



INSTITUTE OF TRANSPORTATION ENGINEERS

SOUTHERN CALIFORNIA SECTION

NEWSLETTER

2015 – 2016, Issue No. 2

October 2015

President's Message

Giancarlo Gandini, TE



Dear ITE Southern California Members,

I would like to express one more thank you to **Juan M. Diaz** for his informative presentation on Railroad Corridor Quiet Zones at our September meeting last month. The Q&A session after the presentation was especially helpful and received a lot of interest from our local government members. If you couldn't make it to the meeting, please see the scribe report on page 3 for a summary.

I am proud to announce that our next meeting will be a new joint lunch meeting with OCTEC on Thursday, October 22nd at the Orange Hill Restaurant. Please join us for a presentation on "The Impacts of Connectivity on Transportation" by **Alan Clelland**, Senior Vice President at Iteris, Inc. There are many areas of overlap between our groups, and we hope to make this joint meeting an annual tradition. If your firm is interested in co-sponsoring the event, please contact Melissa Countryman (melissac@rpvca.gov).

Call for Volunteers: The Section is in need of a co-scribe (preferably in the Orange County area) and a sponsorship co-chair. Also, the Institute is in the early stages of planning for its Annual Meeting in Anaheim in August 2016, but the Local Arrangements Committee will be in need of volunteers to make this event a success. If you or someone you know is interested in volunteering, please contact one of the Board members.

Please see page 5 for some exciting career opportunities and other announcements. We are now offering discounts for advance purchase of multiple newsletter ads. As always, thank you to our newsletter sponsor, **Silicon Constellations**, for their support.

Next Meeting

Thursday, October 22,
11:30 AM
ITE SoCal/OCTEC Meeting

*"The Impacts of Connectivity on
Transportation"*

Alan Clelland, Senior Vice President
Iteris

Orange Hill Restaurant,
6410 E Chapman Ave
Orange, CA 92869

<https://ite-southern-california-october-luncheon.eventbrite.com>

See 2015-2016 ITE SoCal Annual
Calendar

Brief Look Ahead

October 2015

Wed 22nd-Fri 24th, Transit Oriented Development Conference, Washington DC, www.ushsr.com
Mon 26th-Thu 29th, ITE Technical Conference, Tucson, Arizona, www.ite.org (see page 5)

November 2015

Wed 18th, Joint Meeting with Riverside-San Bernardino ITE

December 2015

Wed 9th, Holiday Mixer: ITE SoCal, Riverside-San Bernardino ITE, and OCTEC
Wed 9th-Fri 11th, High Speed Rail Conference, Los Angeles, www.ushsr.com

August 2016

Sun 14th-Wed 17th, ITE Annual Meeting and Exhibit, Anaheim, www.ite.org

ITE Southern California Section
www.socalite.org

2015-2016 Southern California Section Officers

First Past President

Neelam Dorman
Kittelson Associates
ndorman@kittelson.com



President

Giancarlo Ganddini
Kunzman Associates, Inc
giancarlo@traffic-engineer.com



Vice President

Jay Dinkins
City of Santa Monica
jay.dinkins@smgov.net



Secretary

Dean Lehman
LA County Public Works
lehman@dpw.lacounty.gov



Second Past President

Sri Chakravarthy
Kimley-Horn & Associates
srikanth.chakravarth@kimley-horn.com



Treasurer

Josh McNeill
RBF, Michael Baker Int'l
jmcneill@mbakerintl.com



2015-2016 Southern California Section Chairs

Sponsorship Coordinator

Melissa Countryman
City of Rancho Palos Verdes
melissac@rpv.com



Scribes

Panayiota Georgalis
Kimley-Horn & Associates
panayiota.georgalis@kimley-horn.com



*Co-Scribe
Voluneteer Needed*

Industry Coordinator

Janna McKhann
NexTech Systems, Inc.
nextech@cox.net



Section Administrator

Erik Zandvliet
City of Manhattan Beach
ezandvliet@citymb.info



Legislative Analyst

Martin Varona
KOA Corporation
mvarona@koacorp.com



FTA/FHWA Liaison

Lawrence (Jesse) Glazer
FHWA/FTA LA Metro Office
Jesse.Glazer@dot.gov

Membership Coordinator

Amy Kim
Iteris, Inc.
alk@iteris.com



Student Chapter Liaisons

Hassan Ahmed
Gibson Transportation
hahmed@gibsontrans.com



Newsletter Editors

David Schwegel
Precision Civil Engineering
davidschwegel1@gmail.com



Elias Garcia
Albert Grover & Associates
elias@albertgrover.com



Sowmya Chandrasekhar
Iteris, Inc.
scx@iteris.com



Technical Coordinator

Bernard Li
Iteris, Inc.
bkl@iteris.com



Professional Activities Chairs

Vikas Sharma
Kimley-Horn & Associates
vikas.sharma@kimley-horn.com



Webmaster Chairs

Saly Heng
UCLA
saly.heng@kimley-horn.com



Clinton Quan
City of Los Angeles DOT
clinton.quan@lacity.org



Tiffany Huang
Kimley-Horn & Associates
tiffany.huang@kimley-horn.com



Legislative Analysis

Martin Varona, KOA Corporation

AB 451: This bill would allow a municipality to allow the operator of privately owned and maintained off-street parking facility to issue parking citations to vehicle owners parked on the facility illegally.

AB 604: This bill would prohibit operation of motorized skateboards by persons less than 14 years old and require a helmet for those less than 18 years old.

AB 1287: This bill would allow the indefinite use of video enforcement cameras on Muni buses in San Francisco to enforce parking, high-occupancy lane, and intersection obstruction violations.

AB 1098: This bill, signed by Governor Brown, would replace the vehicle level of service metric and associated deficiency plan requirements with vehicle miles traveled, air emissions reduction, and alternative (bicycle, pedestrian, transit) mode share metrics along with an evaluation of how the congestion management program facilitates the achievement of a State Air Resources Board-defined target.

AB 323: This bill, signed by Governor Brown, extends the exemption from January 1, 2016 to January 1, 2020 for repairing, maintaining, or performing minor alterations to an existing roadway for a municipality with a population under 100,000. This exemption, which took effect in 2012, has not been used.

Scribe Report

Yiota Georgalis, Kimley-Horn



Figure 1: Juan Diaz Presents "Railroad Corridor Quiet Zones"

Wednesday, September 16, marked the first formal meeting of the year under President Giancarlo Ganddini. Special thanks to Econolite for sponsoring this luncheon at Monterey Hill Restaurant, which drew over 50 attendees.

The topic was "Railroad Corridor Quiet Zones" presented by Juan Diaz, PE, MBA, President & CEO of

JM Diaz, Inc. The objective of a "quiet zone" is to create a supplemental safety zone where locomotive horns are not regularly sounded through one or more consecutive rail crossings. The primary goal is to maximize safety and prevent fatalities. The secondary goal is to reduce noise.

Safety measures include:

- Temporary or permanent Closure Crossings
- Four-Quadrant Gates
- Gates with Median or Channelization Devices
- One-way streets

Alternative methods may include enforcement (via police or photo) or public education. The presence of school zones, driveways, on-street parking facilities, access limitations, geometric irregularities, stations, and pedestrian/bicycle traffic may pose special design considerations.

CSU Fullerton Student Chapter Tours Santa Monica Light Rail Station

Jay Dinkins, PE, City of Santa Monica



Figure 2: CSU Fullerton Students at Downtown Santa Monica Metro Light Rail Station

Students from the Cal State Fullerton Student Chapter visited Santa Monica to tour the almost completed Downtown Santa Monica Metro Light Rail Station at the end of the Expo Line. The \$1.5 billion Phase 2 of the Expo Line would extend light rail service from Culver City to Santa Monica, with 7 new stations, connecting Santa Monica to downtown Los Angeles. Special thanks to Geoff Bender of Skanska for leading this unique behind-the-scenes tour.

USDOT Conducts a "Listening Tour" of America's 11 Mega Regions
David M. Schwegel, PE, Precision Civil Engineering

US Transportation Secretary Anthony Foxx created the *Beyond Traffic 2045* initiative to expose the American public to the "realities of the nation's transportation system and encourage solutions organically" as investments made decades ago are keeping America's transportation system afloat today. The *Beyond Traffic 2045: Trends and Choices* "Blue Paper" identifies policy options for: (1) How We Move, (2) How We Move Things, (3) How We Move Better, (4) How We Adapt, and (5) How We Align Decisions and Dollars. As a "final push" to solicit feedback on these five policy options, the USDOT is conducting a "listening tour" of the nation's 11 Mega Regions.

The first "tour stop" was the Northern California Mega Region at CSU Sacramento on September 18, 2015. Comprised of the principal cities of Oakland, Reno, Sacramento, San Jose, and San Francisco, this region is projected to grow from 14,037,605 in 2010 to 21,159,995 by 2050. The key region-specific question posed by USDOT: "How can sustainable land use strategies be employed while limiting the skyrocketing cost of living?" The key point to consider: While the region's abundant agricultural assets "feed the world", only 2% of these resources are consumed locally.

In his welcoming remarks, Sacramento Mayor Kevin Johnson emphasized how Sacramento is finally recovering from the Great Recession with a unique opportunity to redefine its downtown core. He also applauded local hero Anthony Sodler for thwarting a terrorist attack on a TGV train in France.

USDOT Deputy Secretary Victor Mendez encourages adopting a "legacy mindset" when planning transportation infrastructure because "if we build for the present, we are really building for the past".

USDOT Deputy Assistant Secretary Bryna Helfner noted that Americans in the nation's most congested regions typically spend 40 hours per year "stuck in traffic". For Washington DC commuters, this delay is closer to 80 hours per year. She also emphasizes that the millennial generation (born between 1982 and 2000) is the "sleeping giant", quickly surpassing the baby boomers (born between 1946 and 1964) in population. Therefore, millennial values should be "front and center" in transportation planning efforts.

Caltrans Chief Deputy Director Kome Ajise underscored the importance of the California High Speed Rail Project (www.hsr.ca.gov) to move people better.

Sacramento Area Council of Governments (SACOG) (Sacramento Metropolitan Planning Organization) CEO Mike McKeever cautioned against "great planning disasters" that stem from the assumption that the future will be the same as the past. He posed the question: "What can you do now that makes sense in the future?" Specifically millennials have markedly different housing (multi-family housing within walkable communities in the downtown core to minimize vehicle ownership and congestion commuting requirements) and mode choice (transit over private automobile with delayed drivers license acquisition and reduced vehicle ownership characteristics) values than prior generations.

Mineta Transportation Institute (MTI) Executive Director Karen E. Philbrick noted that while the US has less than 5 percent of the world's population, it drives 33 percent of the world's cars.

Metropolitan Transportation Commission (MTC) (Bay Area Metropolitan Planning Organization) Executive Director Steve Heminger discussed how transportation connects to other values and encouraged putting jobs and housing closer while avoiding the unintended consequences of "gentrification" (pricing out lower income residents in transit priority areas). The Silicon Valley is the "center of innovation worldwide", yet many elements of its transportation infrastructure are still using 1950's technologies.

ITE SoCal Members are encouraged to: (1) download the *Beyond Traffic 2045: Trends and Choices* blue paper at www.dot.gov/beyondtraffic (currently over 400,000 downloads), (2) participate in the "listening tour" when it comes to Southern California (go to www.dot.gov/beyondtraffic for the date, time, and location), and (3) be especially sensitive to the severity of the nation's transportation crisis.

Two key talking points by Transportation Secretary Anthony Foxx illustrating this severity are as follows: (1) The US spends less of its per capita GDP on transportation than many third world countries, and (2) disagreement between the political parties in Congress prevents the nation from passing a long-term transportation funding package that allows state and local agencies to move forward with their own ambitious programs.

The American Society of Civil Engineers (ASCE) (www.asce.org) is pushing aggressively for such a package this year, as "election years" have reduced certainty and reduced likelihood of passage.

Opportunities for Newsletter Advertising and Sponsorship

The monthly newsletter is a perfect venue for advertising your products and services, as it is circulated to approximately 700 public and private transportation professionals throughout Southern California. Please contact Melissa Countryman at 310-544-5256 or melissac@rpv.com to submit an ad and/or sponsor a monthly newsletter or luncheon. Advertising/sponsorship prices are as follows:

Meeting & Newsletter Sponsor:	\$500
Meeting Sponsor:	\$300
Newsletter Sponsor:	\$300
*Full Page Ad:	\$250
*Half Page Ad:	\$125
*1/4 Page Ad:	\$75
*1/8 Page (Business Card) Ad:	\$50

*Ask about discounts for advance purchases of two or more newsletter ads.

Announcements

MESSAGE FROM STUDENT LIAISON CHAIR HASSAN AHMED:

We are always looking for professionals who are willing to present to our student chapters on topics relating to the transportation industry and career development. If you are interested in speaking to one of our student chapters, please contact Hassan Ahmed at hahmed@gibsontrans.com.

CAREER OPPORTUNITY WITH ALBERT GROVER ASSOCIATES:

Albert Grover & Associates, a Fullerton-based Traffic Engineering Consulting firm, is seeking resumes from dedicated, responsible, and motivated CAD Operators and Project Engineers. Please email your resumes to aga@albertgrover.com.

ITE 2015 FALL CONFERENCE:



General Conference Information:

http://ecommerce.ite.org/imis/iCommerce/Events/Event_Display.aspx?EventKey=ITE2015FC&WebsiteKey=d5326f96-5db7-43ca-89dc-c6ef0daae20e

Agenda Highlights:

- Monday, October 26: Workshops on "Planning and Design", and "Management and Operations in an Integrated Corridor Environment"
- Tuesday, October 27: Plenary Session on "Issues Facing the Transportation Profession with Opportunities for Collaborative Solutions"
- Wednesday, October 28: Technical Tours of "Tucson, a Gold-Rated Bicycle-Friendly Community", "Tucson's Modern Streetcar", and "Innovative Intersection Treatments"

CAREER OPPORTUNITY WITH CITY OF LONG BEACH:

The City of Long Beach is recruiting for an Assistant City Traffic Engineer. If you are interested, please click on the link below. Deadline for applications is Friday, October 16, 2015.

<http://www.alliancerc.com/current-searches/assistant-city-traffic-engineer>

Silicon
Constellations
Wireless lighting for road safety



LumiStar™ VI - the traffic safety industry's only wireless and solar in-roadway light (IRWL) now shipping with a 5 year warranty.

2015
LumiStar

Strong and Durable

LumiStar, made in the USA, is CNC machined from stainless steel alloy 17-4. It easily exceeds requirements for HS-20 wheel load rating. The LumiStar has a proven track record of enduring sustained, heavy tractor-trailer traffic as well as extremely harsh weather cycles. LumiStar is bicycle friendly with gentle approach & departure angles for a smooth and safe ride.

Brightest In-Roadway Light

Increased use of portable computing technology has greatly increased driver distraction. Stopping distances are greater requiring traffic safety systems with ample advance warning. Bright in-roadway lights are a critical component in safety and effectiveness of lighted crosswalk systems. Emitting more than 4 million cd/m², LumiStar is the brightest IRWL available.

www.siliconconstellations.com



2015-2016 CALENDAR

INSTITUTE OF TRANSPORTATION ENGINEERS
SOUTHERN CALIFORNIA SECTION



<p>AUGUST 2015 ITE Annual Steak Fry Wed. Aug 19, 2015 Dinner – 5:30pm Monterey Hill Restaurant, Monterey Park</p>	<p>SEPTEMBER Regular ITE Meeting Wed. Sept 16, 2015 Lunch – 11:30am Monterey Hill Restaurant, Monterey Park</p>	<p>OCTOBER Joint Meeting with OCTEC Thurs. Oct 22, 2015 Lunch – 11:30am Orange Hill Restaurant, Orange</p>
<p>NOVEMBER Joint Meeting with Riverside-San Bernardino Section Wed. Nov 18, 2015 Lunch – 11:30am The Restaurant at Kellogg Ranch, Cal Poly Pomona</p>	<p>DECEMBER Holiday Mixer with RSB ITE & OCTEC Wed. Dec 9, 2015 Appetizers – 5:30pm Los Coyotes Country Club, Buena Park</p>	
<p>JANUARY 2016 Joint Meeting with City Traffic Engineers Wed. Jan 20, 2016 Lunch – 11:30am Monterey Hill Restaurant, Monterey Park</p>	<p>FEBRUARY Joint Meeting with Central Coast Section Tues. Feb 16, 2016 Lunch – 11:30am TBD, Thousand Oaks</p>	<p>MARCH Joint Meeting with San Diego Section Fri. March 18, 2016 10:00a – 2:00p Workshop, 12:00p Lunch El Adobe Restaurant, San Juan Capistrano</p>
<p>APRIL Regular ITE Meeting Wed. April 20, 2016 Lunch – 11:30am Monterey Hill Restaurant, Monterey Park</p>	<p>MAY Student Chapter Night Co-sponsored by OCTEC Wed. May 18, 2016 4:00p Student Job Fair, 5:00p Dinner Knott's Berry Farm Resort Hotel, Buena Park</p>	<p>JUNE Mini-Workshop/Annual Business & Joint Meeting with ITS SoCal Wed. June 15, 2016 8:30a – 12:00p Workshop, 12:00p Lunch, 1:00p Business Monterey Hill Restaurant, Monterey Park</p>

NOTE: Calendar was last updated August 2015. Some information is subject to change.