



INSTITUTE OF TRANSPORTATION ENGINEERS

SOUTHERN CALIFORNIA SECTION

NEWSLETTER

2014 – 2015, Issue No. 1

September 2014

President's Message

Neelam Dorman, TE



I am very excited to serve as the President of the Southern California Section this year! We began the year with our Steak Fry which was a fun and well-attended event. The Section also received two awards at the Western District Annual Meeting held jointly with the Midwestern Section in Rapid City, South Dakota. Our Section was awarded the Section Activity Report Award (for a large section 300+ members) as well as the Section with the Largest Total Member Growth Award. Also, our very own Zaki Mustafa was presented with the well-deserved District Individual Achievement Award. Congratulations Zaki, and thank you for all that you do for ITE.

The Southern California Section was well represented at the District Meeting with almost 50 people in attendance. An article by Herman Basmaciyian about the meeting is included in this newsletter. Carlos Ortiz, our Western District President, has provided an article on the ITE International Annual Meeting held in Seattle, Washington.

We have a great board leading us this year with Giancarlo Gandini as our Vice President, Jay Dinkins as our Secretary, and Dean Lehman as our Treasurer. This is the Section's first term separating the Secretary and Treasurer roles, and we hope that this will help us serve the Section better. We also have an incredible group of chairs this year and I wanted to make a special effort to introduce them to our members. The next page lists all of our officers and chairs with their contact information and photos. Please get to know them and let them know how they can help better our Section.

We have a couple of new initiatives including a new Professional Activities Chair position aiming to provide our membership with additional services, technical information, and social activities. We are also updating our www.itesocal.org website to bring you easier access to the Section. We hope to launch this new and improved site in the next few months. We will minimally update our current website in the meantime. Lastly, our sponsorship packages have been updated as follows:

- 1) Newsletter Sponsorship - \$300
- 2) Lunch Sponsorship - \$300 (includes 2 tickets to the meeting, a display table, and a 2-minute announcement at the meeting)
- 3) Full Sponsorship (Lunch & Newsletter) - \$500

Please contact our new Sponsorship Chair Melissa Countryman (MelissaC@rpv.com) for sponsorship opportunities.

This year is off to a great start. We will do our best to maintain and increase our momentum. Our next meeting will be held on September 17th at the Monterey Hill Restaurant. Please save the date and I hope to see you all there.

Next Meeting

**Wednesday, September 17,
11:30 AM
Section Meeting**

*Caltrans Traffic Signal Management &
Surveillance System (TSMSS) Project*
Chuck Dankocsik (TransCore)

Monterey Hill Restaurant
3700 West Ramona Boulevard
Monterey Park

Register here:

<http://ite-sept2014.eventbrite.com>



Brief Look Ahead

September 2014

– Thurs 25th - California MUTCD Update Workshop by Rock Miller, Ontario. <https://registration.techtransfer.berkeley.edu>

October 2014

– Tues 14th - Thurs 16th, ITS California Annual Meeting, Hyatt Regency, Santa Clara, www.itscalifornia.org

December 2014

– Tues 2nd – Thurs 4th, US High Speed Rail Association Conference, Los Angeles Metro Headquarters, www.ushsr.com

July 2015

– Sun 19th – Wed 22nd, Western District Annual Meeting, Planet Hollywood Resort, Las Vegas, www.lvite2015.com

ITE Southern California Section
www.itesocal.org

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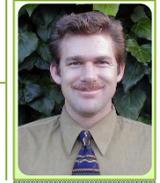
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Western District Annual Meeting in South Dakota

Herman Basmaciyar

The Joint **Western/Mid-Western District Meeting in Rapid City, South Dakota**, was my first after not having attended a District meeting for quite a few years. So I went to Rapid City not knowing what to expect. As soon as I arrived there, I realized that the Local Arrangements Committee (LAC) had done a great job at both selecting the location and making organizational arrangements. This was obvious the entire time from checking in at the registration desk to the lunch that ended the meeting on Wednesday.

What stood out most prominently to me was the number of students in attendance. The students' enthusiasm, attitude, and participation in various activities were all indications that ITE's emphasis on and support of student activities continue to bear fruit. It is gratifying to see that our profession will be led by such outstanding individuals in the years to come. Each student I had the pleasure of meeting was committed to learning as much as possible about what we do and how we do it. Many of these students have accomplished so much already. The support given by ITE members to the Student Endowment Fund is helping the Fund reach its financial goal. This fund will ensure that support for the education and professional development of our diligent students can continue.

The technical sessions offered a valuable mix of subjects, ranging from matters of national interest to specific operational and planning issues. The Keynote Speech about the evolving technology for proximity detection and vehicle-to-vehicle communication, the presentation about how North Dakota is coping with huge increases in traffic due to the boom in the oil industry, and all the technical sessions I attended, were well-attended and well-received. The technical session on the update of the MUTCD generated much discussion and brought out the complexities involved in such an undertaking. I am looking forward to the updated and re-organized Manual.

The Monday night visit to Mt. Rushmore was truly "awesome." The sculptures and the lighting ceremony were very moving. Everyone watched the ceremony to the end, in spite of the steadily dropping temperature after dark and the strong wind. The strong wind caused one problem, though: apparently, a few people were lost on the walk back to the buses. Several search parties went out and found them in the gift shop – where they presumably had taken shelter from the wind. It all ended well, and everyone returned to the hotel safely.

While in Rapid City, I took the opportunity to visit the Black Hills area, Custer State Park, and Wind Cave National Park, all within easy driving distance of Rapid City and all great places to visit.

When I returned home, I was sure I had made the right decision to attend the District meeting. I was wondering why I took as long as I did to decide to go to Rapid City. Congratulations and thanks to the Local Arrangements Committee for a great meeting.

International Meeting & Exhibit in Seattle

Carlos Ortiz, PE, PTOE, Western District President

In mid-August, I attended the **ITE International Conference in Seattle, Washington**. ITE and the Local Arrangements Committee (LAC) did a great job hosting another well-attended conference. Unofficially, I've heard that we had over 1,000 attendees. We had sessions on roundabouts, bicycle facilities and operations, connected/autonomous vehicles, and Active Traffic Management. I was invited to attend the Elected Leadership Forum. We discussed key ITE topics including upcoming changes to students, young professionals, and public agencies registration fees. In addition, ITE is planning to update their website. I would like to thank my friends at the Transpo Group and Trafficware for amazing dinners, baseball game, and great hospitality in Seattle!

Overall, it is great to see that many of our colleagues from the private industry, public agencies, and academia are attending conferences. I was impressed by the large number of attendees at each conference. It provided me with an opportunity to meet new friends and potential new clients; and to learn about many great projects and emerging technologies. I was also impressed by how our economy is moving in the right direction by counting the number of construction cranes at each major city. I counted sixteen construction cranes in downtown Seattle!

Scribe Report

Angel Morales

The Institute of Transportation Engineers Southern California Section held its Annual Steak Fry Meeting on Wednesday, August 20, 2014 at Monterey Hill Restaurant in Monterey Park. President Neelam Dorman introduced the Chairs for this upcoming term:

- Josh McNeill and Hassan Ahmed will serve as Student Chapter Liaisons.
- Clinton Quan and Angel Morales will serve as Scribes.
- Eric Dunlap will serve as Professional Activities Chair, a new position focused on planning technical tours and coordinating a TE review course.
- Amy Kim will serve as Membership Coordinator.
- Saly Heng will serve as Webmaster.
- Martin Varona will continue as Legislative Analyst.

President Neelam Dorman also made these calendar announcements:

- Our next Section Meeting takes place September 17 at Monterey Hill Restaurant.
- The ITS California Annual Meeting takes place October 14 to 16 at the Hyatt Regency in Santa Clara, under the theme "Connected California".
- The Western District Annual Meeting takes place July 19-22, 2015 at the Planet Hollywood Resort in Las Vegas.

Tom Carmichael was recognized as an ITE Life Member, for his 15+ year involvement.

Student Chapter Spotlight: UCLA ITE

Casey Le, UCLA ITE President



UCLA ITE at the Joint Western/Midwestern District ITE Annual Meeting in Rapid City, South Dakota this summer



The Chapter placed third at the Annual ITE SoCal Student Presentation Night this past spring.

USDOT/ITS California Connected Vehicles Pilot Projects Workshop

Tom Petrosino

Introduction: The UCLA ITE Student Chapter aims to publicize the field of transportation by “bridging the gap” between academia and industry. Although UCLA does not offer a transportation academic focus, the ITE Student Chapter is a great resource for students to get hands on experience and exposure to the industry as well as on-going projects that affect the transportation network of Los Angeles and beyond. The Student Chapter strives for improvement, with our board expanding from three members to fourteen in only a few years. The Chapter encourages students to network with professionals in the industry by hosting events portraying the various roles that factor in the optimization of intercity movement. In doing so, the Chapter hopes to aid in the development of exceptional transportation engineers who can make a positive impact in the future.

Goals: In this past academic school year, the Chapter has worked toward larger event settings, such as organizing an industry panel to facilitate discussion among students, faculty, and professionals. The Chapter achieved its goal and reached its highest attendance of students and faculty in our rideshare-panel, which included companies such as Uber and Sidecar. This year, the Chapter plans to host a local student-professional mixer and assist in UCLA’s Civil Engineering Career Fairs. The Chapter aspires to provide more events that will better connect the students to the industry.

Member Involvement: Throughout the academic year, the Chapter holds informational sessions with corporate representatives to garner interest in transportation while cultivating students’ professional identity and interpersonal skills. Students are invited to our field trips where they receive an in-depth experience with exciting new technology and design. The Chapter promotes the value of teamwork and hands-on learning outside of the classroom by encouraging members to compete in projects, as well as written and oral contests. This year collectively, the UCLA ITE Student Chapter placed third at the annual SoCal/OCTEC and second at Riverside-San Bernardino ITE Student Presentation Nights.

On March 12, 2014, the Federal Highway Administration (FHWA) announced a Request for Information (RFI) that will be used to help refine the plans for one or more Connected Vehicle pilot deployments. The purpose of the USDOT/ITS California Connected Vehicles Pilot Projects Workshop (August 14, 2014) was to inform public and private sector stakeholders on upcoming opportunities and to seek input from public sector implementers as they prepare to integrate emerging connected vehicle and mobile device technologies into operational practice.

Bryan Pennington, the Executive Officer of Project Management, in the Transit Project Delivery division for Metro, and Jim Misener provided a welcome address. Kate Hartman, the Connected Vehicle Pilots Program Lead from USDOT, Research, Development and Technology Office, was invited to speak at the Connected Vehicles workshop to share information on the current status of the USDOT Connected Vehicles Program, as well as upcoming Program activities.

Ms. Hartman briefly discussed the federal rulemaking for Dedicated Short-Range Communications (DSRC), and the relationship between DSRC and connected vehicles. She highlighted the Connected Vehicles Pilot Program vision of research promotion of the technologies and knowledge transfer. The intent of the Program is to spur deployment, measure benefits, and resolve deployment issues. The pilot deployments should occur at multiple sites, on a large scale, with multimodal applications. Ms. Hartman said that not all of the Connected Vehicles applications will be US DOT developed/home applications. USDOT expects there to be some private sector Connected Vehicles applications deployed as part of the pilot program. It is also anticipated that there will be some form of Connected Vehicles infrastructure footprint analysis. In addition, guidance will be provided from USDOT on security and privacy issues. For more information on the CV Pilots Deployment Project please visit www.its.dot.gov/pilots/. The first application period for pilot deployment will occur in early 2015, with pilot project awards expected around September 2015.

Meenakshy Vasudevan of Noblis provided a few example pilot project concepts. Consistent to all of the example pilot projects Ms. Vasudevan discussed was the necessity to identify key challenges for the pilot project, as well as improvement areas. A few other websites that provide more information and documentation on pilot project development include: Open Source Application Development Portal - www.itsforge.net; Research Data Exchange website - www.its-rde.net; the Connected Vehicle Reference Implementation Architecture - www.iteris.com/cvria and the Affiliated Connected Vehicles Test Beds - www.its.dot.gov/testbed.htm.

The local panel was made up of Steve Gota LA Metro; Peter Thompson of SANDAG; Janet Banner of MTC; Greg Larson of Caltrans; and Michael Johnson of Port Logistics Group. Each of the panel members commented briefly on their involvement in the Connected Vehicles Program to date, and their vision for connected vehicles in each of their respective jurisdictions.

Legislative Analysis

Walter Okitsu, PE, PTOE, PTP, KOA Corporation

SB 743: The Governor's Office of Planning and Research released the draft revised CEQA guidelines for conducting transportation impacts analyses in response to last year's Senate Bill 743. Rather than eliminating traffic level of service (LOS) as an impact criterion only for projects within transit priority areas, OPR elected to eliminate LOS analysis throughout the state. The draft guidelines propose three new criteria for determining the environmental impacts of transportation: vehicle-miles traveled (VMT), local safety, and induced vehicle travel. A project could create a significant impact if it generates VMT that exceeds the regional average for similar land uses; results in substantially unsafe conditions for pedestrians, bicyclists, transit users, motorists or other users of public rights of way; or substantially induces additional automobile travel by increasing physical roadway capacity in congested areas. The deadline for comments is October 10, 2014. Erik Ruehr in ITE's San Diego Section is preparing a joint set of comments on behalf of ITE's seven California sections. You may contribute to this discussion by logging into community.ite.org and joining the California SB 743 group.

AB 1447: The Legislature has passed Assembly Bill 1447, a bill to allow traffic signal synchronization to qualify for greenhouse gas cap-and-trade funds if it is a component of a sustainable infrastructure project. By early September, Governor Brown will have either signed or vetoed the bill, or if he takes no action, allowed this bill to become law by default.

AB 1449: Assembly Bill 1193 is making its way through the legislature as of late August. The bill would allow local agencies to adopt by resolution bikeway design standards other than those in the Caltrans *Highway Design Manual* (HDM). Currently bikeways, even those not on a state highway, must conform to the HDM. The latest version of the bill requires that local bikeway design standards must be approved by a qualified engineer and adhere to National Association of City Transportation Officials' (NACTO's) *Urban Bikeway Design Guide*. This bill is supported by most bicycle

advocacy groups who feel the HDM is too restrictive. However, the California Association of Bicycling Organizations opposes the bill, fearing that poor bikeway designs would become commonplace.



Carlos Ortiz and Leo Lee at the State Capitol in April 2014 after educating decision makers and the public on AB 1447

High Speed Rail Update

David M. Schwegel, PE

On July 31, 2014, the Third Circuit Court of Appeals deemed the California High Speed Rail (HSR) project compliant with Proposition 1A approved by voters in November 2008, thereby making it eligible for accessing approximately \$10 billion in state bond money.

At the August 12, 2014 HSR Authority www.hsr.ca.gov Board Meeting in Sacramento, 35 of 36 public comment participants expressed support for the project, including many who traveled up from Fresno by bus. They conveyed the message that while the Fresno County Board of Supervisors voted to withdraw their support of the project, there is still considerable public support.

Cap-and-Trade (25% of proceeds going toward the HSR project) was identified among the nation's most stable transportation funding sources.

A \$9 million financial services contract extension was awarded to KPMG.

A \$72 million Project/Construction Management (PCM) services contract for Construction Package 2/3 (60 miles of trackway civil infrastructure between Fresno and the Kern County Line) was awarded to Arcadis. Look for the award of the actual Design/Build contract (engineer's estimate of \$1.5-\$2 billion) by year end.

Next HSR Authority Board Meeting is Tuesday, September 16. Check www.hsr.ca.gov after September 6 for agenda and location.

Next US High Speed Rail Association (www.ushsr.com) Conference is December 2-4 at Los Angeles Metro Headquarters (1 Gateway Plaza).

Career Opportunities

RBF Consulting, a company of Michael Baker International, seeks a Transportation Manager in Carlsbad to help lead and grow their Transportation Practice in San Diego County. To apply, go to www.mbakercorp.com/careers select "Job Search" and reference "IRC47880" in "Keywords."

US Transportation Secretary Anthony Foxx Town Hall Webinar

David M. Schwegel, PE

US Transportation Secretary Anthony Foxx held a Town Hall Webinar on August 6, 2014 to underscore the importance of the American general public demanding better performance from Congress in passing a stable long-term transportation funding source. With a rating of only around 10%, Congress's public approval is at an all time low. Please see *The Parties vs. The People* (2012) by Mickey Edwards for insight on why.

While Congress was successful in passing a short-term extension of the Moving Ahead for Progress in the 21st Century (MAP-21) program through May of 2015 (preventing the Highway Trust Fund from completely running dry in August 2014), they failed to pass the Secretary's \$302 billion Grow America Act which would have provided a more significant long-term transportation funding source with special emphasis on mass transit. See www.fixthetrustfund.org for the severe consequences of Congress's failure to act in the long-term. See the June 2014 ITE SoCal Newsletter for more information on Grow America.

Foxx served as Mayor of Charlotte, North Carolina during an era where the City was investing heavily in mass transit. He specifically cited travel time predictability among the key benefits of mass transit investment.

The Highway Trust Fund has been primarily reliant on the gas tax, which has failed to keep pace with increasing Vehicle Miles Traveled (VMT) and improving fuel efficiency. Congress is more likely to implement a VMT tax (similar to Oregon's pilot program) than a Cap-and-Trade funding source (similar to California) due to significant opposition from oil billionaires trying to buy legislation. In fact, these same oil billionaires tried to exempt gasoline purchases from Cap-and-Trade taxation in California via AB 69, but Senate President Pro Tem Darrell Steinberg vetoed it in August, 2014.

Vice President Joe Biden notes that while America has the world's largest economy, its infrastructure quality ranks around 28th among the world's nations.

According to the US High Speed Rail Association (www.ushsr.com), this disconnect is primarily due to America's "oil addiction" and heavy defense spending. America leads the world in defense spending. At over \$600 billion a year, America spends about the same on defense as the next ranked 14 nations combined.

During the Interstate Highway System (IHS) era, the US Government contributed approximately 70-80% of the construction cost. Now it's only approximately 5-10%, leaving

states like California to come up with solutions on its own without reliance on Washington DC. California High Speed Rail will be an especially interesting situation as Congress has failed to approve any additional funding for high speed rail (HSR) specific projects since the \$3.3 billion California grant. In fact, House Majority Leader Kevin McCarthy (R-Bakersfield) wants to "starve California HSR of any future federal funding."

Opportunities for Newsletter Advertising and Sponsorship

Melissa Countryman, PE, City of Rancho Palos Verdes, Sponsorship Chair

The monthly newsletter is a perfect venue for advertising your products and services, as it is circulated nine (9) times a year to approximately 700 ITE recipients all over Southern California. Advertisements are priced reasonably for the benefit of our members.

May-14	Iteris
Jun-14	Kimley-Horn & Associates
Sept-14	Albert Grover & Associates
Oct-14	Minagar Associates
Nov/Dec-14	(Available)

Please contact Melissa Countryman at 310-544-5256 or melissac@rpv.com to submit an ad and/or sponsor a monthly newsletter or luncheon.

2015 ITE WESTERN DISTRICT MEETING
SAVE THE DATE!
 LOCATION: Planet Hollywood Resort in Las Vegas
 DATE: Sunday, July 19 – Wednesday, July 22, 2015
 LAS VEGAS
 www.lvite2015.com
 Las Vegas 2015 WESTERN DISTRICT MEETING

Save the Date
 ANNUAL MEETING AND EXHIBITION
October 14 – October 16, 2014
 HYATT REGENCY SANTA CLARA
 Join us this fall for an outstanding show! 2014 Annual Meeting highlights:
 • Extended 2 1/2 day schedule (Tuesday – Thursday)
 • Technical tours
 • Focus on connected and autonomous vehicles
 • ITRV Training on Connected Vehicles
 ITS/CA Intelligent Transportation Society of California
 www.itscalifornia.org



SOUTHERN CALIFORNIA SECTION

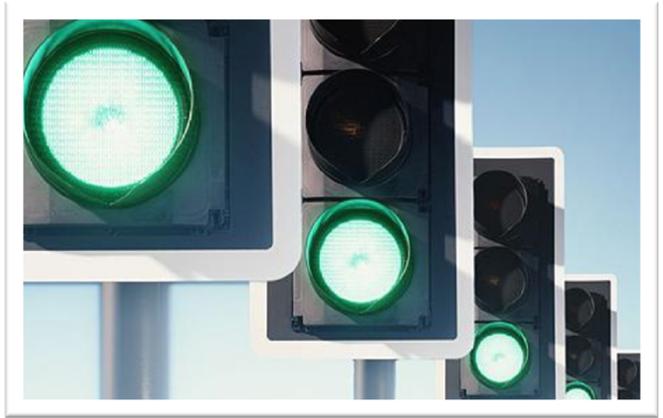
2014-2015 CALENDAR



<p>AUGUST 2014 ITE ANNUAL STEAK FRY BARBEQUE Wed. Aug 20, 2014</p> <p>MONTEREY HILL, Monterey Park Dinner – 5:30pm</p>	<p>SEPTEMBER REGULAR ITE MEETING Sept. 17, 2014</p> <p>MONTEREY HILL, Monterey Park Lunch – 11:30am</p>	<p>OCTOBER REGULAR ITE MEETING Wed. Oct. 15, 2014</p> <p>Knott's Berry Farm Resort Hotel Buena Park Lunch – 11:30am</p>
<p>NOVEMBER JOINT MEETING RIVERSIDE-SAN BERNARDINO SECTION Wed. Nov. 19, 2014</p> <p>Location TBD Lunch – 11:30am</p>	<p>DECEMBER HOLIDAY MIXER Date TBD</p> <p>Los Coyotes, Buena Park 5:30 PM</p> 	
<p>JANUARY 2013 JOINT MEETING CITY TRAFFIC ENGINEERS Wed. Jan. 21, 2015 (tentative)</p> <p>MONTEREY HILL, Monterey Park Lunch – 11:30am</p>	<p>FEBRUARY JOINT MEETING CENTRAL COAST SECTION Tues. Feb. 17, 2015</p> <p>Los Robles Greens Thousand Oaks Lunch – 11:30am</p>	<p>MARCH JOINT MEETING SAN DIEGO SECTION Fri. March 20, 2015</p> <p>El Adobe Restaurant San Juan Capistrano 10:00am – 2:00pm Workshop, 12:00 lunch</p>
<p>APRIL REGULAR ITE MEETING Wed. April 15, 2015</p> <p>MONTEREY HILL, Monterey Park Lunch – 11:30am</p>	<p>MAY JOINT MEETING OCTEC Student Chapter Presentations Wed. May 20, 2015</p> <p>Knott's Berry Farm Resort Hotel Buena Park Dinner – 5:00pm</p>	<p>JUNE MINI-WORKSHOP ANNUAL BUSINESS AND JOINT MEETING WITH ITS SOCAL Wed. June 17, 2015</p> <p>MONTEREY HILL, Monterey Park 8:30am – 2:00pm Workshop, 12:00 lunch</p>

NOTES: Schedule was last updated July 2014. Some information is subject to change.

ALBERT GROVER & ASSOCIATES GA



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