



INSTITUTE OF TRANSPORTATION ENGINEERS

SOUTHERN CALIFORNIA SECTION

NEWSLETTER

2016 – 2017, Issue No. 9

June 2017

President's Message

Jay Dinkins, PE



Thank you for giving me the honor of serving as your ITE SoCal Section president this past year. This has been such a great experience that I have decided to change our bylaws, and appoint myself as president for at least one more year. Sorry, Dean, you will have to wait. Ok fine, Dean, you can be president. Seriously though, our industry's priorities are shifting, and it has been exciting to be at the forefront of providing presentations on hot transportation engineering topics throughout the year.

Eight out of our 11 events were joint meetings with other local organizations. It is important to continue this bond with similar organizations in the future as our partners often provide a different perspective on these sometimes-controversial topics. I am proud that we continued our student involvement by keeping the luncheon costs low for them. We had another successful Student Traffic Bowl, Job Fair, and Student Presentation Night. ITE SoCal and OCTEC together donated \$10,000 to the Traffic Bowl winners, and \$12,000 in scholarships at the Student Presentation Night. ♪ I believe the students are our future. Teach them well and let them lead the way. ♪

We have two fine gentlemen running for the ITE SoCal Section Treasurer position, **Hassan Ahmed** and **Ed Alegre**. They have both been active members of ITE SoCal for several years serving in various ITE and OCTEC leadership positions. I would be proud to call either one of them "Board Members". Please review their candidate statements on Page 9. Registered ITE SoCal members should have received an e-mail with a link to the voting website. Voting closes at noon on June 14th, and the results will be announced at our meeting that same day.

As I pass the reigns, I must thank my fellow Board Members: **Dean Lehman**, **Josh McNeill**, and **Sowmya Chandrasekhar** for their support and behind the scenes work at meetings to keep this "well-oiled machine" running smoothly. Special thank you to our Past Presidents **Giancarlo Ganddini** and **Neelam Dorman** for their help guiding me through this experience. Thank you to each of our Section Chairs for their diligence in producing this monthly newsletter, to booking speakers and sponsors, and many more tasks. None of this would be possible without our amazing Section Chairs. I look forward to continuing my involvement with ITE throughout the years. We are going to have a blast in San Diego later this month at the ITE Western District Annual Meeting, and I hope to see everyone there. Thank you to this month's newsletter sponsor, **Iteris**. Have a great summer, and be excellent to each other!

Brief Look Ahead

June 2017

- Sunday 18th – Wednesday 21st, ITE Western District Annual Meeting, Hilton Resort, San Diego, <http://sandiegoite2017.com/>
- Monday 19th, On-line voting closes for Western ITE positions, <http://westernite.org/2017-western-district-officer-elections/>

July – August 2017

- Friday July 21st, ITE 15k Membership Campaign deadline (see form attached)
- Sunday 30th – Wednesday August 2nd, ITE Annual Meeting & Exhibit, Sheraton Centre, Toronto, Canada, www.ite.org

ITE Southern California Section
www.socalite.org

Next Meeting

Wednesday, June 14,
8:00 AM – 12:00 PM Workshop
12:00 PM – Lunch
1:00 PM - Business

Mini-Workshop/Annual Business & Joint Meeting with ITS SoCal

*Smart Cities: How to Prepare
Our Transportation System*

Monterey Hill Restaurant
3700 W Ramona Boulevard
Monterey Park, CA 91754

<https://www.universe.com/events/smart-cities-tickets-XB7VKT>

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June 2017 ITE SoCal Scribe Report

Sandhya Perumalla, ITE SoCal Scribe



(Photo Credit: Eric Shen)

ITE SoCal hosted a Job Fair and annual Student Presentation Night, co-sponsored by Orange County Traffic Engineering Council (OCTEC) at the Knott's Berry Farm Hotel in Buena Park on Wednesday May 17th, 2017. There were over 100 attendees, including students from six ITE SoCal Student Chapters – Cal Poly Pomona (CPP), CSU Fullerton (CSUF), CSU Long Beach (CSULB), UC Irvine (UCI), UC Los Angeles (UCLA), and University of Southern California (USC).

Saly Heng, ITE SoCal Student Chapter Liaison, was the emcee for the evening. ITE SoCal Section Treasure Candidates, Hassan Ahmed and Ed Alegre, delivered their candidate statements. Ed Alegre was not in attendance because he just had a baby. (Congratulations Ed!). OCTEC president Keith Rand read the candidate statement on Ed's behalf.

Announcements were made with reminders about the upcoming elections for OCTEC and ITE SoCal Section and Western District. The winners from the 2017 Student Traffic Bowl held in February were announced. USC won the first prize of \$1500 followed by UCLA with a \$500 prize for second place.

The annual Student Presentation Night ended with the student presenters winning \$10,000 worth of awards, which will go towards assisting their Student Chapters. The CPP team won first place with their presentation on the Metro Gold Line Foothill Extension Light Rail Transit Project.

USC took second place with their presentation on Reverse Engineering Uber Pool/Lyft Line Pricing Strategies Using Big Data Analytics. This presentation offered valuable pointers for users of Uber/Lyft.

UCI took third place with their presentation on Virtual

Traffic Signs Paving the Way for V2I Technology. They partnered with a San Francisco based startup company, Sign Waves.

UCLA, CSUF, and CSULB also placed and received cash awards. Their presentations were - Trip Generation Study on a Transit-Oriented Development in Culver City (UCLA), Left-Hand Turn Violation Reduction for At-Grade Crossings with Illuminated Raised Pavement Markers (CSUF), and Should I Keep Waiting for the Bus? (CSULB).

Overall, it was an enjoyable evening with great presentations. Thank you to the panel of judges and to the photographer Prof. Eric Shen (USC).

The next ITE SoCal meeting takes place on Wednesday June 14th, 2017 from 8:30 am to 2:00 pm at the Monterey Hill Restaurant in Monterey Park. This is a joint meeting with ITS California Southern Section. The theme for the mini-workshop is "Smart Cities: How to Prepare Our Transportation System."

Transportation Comedy Corner



(Photo Credit: Daily Mail Australia)

Civil Engineers Statewide Meet with Legislators while Learning about the Legislative Process

David M. Schwegel, PE



On Wednesday, May 17, over 50 Civil Engineers statewide convened in Sacramento for the ASCE (American Society of Civil Engineers, www.asce.org) California Region Legislative Day. The morning portion consisted of educational sessions at the Sutter Club followed by afternoon Legislative visits in the Capitol.

Takeaways from the educational sessions are as follows:

1. **ASCE Legislative Advocate Richard Markuson** emphasized the importance of being flexible, on time, focused, and non-adversarial. He also discussed the value of “leave behinds”. Provided “leave behinds” included summaries of national (www.infrastructurereportcard.org) and state (www.ascecareportcard.org) infrastructure report cards along with summaries of policy statements and issue briefs from ASCE.
2. **Bob Franzoia (Former Staff Director, Senate Appropriations Committee)** emphasized the importance of getting either the Speaker of the Assembly or the Senate President Pro Tem to champion a given piece of legislation. Public comment time has been shortened significantly. Therefore, such comments must be clear and succinct. Additionally, he indicated the importance of identifying early on whether the constituent is dealing with a “people person” (social-driven) or a “paper person” (data-driven) and resonating with their style accordingly.
3. **Senator Bill Dodd** emphasized the significant reduction in purchasing power of the gas tax since the last time it was last raised in 1993. Had the SB 1 vote been delayed to 2018, it may not have passed due to preoccupation with reelection. In terms of getting more enthusiastic cooperation from Washington DC, approach it from the standpoint of ‘are we doing all we can as a state to ensure a congenial relationship?’
4. **Capitol Weekly Editor John Howard** noted the significant changing demographics with regard to party affiliation as an ever-growing number of constituents are gravitating toward Independent.

He also indicated that while Democrats hold a two-third’s supermajority in the Legislature, rural communities tend to resonate more with Republican values.

5. **Senator Scott Weiner** emphasized how the US has “dropped the ball on infrastructure” with a major investment in the Interstate Highway System (1955) being a far too distant memory. He also underscored the importance of the successful passage of Senate Bill 1 (SB 1, Road Repair and Accountability Act of 2017 raising \$52 billion in transportation revenues over the next 10 years) as the “largest package for transportation in decades”. Forthcoming legislation for consideration includes: (a) reducing the voter approval threshold from a two-thirds supermajority to a 55% majority, and (b) reforming housing (SB 35). Such housing reforms would entail providing a more favorable balance between supply and demand instead of maintaining the current trend of reducing supply and driving up costs, as the housing crisis has now become a statewide issue. Specifically the Senator cited the Inland Empire Region where housing prices have increased significantly. He also emphasized that the lofty goal of powering our electrical system 100% by renewable energy sources by 2060 may be achievable.

The primary takeaway from the afternoon Legislative visits is the importance of resonating with both the revenue (Democrats) and reform (Republican) schools of thought. ASCE has lots of resources that resonate well with the revenue school of thought including the Report Card on America’s Infrastructure (www.infrastructurereportcard.org). A major ASCE initiative that has significant potential for resonating with the reform school of thought is the “Grand Challenge” (<http://www.asce.org/grand-challenge/>) of closing the ever-widening infrastructure gap between escalating costs and dwindling funding. Among the key provisions are “significantly enhancing the performance and value of infrastructure projects over their lifecycles by 2025” and “fostering the optimization of infrastructure investments for society”. Meetings with Republicans went much better this year as participants focused on closely listening and thoroughly understanding their concerns with SB 1, as all of the Republicans except for Senator Anthony Cannella voted against it. In the end, these Republicans asked the participants for their opinions on hot topics in transportation such as autonomous, electric, and driverless vehicles.

Transportation professionals are encouraged to closely follow the outcome of SB 1 while effectively communicating reform mechanisms such as the Grand Challenge (www.ascegrandchallenge.com).

Legislative Analysis

Martin Vorna, ITE SoCal Legislative Analyst



California
LEGISLATIVE INFORMATION

SB 760

This bill sets up the Division of Active Transportation within Caltrans and assigns an undersecretary within Caltrans to direct attention to active transportation (walking, bicycling) program topics. This is to encourage progress toward meeting program goals and objectives. SB 760 would also incentivize the California Transportation Commission (CTC) to boost safety for pedestrians and bicyclists in such active transportation facilities. Additionally, SB 760 requires Caltrans to update the Highway Design Manual to incorporate the “complete streets” design concept by January 1, 2018.

AB 390

Current law allows a pedestrian to proceed to cross a signal-controlled roadway when facing the “walk” indication only. AB 390 allows a pedestrian facing a “countdown” signal to cross the roadway when facing the “flashing don’t walk” indication with a countdown timer provided that the timer indicates sufficient time to complete the crossing safely.

AB 1233

This bill creates the Office of the Transportation Inspector General to confirm that all state agencies receiving state transportation funds are maintaining effective and efficient operations while complying with federal and state laws. This Transportation Inspector General would be appointed by the Governor for a 6-year term. The Joint Legislative Audit Committee would provide the Governor with a short list of three nominees determined by a vote of a majority of the committee membership from each house of the Legislature.

AB 91

Effective July 1, 2018, AB 91 prohibits establishment of an HOV lane in Riverside County outside of the peak traffic timeframes, as determined by Caltrans. AB 91 also requires existing HOV lanes that are not already toll lanes to be modified to operate as a HOV lane during these same peak traffic timeframes. Such provisions apply only if Caltrans, with the concurrence of the Riverside County Transportation Commission (RCTC) and Southern California Association of Governments (SCAG), determines that compliance does not subject local and regional governments to financial penalties. Effective May 1, 2019, Caltrans would be allowed to reinstate the 24-hour HOV lanes only if deemed more

effective, based on the before and after findings of Caltrans-prepared traffic impact reports presented to the Legislature.

ITE Membership Campaign

Amy Kim, ITE SoCal Membership Coordinator



ITE has launched a membership campaign that will last until **July 21, 2017**. The 15k membership campaign strives to add 500 new members for the coming year. Two contests are included as part of the campaign: one at the Section level and one at the Individual level.

Section Contest:

- The three ITE Sections with the largest percentage increase in paid memberships (counting those that we define as new) will be the winners.
- The top three sections will be highlighted at the Annual Meeting and in other ITE communications (Journal, Social Media, Spotlight, etc.)
- Financial incentive for the section winners: 1st place = \$2,500, 2nd place = \$1,000, and 3rd place = \$500
- The sections will get credit for every new, paid member that signs up between now and July 21, 2017.

Individual Contest: (Member-get-a-Member Campaign)

- Individuals will get credit for any new, paid members when a new member joins and notes

that a particular person recommended they join. This information will be collected in both online and by paper forms for membership application.

- For every new person that joins and indicates a person who asked them to join, the person who recommended the membership will receive a 50% discount on an ITE webinar, good through 12/31/2017.
- The individual who signs up the most new, paid members will receive a complimentary registration to the 2018 ITE Annual Meeting.
- The winner will be highlighted at the Annual Meeting and in other ITE communications (Journal, Social Media, Spotlight, etc.)

Please view the ITE Membership Video for more information: <http://www.ite.org/membership/index.asp>

Please see the Membership Application form and promotional flyer at the end of this newsletter.

**ITE Western District Election:
Don't Forget to Vote!**



The Western District Election ballots were sent out on Thursday, May 18 to all members. Please look for the e-mail and be sure to vote! We look forward to gaining the highest voter turnout ever. On-line voting closes **Monday, June 19** at midnight ET.

There are two excellent candidates for Secretary/Treasurer, Paul Barricklow and Devin Moore. Their candidate statements, along with candidate statements for President (Mark Spencer), Vice President (Neelam Dorman) and International Director (Carlos Ortiz), can be found here: <http://westernite.org/2017-western-district-officer-elections/>

Why Evaluate the External Impacts of Sustainable Transportation Projects Using Economics?

David M. Schwegel, PE



The ITE Sustainability Standing Committee (SSC) has an Economics Subcommittee that is developing methodologies to evaluate the impacts of sustainable transportation projects and practices using economics. Specifically, this subcommittee is exploring sustainability as a lifecycle cost principal (such as Houston making the transition from incandescent to LED lighting), an organizing principal (such as NCHRP Report 750 Volume 4 on "Sustainability as an Organizing Principal for Transportation Agencies"), and a planet/human health principal. As noted in the recent Fix Our Roads Rally at the Capitol, it is important that ambitious transportation infrastructure endeavors resonate well with both the revenue (Democrat) and reform (Republican) schools of thought. Exploring sustainability as a planet/human health principle looks beyond the internalities of the project lifecycle and the agency organization to the external impacts on humanity. Some potential externalities to be explored include reductions in Greenhouse Gas Emissions (GHG), improvements in human health, and prioritization of projects based on positive tangible impacts to Environmental Justice communities.

Greenhouse Gas Emissions: Assembly Bill 32 (Global Warming Solutions Act of 2006) sets ambitious Greenhouse Gas Emission (GHG) reduction goals of 1990 levels by 2020 and 40 percent below 1990 levels by 2030. Exhibit 1.1 of the California High-Speed Rail "Sustainability Report" (December 2016) plots material aspects such as energy, sustainable infrastructure, business management, community & ridership, and natural resources on a graph based on their perceived significance to stakeholders and the Authority itself. The y-axis is significance to stakeholders. The x-axis is significance to the California High-Speed Rail Authority (www.hsr.ca.gov). Of the material aspects surveyed, the energy category of GHG Emissions scored the highest. According to the Authority's "Sustainability

Report”, the Statewide High-Speed Rail Project is projected to “cumulatively avoid 2.1 to 2.8 million metric tons of GHG Emissions” by 2030. This is the equivalent of getting 500,000 cars off of the state’s roadways for one year. Additionally, this project is projected to stimulate feeder transit systems (<https://www.metro.net>) and station area developments (www.tod.org), thereby having a compounding effect on GHG reduction.

Human Health: Two of the many human health benefits of sustainable transportation projects include reductions in Asthma and Type II Diabetes. Asthma is related to high GHG emissions. California High Speed Rail Authority Board Chairman Dan Richard notes: “1 out of 5 children in California’s Central Valley suffers from Asthma.” Senate President Pro Tem Kevin De Leon notes: “Asthma is the number one cause of school absenteeism.” A 1987 National Medical Expenditure Survey, as published in a report on “A national estimate of the economic costs of asthma” in the US National Library of Medicine (<https://www.ncbi.nlm.nih.gov/pubmed/9309994>), pegs the total cost of Asthma in the US at \$5.8 billion (inflated to 1994 dollars). In its “Economic Costs of Diabetes in the U.S. in 2012” report, the American Diabetes Association pegs the total cost of Diabetes at \$245 billion (\$176 billion in medical expenses plus \$69 billion in diminished productivity). Station area developments provide transportation alternatives to the private automobile, thereby reducing GHG’s while encouraging active transportation (walking, bicycling). Such activities reduce cases of Type II Diabetes.

Environmental Justice: The California Office of Environmental Health Hazard Assessment (OEHHA) in collaboration with the California Environmental Protection Agency (CalEPA) has just released the CalEnviroScreen 3.0 (<https://www.ncbi.nlm.nih.gov/pubmed/9309994>) tool. This tool color coordinates regions of the state based on a combination of poverty and exposure to environmental hazards such as loud noises and high GHG’s. The color coordination scheme ranges from red (high-poverty with highest exposure to environmental hazards) to green (low-poverty with lowest exposure to environmental hazards). The red regions, which are heavily concentrated in California’s Central Valley, are deemed highest priority for transportation projects funded from GHG reduction and related funds. This was one of the justifications for starting the Statewide High-Speed Rail Project in the Central Valley.

Transportation professionals are encouraged to: (a) explore tools for quantifying the GHG reduction of major transportation infrastructure projects, (b) examine the

economic benefits of improvements in health, and (c) learn how OEHHA prioritizes sustainable transportation projects based on positive tangible benefits to environmental justice communities. Such economic justifications are essential for getting buy-in from elected officials, particularly those of the reform school of thought.

For more information on how the California High Speed Rail Authority evaluates the sustainability benefits of the Statewide High Speed Rail Project, go to: https://www.hsr.ca.gov/docs/programs/green_practice/sustainability/Sustainability_Report_Dec_2016.pdf.

Look for a webinar series on this economics topic on ITE’s Learning Hub within the next couple of months.

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

Career Opportunity

Associate Principal Traffic Design/Operations Engineer

RK Engineering Group, Inc. is looking for an experienced and self-motivated engineer to join our Newport Beach team. RK is a well-established Transportation/Environmental Engineering firm serving public and private sector clients.

The ideal candidate is a Civil Engineer with California Professional Registration and experience in traffic signal, signing/stripping and traffic control design.

The position requires producing traffic engineering plans, technical analysis, supervising staff engineers, presenting information to clients and approval agencies, and marketing RK services.

To be a part of the innovative and cohesive RK team, please email your resume to:

Rogier Goedecke, President : rg@rkengineer.com
[LinkedIn](#)
[RK Engineering Group](#)

Month	Newsletter Sponsor	Lunch Sponsor
August 2016 Annual Steak Fry Event	No Issue	
September 2016 Monthly Luncheon	 iteris [®]  Quality Counts TRANSPORTATION DATA COLLECTION SERVICES	
October 2016 Joint ITE-SoCal/OCTEC Meeting	 Michael Baker INTERNATIONAL  Quality Counts TRANSPORTATION DATA COLLECTION SERVICES	
November 2016 Joint ITE-SoCal/RSBITE Meeting	 	
December 2016 Holiday Mixer (ITE-SoCal/RSBITE/OCTEC)	   Quality Counts TRANSPORTATION DATA COLLECTION SERVICES	Platinum iteris [®]  Gold    Michael Baker INTERNATIONAL
January 2017 Joint ITE-SoCal/CTE Meeting	iteris [®]  	iteris [®]
February 2017 Joint ITE-SoCal/Central Coast Meeting	  NDS National Data & Surveying Services	
March 2017 Joint ITE-SoCal/San Diego Meeting	Michael Baker NDS INTERNATIONAL National Data & Surveying Services 	
April 2017 Monthly Luncheon	iteris [®] NDS National Data & Surveying Services	Michael Baker INTERNATIONAL
May 2017 Student Chapter Night (ITE-SoCal/OCTEC)	NDS  National Data & Surveying Services Kimley-Horn and Associates, Inc.	Platinum iteris [®]  Gold    Michael Baker INTERNATIONAL
June 2017 Mini-Workshop/Annual Business & Joint Meeting (ITE-SoCal/ITS-SoCal)	iteris [®]	iteris [®]   

ITE Southern California Elections 2017-2018
Giancarlo Ganddini, Southern California Section Past President

Dear ITE Southern California Board – It's election season! The Nominating Committee is excited to announce two well-qualified candidates running for 2017-2018 Section Treasurer. Both candidates have experience in leadership positions and are excited for the opportunity to serve the Section. Please see their candidate statements below. Voting ballots will be distributed via e-mail by May 14, 2017; please ensure that your contact information is current with ITE International as the latest membership list will be requested next week. You will have 30 days to vote with voting ending at 12:00 PM on June 14, 2017. The winners will be announced on June 14, 2017 at our Annual Business Meeting and the new board will be sworn in at the end of the meeting. Please show your support for our candidates and vote!

Ed Alegre, PTP

Los Angeles County Metropolitan
Transportation Authority (Metro)
ITE SoCal Section Treasurer Candidate



I learned that a good leader is an excellent communicator, confident, genuine, and understands the "big picture". I am honored and excited to be nominated in this leadership role, to serve on the ITE SoCal Section Board as your Treasurer. I have been an ITE member since 2002 and have seen this organization continue to grow its presence in the transportation field, as well as the academic/university institutions. As your Treasurer, and for the rest of my time on the Board, I will bring forth the knowledge and values that I have learned through my career and also my affiliations with other professional organizations.

From being on the Orange County Traffic Engineering Council (OCTEC) Board the last four years, I was able to bring in new ideas to that organization to help it grow membership and young professional involvement. One of my first tasks was to focus on the membership and provide more benefits to the members. The first thing I initiated was Social Events so that members can interact and network with one another. This was a great success for the organization, which led to our annual ITE SoCal/OCTEC/RSBITE Holiday Mixer. I plan to bring more to the organization by having additional social events to get younger ITE professionals and students involved.

Another area I would like to focus on is the involvement of the public sector. As a Metro employee, we work closely with local agencies and stakeholders, and have accessibility to the different areas of transportation. I would like to bring in these different professionals in transportation to our meetings so that members can understand the planning and policy aspects on how projects come to fruition. In addition, I will work with the Board to try and subsidize the cost of meetings, so that more students and public agency members can attend and participate.

Lastly, I will work with our Sponsorship Chairs to bring in more sponsors to help alleviate our operation costs. Also, I believe that we can raise more money for Student Night to give back to our student chapters. With my relationships with the private industry, OCTEC, and ITS-CA, we can reach that goal to provide more benefits to our young student professionals.

It will be a great honor and privilege to serve on the ITE SoCal Board. I truly would appreciate your support and vote of confidence in me to help make ITE SoCal the best organization in California. Thank you!

Hassan Ahmed, TE

Kittelson & Associates, Inc.
ITE SoCal Section Treasurer Candidate



It is truly an honor to be nominated as a candidate for the Southern California Section Treasurer position, as ITE holds a special place in my heart. My involvement with this great organization began back when I served as President of the UC Irvine student chapter. Since graduating, I have had the pleasure of serving as a bridge between the professionals and the students as the Student Liaison Chair for the So Cal Section. I have mentored students interested in pursuing a career in transportation and have organized countless events that included the annual Traffic Bowl and Student Presentation Night.

In addition to serving as the Student Liaison Chair for our Section, I was also a member of the LeadershipITE, Class of 2016. During the last year, I had the opportunity to work with other leaders in the industry to gain an understanding of the challenges we face as transportation professionals and as an organization. Our group worked closely with the International Board of Directors to discuss how our organization operates and identify strategies to provide our members with the resources they are seeking. As part of our Section's leadership team, I hope to bring the knowledge from this experience back to our Section and continue to implement new strategies to improve member resources.

The following list summarizes some of my goals if elected Treasurer for the So Cal Section:

- Ensure fiscal responsibility and identify opportunities to reduce costs
- Engage the next generation of transportation professionals and promote increased involvement in the Section by the younger members
- Work with active Public Agency members to promote and increase Public Agency involvement
- Improve communication with Western District and International ITE to ensure that our members have access to the resources and connections they seek

It would certainly be an honor to serve as the Southern California Section Treasurer. I hope to have your vote and I look forward to serving our Section. Thank you.

2016-2017 CALENDAR

INSTITUTE OF TRANSPORTATION ENGINEERS
SOUTHERN CALIFORNIA SECTION



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

NOTE: Some information is subject to change.

Joint Meeting of ITE Southern California and ITS California Southern Section

Wednesday, June 14, 2017 – 8:30 AM to 2:00 PM
Registration & Continental Breakfast begins at 8:30 AM
Presentations begin at 9:00 AM

Smart Cities: How to Prepare Our Transportation System

ITS California Southern Section and ITE Southern California are pleased to present our next exciting workshop centered around vision, planning, and deployment of Smart Cities. What is a Smart City, how can you prepare your city for the technological revolution and harness the power of data analytics, ubiquitous communications, and a highly effective transportation system? Come hear our exciting and well informed panelist and jump start your city's IQ.

Morning Panel Discussion

City of Chula Vista, Vision for the Future

Bill Valle, Assistant Director of Engineering, City of Chula Vista

Coachella Valley, ITS Master Plan – Steps to Smart Region

Carlos Ortiz, Chief Operating Officer and Principal, Advantec Consulting

The Triangle that ties the Smart City Digitalization

Lew Gaskell, Smart Cities Mobility Executive Siemens Mobility Division

Public-Private-Partnership Models for Funding Smart Cities

Ray Cheung, Strategic Capital Planning, LADOT

Communication Fundamentals Enabling Smart Cities

Jay Dinkins, P.E., Transportation Engineer, City of Santa Monica

Lunch Keynote (12 noon):

Planning for Smart Cities – The Columbus Example

Dr. Randy Butler, DBA PMP, CDM Smith

Cost:

ITS CA or ITE Members: \$50

Non-Members: \$75

Menu Choices:

- Roast Prime Rib of Beef
- Fresh Atlantic Salmon
- Vegan Plate (No Animal Products)

Date: June 14, 2017 (Wednesday)

Place: **Monterey Hill Restaurant, Monterey Park, CA**
3700 West Ramona Boulevard, Monterey Park

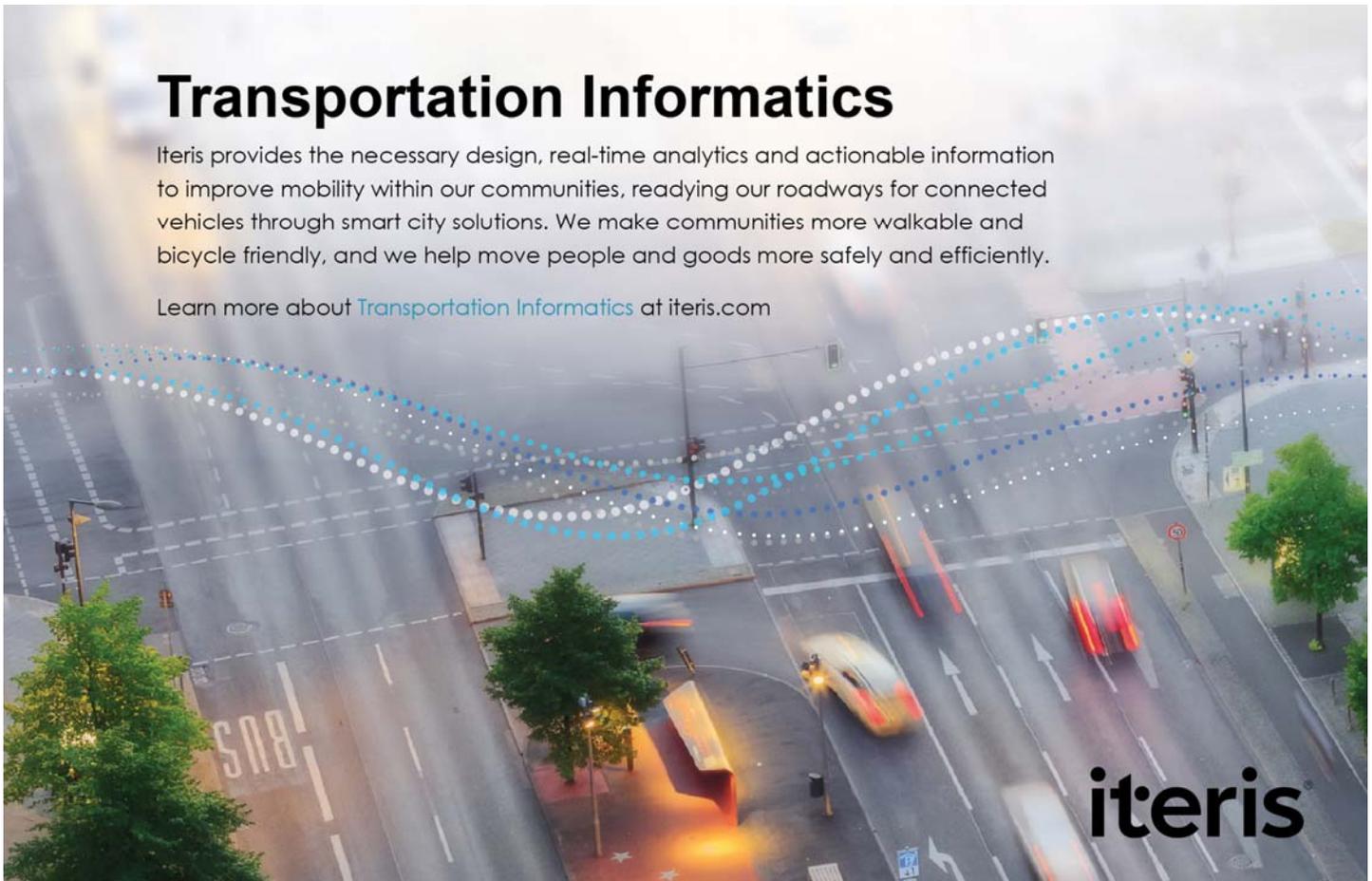
EVENT SPONSORS: Stantec & Advantec Consulting Engineers

For questions or to pay at the door, please contact carole.cleary@parsons.com by June 9, 2017 if you plan to attend. Please use the link below to register for the event.
<https://www.universe.com/smartcities2017>

Transportation Informatics

Iteris provides the necessary design, real-time analytics and actionable information to improve mobility within our communities, readying our roadways for connected vehicles through smart city solutions. We make communities more walkable and bicycle friendly, and we help move people and goods more safely and efficiently.

Learn more about [Transportation Informatics](http://iteris.com) at iteris.com





Ken Ackeret, P.E., PTOE, Ph.D.

Principal, Kimley-Horn and Associates, Inc., Las Vegas, NV, USA

Ken4ite.org

ken.ackeret@kimley-horn.com

Volunteers Moving ITE Forward

I am passionate about our ITE members who volunteer for the success of our profession. They are the backbone of the ITE Community and ensure the sustainability, visibility, strength, and growth of our organization. With my strong focus on volunteerism, backed by my 30+ years of active ITE membership, together we will Move ITE Forward as a leader in the global transportation community. I will support and encourage our volunteer efforts to be focused on the four cornerstones of ITE—***Recognized, Relevant, Value-added, Connected.***

I have been fortunate to serve at all levels of ITE leadership including Western District Technical Chair and President, International Director, Traffic Bowl Chair and Transportation Professional Certification Board Chair. This experience has given me the knowledge, ability, and excitement to effectively work with our volunteers to ensure we are:

- ***Recognized as leaders in the transportation community***
- ***Focused on work relevant to our profession***
- ***Adding value to our members and the profession***
- ***Connecting globally to strengthen our worldwide community***

As a principal at Kimley-Horn for 25 years, I have brought diverse groups together to work toward common goals by applying my unique blend of academic and applied transportation knowledge. This experience will serve as my foundation to ensure our volunteers at all levels are working to Move ITE Forward.

In addition to my ITE volunteerism, my community volunteerism includes serving as Scoutmaster with Boy Scout-Wood Badge, Leadership Las Vegas, and Corvette Club President to name a few. As your International Vice President, I will be a servant leader to our diverse volunteers and will successfully implement plans, programs, and ideas at the international level to ensure that ITE grows as a leader in the global transportation community. Thank you for your support.



Bruce Belmore, P.Eng., PTOE, AVS, FITE

Western Canada Transportation Planning Manager, WSP Group, Regina, SK, Canada

bruceb4ite@gmail.com | www.bruceb4ite.com | connect:   

Who am I? I am a **devoted transportation professional** with over 25 years of experience and **passionate about ITE**. I have served ITE at the Section, District, and International levels. My involvement includes recently completing a three-year term on the International Board of Direction. Further, I give back to the engineering community as an adjunct professor at the University of Regina. I intend to **build upon the hard work and initiatives already started**, and **continue to develop ITE as a leading organization** in operating and delivering services to members.

Goals:

1. **Communication** – we need to reflect how members like to communicate and receive information today. Whether it's through the ITE Community, social media platforms, or cloud-based document sharing, we need to **ensure that information is timely, relevant, and readily accessible** by our members.
2. **Collaboration** – we need to **work more closely with other transportation organizations**. By sharing knowledge and resources, we can produce technical reference documents faster, at a shared cost, and with full recognition of our members' contributions.
3. **Knowledge** – we also need to **streamline the approval and release of technical documents** so that valuable resource materials are in our members' hands quicker.
4. **Growth** – we need to **grow our membership to remain a healthy, vibrant organization**. Key to this growth and our long term stability is developing new student chapters and encouraging highly active sections. We also need to start new sections outside of North America where there is growing interest in ITE membership.
5. **Member development** – we need to **develop the skills of members, including technical skills, soft skills, and leadership skills**. We need well-rounded transportation professionals in our industry; ITE can lead in the growth of members' skills.

I have the **desire to see ITE grow and succeed**. Simply, **I have something to contribute**.

 PAUL "BEAR CLAW"
BARRICKLOW, PE, PTOE

**ITE WESTERN DISTRICT
SECRETARY/TREASURER
CANDIDATE**



ITE Initiatives

It is with great enthusiasm that I pledge to serve the Western District in its ongoing efforts to provide increasingly relevant and sustainable value to our members. I will bring a team-oriented approach to the board that is both insightful and deliberate and use it to champion a set of priorities that include:

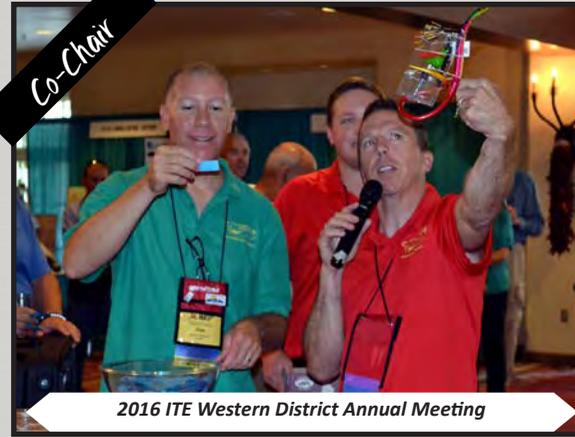
- Contributing to the evolving direction of ITE International,
- Building the next generation of transportation leaders through education and mentoring,
- Engaging our chapters and sections through resource sharing, and
- Maintaining the values and identity of the Western District.

ITE Service

- Co-Chair 2016 Western District Annual Meeting
- LeadershipITE Class of 2015
- 2010 ITE TCC Young Professionals Scholarship
- Western District Member since 2006; participant since 1993

Professional Accomplishments

- ENR Southwest's Top 20 under 40 Winner
- MBA / BSCE University of Texas at San Antonio
- Founder of Lee Engineering's Albuquerque office
- NM Section Officer: 2009-2012
- ITS New Mexico Founding Board Member: 2008-present
- Safe Routes to School National Course Instructor



2016 ITE Western District Annual Meeting



2013 ITE Western District All White Party



2016 Western District Meeting Bicycle System Tour

I'm humbly honored to be an ITE Western District secretary/treasurer candidate. I'd like to thank the board for their confidence and I'm respectfully asking for your vote.

I have had the good fortune of participating with a group of highly motivated and like-minded leaders of ITE from both the US and Canada in the Leadership ITE Program. The yearlong program provided new insight into the activities of other Districts, Sections and Councils, and the leadership network that supports ITE. It was through this program that I discovered numerous ITE initiatives that I and many of my peers did not know existed nor how to get involved. Our Leadership ITE team project focused on member outreach and engagement and explored ways in which ITE can better inform and educate more of our members about opportunities our organization can provide. This increases the value of our organization for everyone, and if elected, I will continue develop these engagement strategies.

In addition to serving as a New Mexico Section officer, I served the District by co-chairing the 2016 Western District Annual Meeting in Albuquerque. Though demanding, I found the late nights and weekends spent as a part of the development team extremely rewarding. The comradery I developed with others on the Local Arrangements Committee, the new friends I gained at the event, and to ultimately our guests' enjoyment, this experience has solidified my commitment to serve the Western District.

I have 16 years of experience in transportation planning and traffic engineering that includes research, consulting and management. Shortly after earning my MBA, I accepted a position with Lee Engineering and took on the challenge to develop its Albuquerque office. After 10 years, our team continues to thrive and grow. I have found that teamwork and trust yields greater results than what we can achieve alone... Let's team together!



paul4ite.org
pbarricklow@lee-eng.com
505.338.0988

Devin Moore

FOR 2017 ITE WESTERN DISTRICT SECRETARY-TREASURER



“ I am excited to continue to serve ITE and its members throughout our District. ITE has made a big difference in my life and in my career. ”

– Devin Moore P.E., PTOE

DEVIN'S QUALIFICATIONS

Professional
ENGINEER

AND

Professional
TRAFFIC
OPERATIONS
ENGINEER

ITE MEMBER
SINCE 2009

BYUITE



AMUITE

2015 *Western District Local
Arrangements Committee
Hotel Chair (Las Vegas)*



Western District
**Young Professional
Achievement Award**

.....
ITE International Rising Star
.....

Western District (Albuquerque)
**Professional Traffic Bowl
Champion Team**

5x ▶ *Student Traffic Bowl*
PARTICIPANT / VOLUNTEER

EIGHT
*Presentations at
ITE conferences*
~ Since 2013 ~

INTERMOUNTAIN
SECTION
President

8 ITE Awards

VISION FOR THE DISTRICT

Devin's vision centers on four key points to focus on in the coming years to improved our District.



STUDENTS

- ▲ Encourage them with continued support of student initiatives
- ▲ Reward them with scholarships and stipends
- ▲ Empower them with opportunities to contribute to the field



NETWORKING

- ▲ Serve together at our annual meetings
- ▲ Provide structured networking time



GIVING BACK TO OUR COMMUNITIES

- ▲ Offer service opportunities at all levels of ITE
- ▲ Increase positive image by reaching out to the community



FIRST PLACE FOR TECHNICAL KNOWLEDGE

- ▲ Be the experts on connected/autonomous vehicles and technology
- ▲ Be visible in our communities
- ▲ Maintain quality technical content at our meetings



Visit Devin's website for more information and to stay up-to-date on events for his campaign for the 2017 ITE Western District Secretary - Treasurer!

Devin4ITE.org

Devin Moore, P.E., PTOE

Kimley-Horn | 5370 Kietzke Lane, Suite 100
Reno, Nevada 89511

📞 775.200.1965

✉️ devin.moore@kimley-horn.com



JOIN ITE TODAY



HELPING
YOU FIND
SOLUTIONS



KEEPING
YOU IN
THE KNOW



GROWING
YOUR
CAREER



CREATING
CONNECTIONS



MAKING YOUR
VOICE HEARD

From Student to Professional, ITE provides our members value and support throughout their careers. We help you create connections, keep you in the know, find solutions, grow in your career and make your voice heard. Join ITE today to be a part of our community of transportation professionals. ITE members use their ITE benefits to save lives, move people, enhance communities and grow the economy every day. Our community can benefit your community. **Join Today!**

www.ite.org/membership



Membership Application

Complete all information and return via email to membership@ite.org, fax to +1 202-785-0609, or print and send to Institute of Transportation Engineers, 1627 Eye Street, NW, Suite 600, Washington, DC 20006. ITE will send you an invoice for your membership, if applicable. Membership is not active until payment is received. **Please note that if a current ITE member recommend you join, provide that name at the bottom of this form.**

I am applying for ITE membership as a: Member Full Time Student

Please type or print clearly.

PERSONAL INFORMATION Mr. Ms. Mrs. Miss Dr. Hon. Rev.

<input type="text"/>	<input type="text"/>
First Name, Middle Initial, Last Name	Date of Birth (Mo/Day/Year)

BUSINESS/SCHOOL ADDRESS Preferred Billing Address Preferred Mailing Address

<input type="text"/>	<input type="text"/>
Company/School Name	Job Title

 Street Address/P.O. Box

 City, State/Province Postal Code Country

<input type="text"/>	<input type="text"/>	<input type="text"/>
Telephone	Fax	E-mail

HOME/PERMANENT ADDRESS Preferred Billing Address Preferred Mailing Address

 Street Address/P.O. Box

 City, State/Province Postal Code Country

<input type="text"/>	<input type="text"/>
Telephone	E-mail

PROFESSIONAL REGISTRATION A.I.C.P. E.I.T. P.E. P.Eng. Other:

EDUCATION

Bachelor's Master's PHD

<input type="text"/>	<input type="text"/>
Major Field of Study	Date/Expected Date of Completion

Bachelor's Master's PHD

<input type="text"/>	<input type="text"/>
Major Field of Study	Date/Expected Date of Completion

Bachelor's Master's PHD

<input type="text"/>	<input type="text"/>
Major Field of Study	Date/Expected Date of Completion

Certification: I hereby apply for ITE membership, and I certify that the information I have provided above and any supplemental information that I may provide in support of this application is true and correct. As a member of ITE, I agree to abide by the ITE Constitution and Canons of Ethics.

<input type="text"/>	<input type="text"/>
Full Name	Date

Did a current member of ITE recommend you join? Please provide the name of that individual.

 Full Name

Student Engineer Assistant
Traffic Operations Branch (NW, NE, SW, SE)/Encroachment Permits
Caltrans District 12



Job/Student Classification	Student Engineer Assistant (6-8 positions)
Job Code	CT50118
Posting Type	Student/non-benefitted (NSTU)
Posting Number	PE754F16
Job Description Summary	The Student Engineer Assistant works under the supervision and general direction of a Senior Transportation Engineer providing assistance in a variety of tasks and learning while on the job.
Conditions of Employment	<p>This is a part-time, temporary, at will, non-benefitted, student position. Employment in all positions with University Enterprises, Inc. (UEI) is dependent upon the mutual consent of UEI and the employee. This means that either UEI or the employee can, at any time, terminate the employment relationship at will, with or without cause.</p> <p>Depending on the type of position, a pre-employment background check consisting of one or more of the following may be conducted: employment history, professional references, criminal background check, education verification (i.e., degree, license, or official transcript) a physical exam and drug urinalysis test. Applicants will be required to pass required pre-employment checks to the satisfaction of UEI and the hiring Agency or Department.</p>
Work Schedule	<p>Monday to Friday, flexible, depending on students' schedule.</p> <p>Final schedule to be determined and mutually agreed upon by both student and supervisor.</p>
Additional Work Schedule	<p>Student Engineer Assistant employees generally work up to 20 hours per work week (Monday-Friday) during the academic year and up to 40 hours per work week during breaks; Winter, Spring & Summer.</p> <p>Student Assistants are not permitted to telecommute or work remotely.</p>
Area	Southern California
Worksite City	Santa Ana and Orange County vicinity
Pay Range	\$12.08 to \$18.62 per hour, depending on completed units and work experience.
Job Description	<p>Student Engineer Assistant duties include assistance in performing the general duties of the Operations Branch such as Traffic Safety Investigations, maintaining the TASAS Highway and Collision databases, Traffic Investigations, CENSUS data collection and analysis, HOV lane monitoring, Capital Outlay, Plan, Specification and Estimates reviews, Permit Reviews, special tasks, ADA Investigations, Sign Installation Orders, Speed Zone Survey Reports, Review Project Initiation Documents (PIPs, PSRs, PRs, etc.), prepare engineering plan sheets via MicroStation or Civil 3D, conduct Traffic Operational Analysis via the Highway Capacity Manual Software and Synchro. Perform various types of clerical work, prepare reports and some filing.</p> <p>Assist engineers with monitoring, evaluating, and analyzing HOV lanes on our freeway system through field observation, field counts, vehicle classification and occupancy data collection. Assist with analysis to determine signing and striping types and placement in accordance to various engineering manuals and guidelines. Assist in reviewing various</p>

	<p>geometric feature safety devices and other elements of the State Highway System. Collect and analyze traffic operation data from various computer programs including PeMS (Performance Measurement System) and assist in preparing Annual HOV Reports and HOV Degradation Reports. Assist with preliminary engineering plans preparation for facility conversion and upgrades, and engineering studies.</p> <p>Assists staff in the Branch to collect and analyze traffic data, perform engineering calculations and prepare traffic volume reports for California State Highway publications. Assists staff preparing basic engineering exhibits with CAD software, performing engineering calculations, preparing collision diagrams and packaging submittals for delivery. Assist engineering staff with running Traffic Accident Surveillance and Analysis System (TASAS) reports utilizing the Caltrans Transportation System Network (TSN) database software.</p> <p>Utilizes various computer software including but not limited to Microsoft Word, Microsoft Excel, ArcMap and Adobe Acrobat.</p>
Majors/Fields of Study	Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Engineering- Construction Management , Environmental Science, Geography, Urban Land Development
Minimum Qualifications	<p>Must be able to reason logically and apply reasoning skills to the learning process.</p> <p>Must have at least a 2.50 cumulative GPA. Official transcripts of all prior college coursework must be provided prior to employment.</p> <p>Only the most qualified applicants will be interviewed.</p>
Prerequisites	<p>Must be a college student attending classes during the regular term (Fall, Spring and Winter, if applicable), at one of the accredited colleges or universities on our affiliation list.</p> <p>Students must be enrolled at a minimum in; six semester units or nine quarter units for undergraduate students; four semester units or six quarter units for graduate students.</p> <p>Students declared major must match the major(s) listed in the job posting.</p>
Physical Requirements	Sit for extended periods; frequently stand and walk; work in a field environment and walk over uneven ground, in different weather conditions (hot, cold, rainy, overcast, etc.); manual dexterity and eye-hand coordination; corrected hearing and vision to normal range; verbal communication; use of office equipment including computers, scanners, printers, telephones and copiers.
Working Conditions	Work is performed in an office environment.
Posting Date	6/02/17
Closing Date	6/23/17
To apply, please click on this quick link	https://ueijobs.peopleadmin.com/postings/6938
For more information, please contact	Krystal Merkwon, Senior Transportation Engineer email krystal.merkwon@dot.ca.gov