



# INSTITUTE OF TRANSPORTATION ENGINEERS

## SOUTHERN CALIFORNIA SECTION

# NEWSLETTER

2016 – 2017, Issue No. 2

October 2016

## President's Message

*Jay Dinkins, PE*



It was a pleasure seeing everyone at the first luncheon of 2016 last month. **Lia Yim** from LA Metro gave an informative presentation and discussion on the new LA Bike Share Program. The new stations around town are a welcome sight, and I encourage the friendly competition and hopefully integration for our Santa Monica bike share program. It is exciting to witness these programs progress in our profession. Thank you again **Counts Unlimited** for sponsoring our September meeting.

What did you think of the Caltrans venue in downtown Los Angeles? We are considering using it again this year and would appreciate your feedback.

I am proud to announce that our next meeting will be a joint lunch with OCTEC on Thursday, October 27<sup>th</sup>. **Erick Guzman** from Los Angeles County Department of Public Works will discuss Advanced Transportation Controller (ATC) cabinets at the Orange County Mining Company in Santa Ana. This pilot project is one of the first in the nation, and I look forward to hearing about their experience. Thank you in advance, **Econolite**, for sponsoring this month's meeting.

If you are one of the many disgruntled by the presidential election, and thinking of not voting, I have something to motivate you to the polls. Measure M in Los Angeles County is a ½ cent sales tax increase that would "improve freeway traffic flow/safety; repair potholes/ sidewalks; repave local streets; earthquake-retrofit bridges; synchronize signals; keep senior/disabled/student fares affordable; expand rail/subway/bus systems; and improve job/school/airport connections." Measure M doubles the current transportation tax revenue with planned projects for the next 40 years. Find out more at <http://theplan.metro.net/>.

I look forward to the October meeting and wish you all a wonderful month.

## Brief Look Ahead

### October 2016

- Friday 21<sup>st</sup>, Mobility 21 Summit, Disneyland Hotel, Anaheim, <http://mobility21.com/2016summit/register>
- Thurs 27<sup>th</sup>, ITE SoCal Section Joint Meeting with OCTEC, Orange County Mining Company, Orange

### February-March 2017

- Tues 28<sup>th</sup> – Thurs 2<sup>nd</sup>, West Coast Rail Conference, Los Angeles Metro Headquarters, [www.ushsr.com](http://www.ushsr.com)

### June 2017

- Sun 18<sup>th</sup> – Wed 21<sup>st</sup>, ITE Western District Annual Meeting, Hilton Resort, San Diego, [www.westernite.org](http://www.westernite.org)

### July-August 2017

- Sun 30<sup>th</sup> – Wed 2<sup>nd</sup>, ITE Annual Meeting & Exhibit, Sheraton Centre, Toronto, Canada, [www.ite.org](http://www.ite.org)

Next Meeting  
Thursday, October 27, 11:30 AM

### Joint Meeting with OCTEC

#### Orange County Mining Company

10000 Crawford Canyon Road  
Orange, CA 92705

<http://ite-octec-october-2016.eventbrite.com>

See 2016-2017 ITE SoCal Section  
Annual Calendar for upcoming  
events!

2016-2017 Southern California Section Officers

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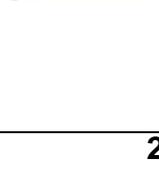


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## How Would High-Speed Rail Impact the Central Valley Economy?

David M. Schwegel, PE



High-Speed Rail Exhibition at the State Capitol in February, 2015  
(photo by David Schwegel)

According to California High-Speed Rail Authority ([www.hsr.ca.gov](http://www.hsr.ca.gov)) CEO Jeff Morales, "If the Central Valley were a state, it would be the 13<sup>th</sup> largest" by population "and the poorest" by income.

Parsons Brinckerhoff in association with Oliveira Advisory Services conducted a study and produced the report *California High-Speed Rail and the Central Valley Economy*. The study entailed researching economics statistics and interviewing stakeholders. For study purposes, the Central Valley consists of Fresno, Kern, Kings, Madera, Merced, Tulare, San Joaquin, and Stanislaus Counties. Key findings are as follows:

1. Many stakeholders regard the Central Valley as "an island that is isolated from the rest of the state by geographic, transportation, and economic barriers."
2. The region has "high poverty rates, high unemployment rates, lower-than-average educational levels, and a slower and more sporadic recovery from the 2008-2009 recession than the rest of the state". The primarily agrarian economy has had challenges tying in to the "knowledge economy" of the state's major population centers.
3. The region's population is projected to increase from 3.9 million (2010) to 8 million (2060), making it one of the fastest growing parts of the state.
4. High-Speed Rail would bring Fresno to within one hour of the Silicon Valley, and an hour and 20 minutes to the San Francisco Bay Area and Los Angeles Basin population centers, better tying it to the "knowledge economy" in these areas.

5. With robust station area planning, such as what is currently underway in Fresno, the "bedroom community effect" could be avoided through the attraction of high-technology industries.
6. Academic institutions in the Central Valley are establishing high-speed rail curricula. CSU Bakersfield is developing a High-Speed Rail Information and Simulation Center.
7. High-Speed Rail would help transform station cities into "gateway" hubs for visitors traveling to Yosemite, Kings Canyon, and Sequoia National Parks. Currently many out-of-state visitors fly in to San Francisco, Sacramento, and Los Angeles; then drive long distances to access these destinations, thereby minimizing interaction with the "gateway cities".

High-Speed Rail has been under construction in the Central Valley since January 2015. For the latest on construction activity, go to [www.buildhsr.com](http://www.buildhsr.com).

The Initial Operating Section (IOS) would bring revenue service between the Central Valley and San Jose by 2025. Phase 1 would extend to San Francisco and Los Angeles/Anaheim by 2029. Full implementation of the State Rail Plan is projected by 2040. Phase 2 would extend High-Speed Rail to Sacramento and San Diego by 2050. For more information, go to [www.hsr.ca.gov](http://www.hsr.ca.gov).

## Legislative Analysis

Martin Varona, KOA Corporation

**AB 1785** prohibits the operation of any handheld electronic communication device while driving a vehicle. The bill would authorize a driver to operate a handheld wireless telephone or a wireless electronic communications device in a manner requiring the use of the driver's hand only under specified conditions. For example, a handheld wireless telephone may be mounted on a vehicle's windshield or dashboard in a manner that does not hinder the driver's view of the road. Governor Brown approved this legislation.

**AB 26** would create the Road Maintenance and Rehabilitation Program to address deferred maintenance on the state highway system and the local street and road system. The bill currently introduces a plan to increase tax on gas and diesel a certain amount per gallon, an inflation adjustment for vehicle registration fees, as well as a \$165 annual fee on electric vehicles.

**SB 32** and **AB 197** are two climate change bills introduced in August. While SB 32 sets targets for greenhouse gas emission reductions beyond 2020, AB

197 creates more oversight and requirements for the Air Resources Board, the agency in charge of defining and regulating emission reduction methods. Governor Brown approved both pieces of legislation.

**SB 1000** would require cities to consider environmental justice when updating general plans. Cities have to do so either by adding a new element to their general plans, or incorporating environmental justice into the entire plan. This new law would specifically call for cities to examine those communities unduly burdened by health risks or pollution, identify ways to promote civil engagement in decision making, and prioritize the needs of disadvantaged communities. Governor Brown approved this legislation.

For more information on the content and status of these bills, go to: <http://leginfo.legislature.ca.gov/>.

If you would like to submit a technical article for the ITE SoCal Newsletter, please contact David Schwegel ([davidmschwegel1@gmail.com](mailto:davidmschwegel1@gmail.com)) or Dina Saleh ([dzs@iteris.com](mailto:dzs@iteris.com)).

**Trivia Corner**  
*Andrew Maximous, PE, City of Santa Monica*

Question: What City in Los Angeles County has four freeways going through it, but does not have a freeway-to-freeway interchange?



Answer: Glendale: Ventura Freeway (SR-134), Golden State Freeway (I-5), Foothill Freeway (I-210), and Glendale Freeway (SR-2).

**Scribe Report**  
*Dina Saleh, Iteris*



*Lia Yim presents the Los Angeles County Bike Share Program  
(photo by Dina Saleh)*

Wednesday September 29, 2016, marked the first formal ITE Southern California Section Meeting of the year under Section President Jay Dinkins. Thank you to Counts Unlimited for sponsoring the luncheon at Caltrans District 7 in Downtown Los Angeles.

Lia Yim, representing the Bike Share Program at Los Angeles County Metropolitan Transportation Authority (LA Metro), presented on the current bike share program run by LA Metro in partnership with LA DOT. Ms. Yim first introduced the need of a Bike Share program by emphasizing the closure of the first and last mile gap to existing public transportation facilities. The Bike Share program started on July 7, 2016 with 61 stations and 750 bicycles. The station locations were selected via crowd sourcing measures that were conducted months in advance. The bicycle units are on monthly maintenance schedules and are equipped with safety features such as hand brakes, front and rear lights that turn on automatically when riding, and adjustable seat and gears.

The business model for the program includes Metro as the lead for management and ownership, covering 50% of the capital costs and 35% of the operations and maintenance costs. The remainder of the cost is provided by the City of LA. Metro has contracted the operations of the program to Bicycle Transit Systems (BTS), the organization responsible for station monitoring, rebalancing the number of available bicycles, and customer support, among others.

Next steps for the Bike Share Program include expansion to three new communities: Pasadena, Port of Los Angeles, and Venice in the summer of 2017. Metro is currently working on TAP integration for users to be able to pay for the service via TAP cards.

Currently, TAP cards are used to unlock bicycles but cannot be used for payment. Potential bicycle sponsorship options, to be placed on the bicycles, are also being explored. Ms. Yim emphasized the ease of use and potential for expansion of the program.

### Three Perspectives on "Vision Zero"

*Michelle Birdsall, ITE International*

*Dean Lehman, PE, LA County Dept of Public Works*

#### **ITE International (Posted April 29, 2015 on ITE Community by Michelle Birdsall)**

Vision Zero is based on the idea that "zero" is the only acceptable number of traffic deaths, with cities around the globe adopting the goal of ending traffic fatalities.

The Vision Zero Network has been launched to help American cities adopt the most effective street safety policies that will help achieve the "zero deaths" goal. This network is being led by Leah Shahum, the Former Executive Director of the San Francisco Bicycle Coalition with support from Kaiser Permanente. "The purpose of this Vision Zero Network will be two-fold", says Shahum. "First, the group aims to connect officials in leading Vision Zero cities to facilitate the sharing of best practices. Second, it will establish benchmarks to determine whether cities are backing up the rhetoric with real policy action."

Shahum said the Vision Zero Network would include representatives from several agencies in five to ten leading cities, which have not yet been selected. Officials from the mayor's office, transportation department, police forces, and public health department in each city will participate. The network will develop a standard to define what it means to be a "Vision Zero city."

#### **Los Angeles County Department of Public Works**

On October 4, 2016, the Board approved a Motion directing Public Health, in consultation with the Healthy Design Workgroup, and in coordination with Public Works, Sheriffs, Fire, and Health Services to analyze traffic collision data, and report back on strategies and actions to implement a Vision Zero initiative for the unincorporated areas within 120 days.

The purpose of Vision Zero is to reduce traffic-related fatalities towards zero through a multipronged initiative involving Engineering, Enforcement, Education, and Evaluation.

Looking beyond just traffic safety, the vision also includes designing our infrastructure for multimodal transportation (such as walking and biking) and place making, which also play key roles in creating healthy and safe neighborhoods.

#### **League of California Cities**

At the October 7, 2016 League of California Cities Conference in Long Beach, some concern was expressed about not having funding to support the Vision Zero effort in most cities. Concern was also expressed about the term "Vision Zero" itself with many cities preferring the term "Towards Zero". Specifically they were concerned about making a statement that cannot be achieved. In the end they agreed to support the effort without making any commitments.

For more information on the Resolution approved by the League of California Cities, go to: <http://www.cacities.org/Resources-Documents/Policy-Advocacy-Section/Policy-Development/Annual-Conference-Resolutions/2016-Annual-Conference-Resolution-Final-Report>.

### Jacket Drive for the Homeless

*Zaki Mustafa, PE*

At the beginning of this year, through the generosity of so many, over 850 Jackets were provided to those in need through the "Jackets for the Homeless" drive. Some of the jackets were distributed in the area near the Los Angeles City Hall, and the rest were given to the Los Angeles Mission, Fred Jordan Mission, Salvation Army, Mary's Mercy Center, and Saint Vincent de Paul.

Winter is just around the corner, and we are again asking for your help, to ensure that those less fortunate are provided a warm jacket when the colder weather is upon us. Our goal this year is to distribute at least 1,000 Jackets to the homeless. We need to raise about \$7,000 for this ambitious goal. With your support, the jackets will be distributed at the beginning of the winter season.

Thank you for your support, and for your Servant's heart, as we work together to help those in need.

<https://www.gofundme.com/2jh3bbbr>

<https://transformingalife.org/>

**2017 Regional & National ITE Events  
Save the Dates!**



**\*Updated\*  
Newsletter Advertising and Sponsorship Opportunities**

The Southern California Section of the Institute of Transportation Engineers (ITE SoCal) is currently seeking sponsors for 2016-2017!

We have recently simplified our sponsorship packages, by offering discounts for sponsoring all of the events for the year. These packages were designed to save time and money, thereby maximizing the return on your contribution. Newsletters and events may also be sponsored individually with standard a la carte pricing. Sponsorships may also be upgraded by incrementally adding the difference in the a la carte prices. Our calendar is already filling up with some exciting events! Sponsoring and advertising in the ITE Southern California Section newsletter offers outstanding exposure for your firm as the newsletter gets distributed to over 700 members in the Southern California region, as well as their coworkers and acquaintances in the Transportation Engineering industry.

The ITE Southern California Section Board encourages taking advantage of this opportunity to help maintain Southern California ITE as a strong and vibrant organization with meaningful events that offer informative presentations and valuable connection opportunities with top-notch professionals in our industry. If you would like to take advantage of one or more of these extraordinary publicity opportunities, then please send a check payable to the ITE Southern California Section. We hope to have a way to pay by credit card via our website soon. Feel free to contact us if you have any questions. Thank you for your continued support of Southern California ITE!

	<i>A la Carte price</i>	<b>PLATINUM PACKAGE</b>	<i>A la Carte price</i>	<b>GOLD PACKAGE</b>	<i>A la Carte price</i>	<b>SILVER PACKAGE</b>
Newsletter	\$840	<ul style="list-style-type: none"> <li>Full page ad</li> <li>Three half page ads</li> </ul>	\$380	<ul style="list-style-type: none"> <li>Two half page ads</li> </ul>	\$200	<ul style="list-style-type: none"> <li>One half page ad</li> </ul>
Lunch Meeting (price is for 1 out of 9 meetings)	\$300	<ul style="list-style-type: none"> <li>Display table</li> <li>4 attendee lunches (\$120)</li> <li>4 minute presentation during lunch</li> </ul>	\$200	<ul style="list-style-type: none"> <li>Display table</li> <li>2 attendee lunches (\$60)</li> <li>2 min. presentation during lunch</li> </ul>	\$100	<ul style="list-style-type: none"> <li>1 attendee lunch</li> <li>"Thank You" during announcements</li> </ul>
Career Fair at Student Presentations Night	\$200	<ul style="list-style-type: none"> <li>Table at the Career Fair</li> <li>Logo on Career Fair Banner</li> <li>Recognition during the event</li> </ul>	\$200	<ul style="list-style-type: none"> <li>Table at the Career Fair</li> <li>Logo on Show Poster</li> <li>Recognition during the event</li> </ul>	\$200	<ul style="list-style-type: none"> <li>Table at the Career Fair</li> <li>Logo on Show Poster</li> <li>Recognition during the event</li> </ul>
Holiday Mixer	\$1,000	<ul style="list-style-type: none"> <li>4 event tickets (\$80)</li> <li>Recognition at the event as the Platinum sponsor</li> <li>Recognition in the event flyer, organization newsletters and websites</li> <li>5 minute presentation at the event</li> </ul>	\$500	<ul style="list-style-type: none"> <li>3 Event tickets (\$60)</li> <li>Sponsorship of either a roulette table or craps table</li> <li>Recognition at the event as the Gold sponsor</li> <li>Recognition in the event flyer and organization newsletters</li> </ul>	\$250	<ul style="list-style-type: none"> <li>Sponsorship of black jack table or poker table with Company logo</li> <li>Recognition at the event as the Silver sponsor</li> <li>Recognition in the event flyer</li> <li>1 free pass to the event</li> </ul>
<i>Value</i>	\$2,340	<b>PACKAGE PRICE</b>	\$1,280	<b>PACKAGE PRICE</b>	\$750	<b>PACKAGE PRICE</b>
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# 2016-2017 CALENDAR

INSTITUTE OF TRANSPORTATION ENGINEERS  
SOUTHERN CALIFORNIA SECTION



<p><b>AUGUST 2016</b> ITE Annual Steak Fry <b>Wed. Aug 24, 2016</b> Dinner – 5:30pm  Monterey Hill Restaurant, Monterey Park</p>	<p><b>SEPTEMBER</b> Regular ITE Meeting <b>Revised Thurs. Sept 29, 2016</b> Lunch – 11:30am  Caltrans District 7, Los Angeles</p>	<p><b>OCTOBER</b> <b>Joint Meeting with OCTEC</b> <b>Thurs. Oct 27, 2016</b> Lunch – 11:30am  Orange County Mining Co., Orange</p>
<p><b>NOVEMBER</b> <b>Joint Meeting with Riverside- San Bernardino Section</b> <b>Wed. Nov 16, 2016</b> Lunch – 11:30am  The Restaurant at Kellogg Ranch, Cal Poly Pomona</p>	<p><b>DECEMBER</b> <b>Holiday Mixer with RSB ITE &amp; OCTEC</b> <b>Wed. Dec 7, 2016</b> Appetizers – 5:30pm  Los Coyotes Country Club, Buena Park</p>	
<p><b>JANUARY 2017</b> <b>Joint Meeting with City Traffic Engineers</b> <b>Wed. Jan 18, 2017</b> Lunch – 11:30am  Monterey Hill Restaurant, Monterey Park</p>	<p><b>FEBRUARY</b> <b>Joint Meeting with Central Coast Section</b> <b>Tues. Feb 7, 2017</b> Lunch – 11:30am  City of Thousand Oaks Municipal Service Center</p>	<p><b>MARCH</b> <b>Joint Meeting with San Diego Section</b> <b>Fri. March 10, 2017</b> 10:00a – 2:00p Workshop, 12:00p Lunch  El Adobe Restaurant, San Juan Capistrano</p>
<p><b>APRIL</b> <b>Regular ITE Meeting</b> <b>Wed. April 12, 2017</b> Lunch – 11:30am  Monterey Hill Restaurant, Monterey Park</p>	<p><b>MAY</b> <b>Student Chapter Night Co-sponsored by OCTEC</b> <b>Wed. May 17, 2017</b> 5:30p Student Job Fair, 6:30p Dinner  Knott's Berry Farm Resort Hotel, Buena Park</p>	<p><b>JUNE</b> Mini-Workshop/Annual Business &amp; Joint Meeting with ITS SoCal <b>Revised Wed. June 14, 2017</b> 8:30a – 12:00p Workshop, 12:00p Lunch, 1:00p Business  Monterey Hill Restaurant, Monterey Park</p>

NOTE: Some information is subject to change.

INSTITUTE OF TRANSPORTATION  
ENGINEERS



P R E S E N T

Joint Meeting with OCTEC  
at  
Orange County Mining Company  
10000 Crawford Canyon Road  
Orange, CA 92705

**THURSDAY**  
**10.27.2016**  
**11:30 AM**

## LOS ANGELES COUNTY'S DEPLOYMENT OF ATC DC CABINETS

Erick Guzman  
LA County DPW

**EARLY REGISTRATION ENDS ON FRIDAY 10/21**

Please register online at <http://ite-octec-october-2016.eventbrite.com>

For question please contact:

*Joshua McNeill, P.E., T.E.*  
Secretary  
ITE Southern California Section  
[jmcneill@mbakerintl.com](mailto:jmcneill@mbakerintl.com)

Early Registration \$20 | At Door Registration \$30 | Students \$15

Thank you to Econolite for sponsoring our October Meeting



## Call for Data—*ITE Trip Generation Manual, 10<sup>th</sup> Edition*

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](http://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](mailto:lfontana@ite.org).