for New Developments on Washington Blvd”
3. CSU Long Beach: “Left Turn Treatment and Safety Study at Signalized Intersections”
4. Cal Poly Pomona: “Theodore Street Interchange, Moreno Valley, CA”

Eventbrite Link for Registration: https://www.eventbrite.com/e/2015-rsbite-may-meeting-registration-13801058337
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I believe that “Blended” online training is the most effective form of distance learning. It is a combination of independent study via a website (at your own pace and place), plus periodic “class meetings” (webinars) with the instructor to answer questions, share experiences, and explore new ideas. Similar to college, but online.

Thanks to a special subsidy by USDOT, two such courses will begin soon – free to public agencies! And they offer CEUs! If you take either course, please tell me your opinion afterwards – Jesse.Glazer@dot.gov.

May 15 - June 17, 2015: Traffic Signal Timing (1.0 CEUs)
This course provides students with an understanding of both the theory and practice of traffic signal timing and its impact on traffic operations. It gives students an overview of the terms associated with signal timing; discusses the concepts of cycle length, split, offset, midblock friction, phase sequences, the signal timing process, and signal timing optimization; and looks at the types of actuated controllers, passage time, extension, and the coordination of actuated and pre-timed controllers.

Instructor: Kevin Lee, P.E., PTOE, Kittelson & Associates
For more information: http://www.citeconsortium.org/course/traffic-signal-timing-blended/
Click here to register: http://www.citeconsortium.org/registration/

June 5 - July 23, 2015: Fundamentals of Database Management Systems (1.0 CEUs)
This course emphasizes the importance of database design, use, and management to ITS; provides a general description of databases and database management systems; discusses relational database tables, E-R Models, and the role of metadata; describes SQL; and explores the role of databases in data warehousing and GISs.

Instructor: Brian L. Smith, P.E., F.ASCE, Chair, Dept. of Civil Engineering, University of Virginia
For more information: http://www.citeconsortium.org/course/fundamentals-of-database-management-systems-blended-version
Click here to register: http://www.citeconsortium.org/registration/

All course materials are on-line but students have access to course instructors through pre-scheduled conference calls. Cost is $250 each; FREE for U.S. local, state, regional, metropolitan, and Federal government agencies! - use sponsor code PCB in the payment section when you register @ http://www.citeconsortium.org/registration. For more information, contact Denise Twisdale (mztiwiz@umd.edu) or Kathy Frankle (kfrankle@comcast.net).
This month RSBITE teamed together with the Riverside-San Bernardino Section of ASCE to host the second annual luncheon at the newly remodeled Riverside Convention Center in Downtown Riverside. Approximately 60 ASCE and RSBITE members and friends were in attendance to indulge in a delicious lunch served by the Convention Center and hear the latest updates on the implementation of Senate Bill 743 (SB 743).

Our guest speaker for this meeting was Mr. Chris Ganson, a Senior Planner at the Governor’s Office of Planning and Research specializing in Transportation and Land Use Planning. Being the lead planner for the implementation of SB 743, he gave the latest updates on the transportation impact matrix for analyzing future projects. This update also involved Mr. Ganson speaking on the latest revisions to CEQA guidelines in response to the SB 743 implementation.

Mr. Ganson began the presentation by explaining what exactly the implementation of SB 743 entails; as it is the migration of analyzing transportation impacts from level of service (LOS) to vehicle miles travelled (VMT) and showing why it is needed. He illustrated the differences in analysis for infill and greenfield developments and the complication that comes with measuring impacts for both scenarios. During infill developments using LOS analysis, the development is essentially established within a developed area or city where there is relatively little vehicle travel loaded onto the grid network, but it inherits the near or at capacity existing LOS resulting in more impacts. In greenfield developments using LOS analysis, traffic is generally loaded three to four times more compared to infill development, however the generated traffic is thoroughly dispersed prior to reaching the congested areas, which does not trigger LOS thresholds to be reached. Mr. Ganson went on to further explain the issues with using LOS as a measure of transportation impacts.

Mr. Ganson listed the benefits of VMT as a measure of transportation impacts to forthcoming projects. He mentioned that by using VMT analysis for developments removes barriers to infill developments. The VMT is also easier to model, has been modeled for the last several years primarily for air quality and greenhouse gas analyses. Since VMT models are rather aggregate compared to LOS analysis, it makes for a more accurate analysis as it collects data for an entire region opposed to a concentrated area such as an intersection LOS analysis does. VMT does not undo itself by inducing more car travel in focus areas as LOS analyses sometimes do while providing mitigation. VMT also reduces long run maintenance burdens on developments.

Mr. Ganson began speaking on how the implementation of VMT will be carried out stating that it will begin at a statewide level. In urban areas, he explained that VMT will streamline infill developments, transit and active transportation projects, and it will be used as a tool to mitigate problematic areas in urban developments. In suburban areas, VMT will be used to analyze where greatest absolute reduction mitigations can take place, such as placing township centers in the middle of suburban developments to reduce travel times. For rural developments, he also reassured that the implementation of VMT analysis will support mitigation options at the planning level and at the project level. If the characteristic of VMT analysis are studied, it can be seen that VMT mitigations help maintain small rural town character.

We appreciate the highly anticipated update from Mr. Chris Ganson on SB 743. Also, thank you to ASCE Riv-SB for joining us in hosting another successful joint meeting. Until next time!

Daniel David, RSBITE Section Scribe
Dear Members and Friends,

Thank you for providing me the opportunity to run for the Secretary/Treasurer board position for the Riverside-San Bernardino Section of ITE (RSBITE).

I entered the transportation industry in 2009 as an intern for the County of Riverside’s Transportation Department working in Capital Projects Section and later in their Construction Department until June of 2012. In 2012, I accepted an opportunity to work at Michael Baker International Inc., where I currently serve as a Civil Associate in the Transportation-Public Works Department of the Ontario office. In 2013, I received my bachelors degree in civil engineering from the California State Polytechnic University, Pomona (Cal Poly Pomona).

As a student at Cal Poly Pomona I began my involvement with ITE as a student member and was eventually elected to serve as an officer for the student chapter. My involvement with ITE carried on shortly after my undergraduate studies as I currently serve as your RSBITE Reporting Scribe and Student Chapter Liaison. I find pleasure in being able to serve as a current chairperson for RSBITE and would be honored to serve as your forthcoming Secretary/Treasurer.

Thank you,
Daniel David

I am very grateful and honored to be nominated for the Secretary-Treasurer position of the Institute of Transportation Engineers’ (ITE) Riverside-San Bernardino Section (RSBITE). I have been an ITE Member since 1980, and was a member of the former RSBTEA prior to its incorporation into ITE.

I am currently a Vice President and Associate of Hall & Foreman (H&F), a Division of David Evans and Associates, in its Victorville office. I earned my BSCE from Cal Poly Pomona in 1984. At Cal Poly Pomona I was very active in the ITE Student Chapter, where I served in officer positions. I am currently licensed in California with registrations in both Civil and Traffic Engineering. During my 30-year engineering career, I have managed design teams for a variety of large-scale land development projects and challenging commercial, industrial and public works projects. My expertise is in performing traffic studies, geometric design, traffic signal design, and the processing of Caltrans encroachment permits.

Being a long time member of RSBITE I have a good understanding of the duties and responsibilities involved with the Secretary-Treasurer position. Over the years, I have developed many contacts and have learned a great deal from my involvement with ITE. I have developed good relationships with the current officers and board members, and as your section Secretary-Treasurer, I would take actions to continuously hear your ideas to help maximize our ITE Section’s value to you, and promote the overall image of our profession. I believe that with my enthusiasm for the transportation profession, my involvement with the RSBITE Section, and my professional accomplishments, I am ideally suited for this role.
Shawn J. Leight, P.E., PTOE, PTP, FITE
Vice President, CBB Transportation Engineers + Planners, St. Louis, MO USA
Adjunct Professor, Washington University, St. Louis, MO USA
sleight@cbbtraffic.com | www.shawn4ite.org | @TranspoShawn | Facebook | LinkedIn

I am passionate about ITE and our transportation profession. My vision for ITE is an **Inclusive Global Organization of Diverse Transportation Professionals** that is “Out Front” in the industry. I want to work with you to make ITE stronger through a focus on information, collaboration, and advocacy.

**Information:** *ITE should be the industry’s “go-to” place for information.* We have made significant progress with improvements to *ITE Journal*, the website, and webinars, but we are not there yet. We need to be agile in a fast-changing marketplace and can do more through better marketing of resources, electronic publications, and increasing visibility on popular sites like Wikipedia and Google.

**Collaboration:** Great ideas travel fast and ITE has always been in the thick of great ideas. *It is at the core of who we are.* We have improved communication through *ITE Journal*, the Community, and great meetings across ITE. We can do more by expanding collaboration with transportation organizations around the globe.

**Advocacy:** It is crucial that our leaders advocate for ITE and for the transportation profession. ITE recently launched a new Advocacy Committee that is empowering members to be effective advocates for a safe, efficient, and sustainable transportation policy. *Together we can be a powerful voice for our profession.*

**Proven Leadership:** *I am passionate about effective leadership* and have served in ITE leadership at all levels. I am a past president of the St. Louis Chapter and Missouri Valley Section and I am the faculty advisor for the University of Missouri-St. Louis/Washington University Student Chapter. In my final year as Midwest Director on the International Board, I serve on ITE’s Budget/Finance, Professional Development, and Strategic Planning Committees. I received my B.S. from the United States Military Academy at West Point and my M.S. from the University of Wisconsin-Madison.

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Jimmy H. Lin, P.E., FITE and Life Member
President & CEO, KOA Corporation, Monterey Park, CA USA
jlin@koacorp.com | www.jimmylinforitevp.org

My motivation to run for vice president of ITE is very straightforward. I have been a member for over 40 years, and I see our organization needing a major makeover to be in line with the thinking of mainstream, younger generation members. As a business owner of one of the largest transportation and traffic engineering firms in southern California, and as an experienced public policymaker (currently a City Council member of Diamond Bar, CA), I have the business acumen, leadership, and management skill to lead that effort. Furthermore, we need to keep pace and engage with the latest movements in our field as we have in the past, such as green transportation and active transportation. These are the reasons I have decided to run. I can make a difference for the better.

My Vision and Outlook for ITE include the following:

**Manage** our finances responsibly without sacrificing our core services to the members. Our funding is tight and we need to streamline our expenditures.

**Increase** our younger generation membership by providing affordable dues and enticing programs. Aside from affordability, we should make younger members proud to be a vital part of ITE.

**Promote** agency, institutional, and industry membership to increase the organization’s size and create a solid revenue stream. In addition, we should extend the incentives offered to public agencies to other sectors of the economy.

**Maintain** the core values of ITE and continue to advocate the needs, goals, and capabilities of our members. Constantly listening to the membership and adjusting our course to accommodate the needs of the membership is our fundamental duty.

**Sustain** our position as the forefront organization for transportation professionals in technical development, networking, and knowledge exchange.

*Together, we can make it better*
Platinum Level

ECONOLITE Group, Inc.

Silver Level

DDL Traffic, Inc.

Cooper Lighting by EATON
SAVE THE DATE!

2015 ITE WESTERN DISTRICT MEETING

LOCATION: Planet Hollywood Resort in Las Vegas

DATE: Sunday, July 19 - Wednesday, July 22, 2015

www.ite2015.com