



**WESTERNITE**

Official Publication of the  
Institute of Transportation  
Engineers, Western District

Fall 2015 Vol. 69, No. 2

## Look Inside For

President's Message .....	1
Save the Date for the 2016 Annual Meeting in Albuquerque! .....	1
Thank You for Attending the 2015 Western District Annual Meeting! .....	2
Annual Meeting Best Paper .....	2
Student Leadership Summit .....	3
2015 Annual Board Meeting Highlights .....	4
2015 Annual Business Meeting Highlights .....	6
International Director's Report .....	8
ITE 2016 Annual Meeting and Exhibit .....	9
Call for Candidates .....	9
Western District Committee Updates .....	9
2015 Annual Meeting Award Winners .....	10
MiteY Race Update .....	12
Section & Chapter Reports .....	13
POSITIONS AVAILABLE .....	15
PROFESSIONAL SERVICES DIRECTORY .....	19

## Go Green!

The Western District is giving you the opportunity to go green by opting out of receiving printed materials. All information from the District including newsletters, e-news, and elections would be sent to you via e-mail. If you would like to receive only electronic correspondence from the District, please contact WesternITE editor Joey Paskey at [joey.paskey@atkinsglobal.com](mailto:joey.paskey@atkinsglobal.com).

## President's Message

By Cathy Leong, P.E., ITE Western District President

### Good to the Core

I saw a quote once that said "It's not hard to make decisions when you know what your values are." As I sit down to write this message, I am reminded of that quote and the wisdom that it imparts. Several years ago, the Western District Board held a workshop to identify what messages the District wanted to send its members and how those messages should be conveyed. During the course of this workshop, attendees identified the District's core values as being family friendly, professional, mentoring, collaborative, fun, and progressive. I have been fortunate to attend a number of the Western District's Annual Meetings and I can attest to the fact that these core values are at the heart of every Annual Meeting the District holds.

The Las Vegas Local Arrangements Committee (LAC) led by the very capable and unflappable Lindsay (Sundberg) Saner did an outstanding job with the District's recent Annual Meeting in Las Vegas. Their family-oriented events, superb technical program, and sensational Annual Awards Banquet held true to these values and introduced another generation of students and young professionals to the ITE Western District Way!



(continued on page 2)

## Save the Date for the 2016 Annual Meeting in Albuquerque!

Greetings from the 2016 ITE Western District Annual Meeting - Local Arrangements Committee in Albuquerque, New Mexico! It's October in Albuquerque, and that means that morning rush hour looks something like the photo below. Traffic is gondola-to-gondola heading down the Rio Grande. Albuquerque is the Balloon Capital of the World, and this year the Albuquerque International Balloon Fiesta will host 550 hot air and gas balloons from 22 countries over nine days, October 3-11. But we don't just fly during the Balloon Fiesta; we fly year-round, giving you the opportunity to "Take a Hot Air Balloon Ride" and check that item off your bucket list when you come to Albuquerque next July. As an incentive for you to register for the 2016 meeting early, we are giving away two free balloon ride certificates. These one-hour flights with World Balloon of Albuquerque ([www.worldballoon.com](http://www.worldballoon.com)) are a \$159 value each, and include the traditional Champagne toast upon landing. Flights launch at dawn, so you'll even be able to get back to the conference for the morning sessions. Everyone who registers for the meeting by March 11, 2016 will be entered in the drawing.



Albuquerque International Balloon Fiesta

Meanwhile, we're busy getting ready for a great meeting. Our technical program will feature over 100 individual presentations plus panel discussions, career development sessions, and technical tours. We'll have what you need to know to keep at the forefront of the transportation engineering profession. And we want to hear from you. What innovative

(continued on page 4)

# Thank You for Attending the 2015 Western District Annual Meeting!

Fun times and loads of learning took place at the 2015 Western District Annual Meeting in Las Vegas! All accounted for, the Las Vegas Local Arrangements Committee welcomed 440 registrants, including 120 students. There was a lot to do in a just a few days, but even with a full schedule of outstanding technical sessions, student and professional traffic bowls, and student activities, attendees still found time for some fun.

The meeting kicked-off with a presentation by Mr. Mike Hand, Director of Engineering Services for Streets & Highways with the Regional Transportation Commission of Southern Nevada. Mike entertained a full house with the Past, Present, and Future of Transportation in the Las Vegas Valley. Rick Gunn, photographer, writer, adventurer and creator of "Soulcycler," shared photographs - and the incredible stories of the people and places in them - collected on his journey bicycling

around the planet. Day One concluded with a gathering of attendees, family, and friends at Jimmy Buffet's Margaritaville for dinner before boarding the High Roller - the World's Tallest Observation Wheel!

Dressed to the nine's, attendees danced the night away at the "Mobsters and Movie Stars" Annual Banquet Tuesday evening - even Marilyn Monroe made a celebrity guest appearance!

A huge thank you to the local arrangements committee for all their hard work, the vendors and sponsors that supported the Annual Meeting, and attendees and guests from near and far. It was a wonderful experience, and I look forward to seeing you at future meetings.

*Lindsay Saner*  
2015 Annual Meeting LAC Chair

*President's Message (continued from page 1)*

Over the next six months, the Western District Board will be working hard to keep our momentum going from the Annual Meeting. We will be working on refocusing our student initiatives, developing new initiatives to support our young professionals, and continuing to explore new ways to communicate with our members through electronic and social media. The remainder of the year will be dedicated to establishing new Articles of Incorporation for the District, undertaking revisions to our Bylaws, and hopefully closing the final gap in our efforts to reach the \$500k goal for the Richard T. Romer Student Endowment Fund (EF). As many of you already know, the EF is close to my heart having previously served as the Committee Chair for two terms. The District's current EF Committee Chair, Kimberly Leung, will be teaming up with past International President Zaki Mustafa this year to try and reach the EF's goal by 2016. I look forward to a fun and productive year working with Kim, Zaki, and the rest of our District's dedicated officers and Committee Chairs on these and our other ongoing initiatives.

## Annual Meeting Best Paper

The District's Annual Meeting Best Paper Award is one of the most prestigious presented each year. The award winning paper is presented here.

### ***Blending 14th Avenue and Lamar Street Roundabout into the 40 West Art District and Improving Safety and Bike/Ped Connectivity***

*By Ben Waldman, City of Arvada, Colorado and Michelle Stevens, Felsburg Holt & Ullevig*

#### **Abstract**

The City of Lakewood has recently reconstructed the intersection of 14th Avenue and Lamar Street to improve intersection safety and to improve pedestrian and bicycle connections between West Colfax Avenue to the north and a new walk-up light rail station on Lamar Street one block to the south of the intersection. The new light rail station provided an opportunity for the City to look at redevelopment in the area in support of several historic plans and to consider the development of an arts district to encompass the surrounding area of the Lamar Street Station and the area around the campus of the Rocky Mountain College of Art and Design located at Lamar Street and West Colfax Avenue. As part of the planning process for this area, the 40 West Arts District area plan was developed which included a recommendation for a signature intersection at 14th Avenue and Lamar Street.

The City investigated several design options for this intersection including a signalized intersection, a mini roundabout and a single lane roundabout. The number of crashes was also reviewed and determined to be high for this intersection with six broadside crashes reported in 2007 and eleven broadside crashes reported in 2010. The presentation will describe the research and process used to determine the appropriate intersection configuration. The presentation will also review how federal funding was obtained to pay for 90% of the construction costs.

The intersection was operated with 2-way stop control. Existing land uses adjacent to the intersection include businesses on the south side of 14th Avenue, a fire station on the northwest corner, and multi-family residence on the northeast corner. The sight distance at this location was very poor due to utilities, vegetation, and parked cars. There are limited sidewalks in the area and many pedestrians were observed walking in the

*(continued on page 3)*

*Annual Meeting Best Paper (continued from page 2)*

street. Coordination with area businesses, residents, and the fire station were conducted to minimize impacts, enhance the area and obtain information on the appropriate design vehicles. The presentation will provide a number of photos and exhibits to show the two-way stop controlled intersection and associated issues.

Working with the community and local businesses, a roundabout design was developed that accommodated truck traffic, minimized ROW impacts, provided pedestrian and bike connections, and improved safety with slow speeds and directional crosswalks with refuge areas. Although larger WB-67 trucks could not be accommodated for some movements with the preferred design, other routes were agreed upon with the surrounding businesses to accommodate large trucks which allowed for a compact roundabout design and minimized impact to the properties on the four corners of the intersection. Construction was recently completed and the new roundabout intersection was open to traffic in December, 2014. The presentation will go into detail on the coordination that was led to best size the roundabout with minimal right of way impacts using truck turn simulations and will provide details on the

roundabout configuration along with the unique construction phasing plan that was developed to accommodate the adjacent fire station. Pictures of the newly constructed roundabout with a signature art feature in the center of the roundabout will also be presented.

## Introduction

The West 14th Avenue and Lamar Street intersection became a pivotal focal point within the City of Lakewood with the introduction of the new light rail station and the increased pedestrian movements anticipated paired with the evolution of the new art district in the area.

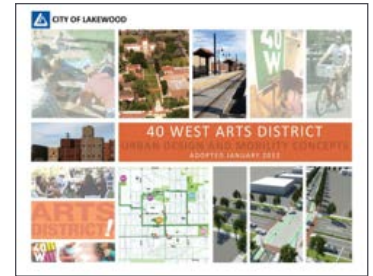


*Lamar Street Light Rail Station*

The Regional Transportation District completed their West Rail light rail line connecting Denver to Lakewood and Golden in Colorado on April 26, 2013, which provides a critical multimodal link to the Denver metropolitan area transportation network. One of the light rail stations is

located at Lamar Street and West 13th Avenue in Lakewood and is considered a walk-up station with no designated parking available, creating the importance for providing safe and easy pedestrian and bicycle access to and from the station along predominant routes including Lamar Street. This station is located one block south of the West 14th Avenue and Lamar Street intersection and pedestrian facilities are lacking along Lamar Street, south of West 14th Avenue.

West Colfax Avenue is a major east-west highway and main street that extends through the heart of downtown Denver and through the historic section of the City of Lakewood to the west. This busy 6-lane corridor with heavily used sidewalks on both sides of the roadway is located just one block north of the West 14th Avenue and Lamar Street intersection. A major bus route also serves this corridor. The Rocky Mountain College of Art+Design (RMCAD) moved to a historic medical campus on the north side of Colfax Avenue and a commercial strip mall in 2002, near the extension of Lamar Street. This 50 year old college is expanding south into the commercial area that borders the north side of West Colfax Avenue.



*40 West Arts District Plan for Intersection Concepts*

The desire to create a new arts district in Lakewood was community driven and strongly supported by the City of Lakewood. The RMCAD students and faculty were instrumental in setting the vision for what is now known as the 40 West Arts district. This non-profit art district helps to provide community art spaces and sponsor community art events. A City of Lakewood plan called the 40 West Arts Urban Design and Mobility Concepts (1) was developed to identify ideas for revitalizing this important and historic section of Lakewood within the new arts district including streetscape improvements. The West 14th Avenue and Lamar Street intersection is a key intersection located within the district and identified as an opportunity for a major gateway.

This paper will explore how the City of Lakewood was able to

*(continued on page 5)*

## Student Leadership Summit

We are pleased to announce that Cal Poly Pomona is hosting the 2016 ITE Student Leadership Summit (SLS). The ITE SLS is a three-day summit where students interested in transportation have the opportunity to enhance their leadership skills and technical knowledge.



The ITE SLS was hosted by Cal Poly San Luis Obispo in 2014 and Sacramento State in 2015.

Both schools did a great job planning an interactive summit that brought students and professionals together to connect and gain valuable experience. Cal Poly Pomona hopes to build on the past success of this event. It will be held on **Friday, January 22<sup>nd</sup> – Sunday, January 24<sup>th</sup>, 2016**,

on the campus of Cal Poly Pomona. That weekend coincides with the Western District ITE Mid-Year Board Meeting in Ontario, CA. This will be a great opportunity for Board members to join students at the 2016 ITE SLS.

There were 100 student attendees at last year's ITE SLS, but our hope is to accommodate over 150 student and professional attendees across the country at the 2016 ITE SLS. To achieve this goal, we are requesting support for sponsoring the event. Please review the Sponsorship Tier as you consider aiding this summit. Your much appreciated donation will make this event possible. If you have any questions, you can contact us at the emails listed below or visit our website at [www.cpp.edu/~ite](http://www.cpp.edu/~ite). We hope to see you in January!

**Nigel Antony**  
Coordinator, 2016 ITE SLS  
[nigelvantony@gmail.com](mailto:nigelvantony@gmail.com)

**Mario Garcia-Gillespie**  
Coordinator, 2016 ITE SLS  
[mariog.cpp@gmail.com](mailto:mariog.cpp@gmail.com)

Save the Date for the 2016 Annual Meeting in Albuquerque! (continued from page 1)

and interesting work have you done this past year that you can share with your peers? Keep an eye on your inbox for our Call for Abstracts to be issued soon. What topics would you like to see covered in panel discussions? Send your suggestions to our Technical Program Chair, Albert Thomas at [bthomas@bhinc.com](mailto:bthomas@bhinc.com).

Registration for attendees and vendors will open on December 7. The Western District Board has approved our early registration fee of \$395, which is still the best deal around for earning 13.5 professional development hours. Early registration for students will be just \$150. Rooms at our conference hotel, the distinctive [Hotel Albuquerque](#) in Old Town, will be just \$119 per night. You can't afford not to attend this meeting!

July will be a great time to visit New Mexico, so plan to bring your whole family to experience the Land of Enchantment. Our average July high is just 92°, and with the low humidity and 5,000 foot elevation, it always cools off nicely in the evening. There's plenty to see and do right in and around Old Town, with museums, shops, galleries, and restaurants nestled among shaded portals and hidden patios around the 310-year old San Felipe de Neri church and the historic plaza. Want to get out and stretch the legs and enjoy the clean air? Biking and hiking options abound! The Paseo del Bosque Trail offers easy access from Old Town with flat grades along the banks of the Rio Grande and is popular with walkers, runners, cyclists, inline skaters and horseback riders. If you prefer knobby tires or hiking boots, the 10,678 foot Sandia Crest is accessible by aerial tramway or a 40 minute drive around the east side of the mountain. The ski area chairlifts run throughout the summer for hikers and mountain bikers. And bring the clubs—Albuquerque is also home to many award-winning public golf courses with very affordable green fees. The dramatic Paa-Ko Ridge Golf Club was awarded the only five-star rating in the Southwest by readers of *Golf Digest*. After a round of 18 holes, it will be time to explore Albuquerque's exploding craft beer scene. With 50 breweries statewide including the 2014 GABF Best Small Brewery in America (Marble Brewing), New Mexico is an undiscovered craft beer destination for discerning beer travelers.

Look for our bi-monthly meeting newsletters for more details on the annual meeting and associated events, as well as other activities for you and your family while you're here. Like us on [Facebook](#) and follow us on [Twitter](#), and begin making your next summer's plan to experience New Mexico!

*Jim Barrera, 2016 LAC Co-Chair*  
*Paul Barricklow, 2016 LAC Co-Chair*

## 2015 Annual Board Meeting Highlights

By Mark Spencer, P.E., ITE Western District Vice President

On July 19, 2015, Western District Board members, committee chairs, section leaders and guests met at the Planet Hollywood Hotel in Las Vegas, Nevada, for the ITE Western District 2015 Annual Board Meeting.

**President Carlos Ortiz** noted his travels included visits to the Alaska, Intermountain, and New Mexico Sections, as well as the Student Leadership Summit (SLS) in Sacramento. He noted that the SLS was a success, including over 100 students and lots of sponsors, and next year it will be held at Cal Poly Pomona in conjunction with the Mid-Year Board Meeting.

**Vice President Cathy Leong** provided highlights of her written report, including awards, committee travel budget and the leadership directory update. Cathy also brought the Board up to speed on the website update project, as well as the Policies and Guidelines Manual.

**Secretary-Treasurer Mark Spencer** reported on the District's

year-to-date income (for the period of October 2014 – June 2015). Year-to-date income of \$123,192.73 included surpluses from the Rapid City meeting and *WesternITE* advertising. Year-to-date expenses totaled \$56,170.05 with the assets of the District at \$213,515.72 as of July 7, 2015. Mark reported that the District was able to transfer \$19,550 to our reserves at the end of the prior fiscal year due to the excess income from the Rapid City meeting and restore the District's reserves to our target of \$120,000. Board amendments to the proposed budget included setting the proposed legal fees to \$2,555 to match the quote that District Administrator Dalene Whitlock received for establishing the District's Articles of Incorporation, setting the accounting fees to \$1,800 to match the anticipated fee for tax preparation, reallocation of the \$1,000 Western District Fellowship to the 2016 Student Leadership Summit, and removal of the \$500 expense for the Public Relations Committee. The budgeted net increase of

reserves for FY 2014-2015 would be \$1,650.

**Past President Karen Aspelin** provided a summary of the Lifetime and Individual Achievement Awards, and an analysis of student initiatives spending by the District.

**The District's three International Directors, Jenny Grote, Jennifer Rosales, and Alyssa Rodriguez** provided summaries of their recent activities.

**District Administrator Dalene Whitlock** provided a summary of the Western District's status as a non-profit entity and the actions taken towards establishing Articles of Incorporation.

**WesternITE Managing Editor Joey Paskey** highlighted the upcoming goals for *WesternITE* in her Board report.

**WesternITE Advertising Manager Robert Sweeting** reported that the District has increased its number of advertisers in the Pro-

fessional Services Directory this fiscal year as well as the number of Positions Advertised, and there is now a waiting list for enews sponsorships.

**Website Manager Justin Link** reported that the District website update project has been completed.

**Membership Chair Joe De La Garza** reported that total voting members have decreased by about five percent, although total membership has increased due to more student members. The effects of the new ITE International dues structure for younger members will take more time to assess in terms of membership as well as income.

**Richard T. Romer Student Endowment Fund Committee Chair Kimberly Leung** announced that the Endowment Fund balance was over \$440,000.

**Monterey, CA** was selected as the location for the 2019 An-

(continued on page 6)

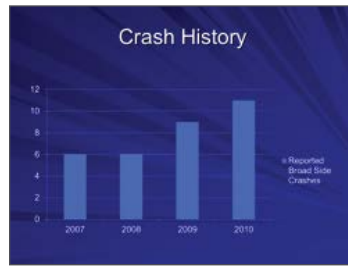
Annual Meeting Best Paper (continued from page 3)

blend a single lane roundabout into an art district in Lakewood. The unique aspects of the project will be shared as the City worked closely with the community to provide an evolving intersection configuration that met the neighborhood goals and addressed their concerns while providing the connectivity for the community to travel and to participate in local art events along the same corridors.

## Background and Research

When looking to provide improvements for the intersection of West 14th Avenue and Lamar Street, consistency with existing neighborhood and transportation plans was important to the City of Lakewood. The Molholm Area Plan (2), adopted in 1996, addressed several goals including traffic and public safety goals such as installing curb and gutter and sidewalks in areas to create pedestrian paths and to define street right-of-way edges. The Lamar Street Station Area Plan, adopted in 2010 (3), provided several recommendations for improvements around the Lamar light rail station, especially with regard to bike and pedestrian connections. The 40 West Arts Urban Design and Mobility Concepts, adopted in 2012, prioritized certain improvements within the district, including intersection treatments at West 14th Avenue and Lamar Street such as pedestrian crossing improvements, a roundabout configuration to slow traffic and display attractive art or landscaping, and enhanced mobility to and from the Lamar station.

Traffic data and crash data were collected for the intersection to determine the necessary improvements. The volumes are low for the intersection with 1,000 ADT along Lamar Street and 6,500 ADT along West 14th Avenue. A majority of the traffic is through traffic although the northbound left turn accounts for more than 50% of the northbound movements. Projecting traffic for 2035, Lamar Street volumes increase to 3000 ADT and West 14th Avenue increases to 10,000 ADT.



Crash History from 2007 and 2010 at Intersection

The existing traffic control at the intersection was a two way stop sign on Lamar Street and no stop signs on West 14th Avenue. There is an emergency signal on the west leg for the fire station on the NW corner of the intersection. The crash data was also reviewed and revealed a substantial number of crashes between 2007 and 2010, ranging from 6 broadside crashes per year to 11 per year respectively. This data did warrant a signal at this location, although a roundabout configuration was also a consideration (4).

## Pre-Construction Conditions

The intersection at West 14th Avenue and Lamar Street is located south of West Colfax Avenue; north of West 13th Avenue and the new light rail line; east of Wadsworth Boulevard, a major north-south arterial; and west of Sheridan Boulevard, a major north-south arterial; in Lakewood Colorado. West 14th Avenue is a two-lane east-west collector street and Lamar Street is a two-lane north-south collector street. Lamar Street is stop-controlled whereas West 14th Avenue is not. There were sidewalks along Lamar Street, north of West 14th Avenue, and intermittent sidewalks to the south of West 14th Avenue. Although sidewalks were present they were inconsistent along West 14th Avenue. There were paved shoulders on each side of west 14th Avenue.

The land use at the intersection is diverse. The West Metro Fire and Rescue Station 1 is located on the northwest corner equipped with an emergency signal on West 14th Avenue. Multi-family residential housing is located on the north-

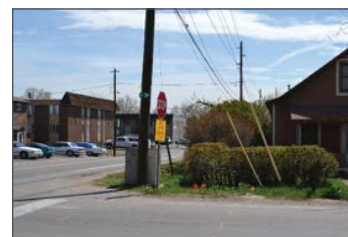
east corner with the apartment parking within the roadway right-of-way. An office business is located on the southwest corner. A business and single family home is located on the southeast corner. The right-of-way was very tight along the roadways. The West 14th Avenue right-of-way is about 60 to 70 feet and the Lamar Street right-of-way is 80 feet. Any significant improvements at the intersection would require right-of-way acquisition.



Existing conditions at the Intersection

Safety related to the existing conditions was a concern. The sight distance at the intersection was diminished due to vegetation, parked cars, dumpsters, and utilities (see picture below). Many residents walked in the street due to the lack of sidewalks in the area. Steps had been taken by the City of Lakewood to reduce crashes by using larger stop signs and adding signage to alert the driver on Lamar Street that the West 14th Avenue traffic does not stop.

The momentum of the 40 West Arts district was strong and finding a way to blend safety and pedestrian connectivity improvements with the creative and aesthetic elements desired was important to the community. In addition, RMCAD was growing and expanding and was helping to foster the district with their energy and talent.



Poor Sight Distance at the Intersection

West Colfax Avenue has also been studied to improve traffic operations along the corridor within the arts district. The City of Lakewood looked at access management and traffic signal location changes to facilitate motorized and pedestrian traffic on West Colfax Avenue including a new full signalized intersection at Lamar Street. The Lamar Street intersection was stop controlled with a right turn only operation at West Colfax Avenue.

## Funding

Several intersection configurations were considered to achieve the proper blend of needed improvements and aesthetics with available funding. The City of Lakewood worked with the Colorado Department of Transportation (CDOT) to obtain Hazard Safety Elimination grant funding.

The city developed several improvement options for the West 14th Avenue and Lamar Street intersection. A signal option was proposed which avoided right-of-way impacts; however it was not an ideal setting for the desired gateway for the art district. The city also designed an 80-foot inscribed circular diameter (ICD) mini roundabout (5), which also avoided right-of-way impacts while providing some opportunity for aesthetics. A third option was a single lane roundabout with enhanced pedestrian connections between West 14th Avenue and the light rail station. Although this configuration provided improved safety and more opportunities for art displays and gateway features, right-of-way impacts were inevitable.

The city was encouraged to submit all the options for funding and was successful in receiving \$1M dollars for the design and construction of a single lane roundabout with sidewalk and bike connections. The ability to reduce the high crash rate at the intersection with the improvements and providing designated bike and pedestrian facilities to the new light rail station were significant

(continued on page 6)

# 2015 Annual Business Meeting Highlights

By Mark Spencer, P.E., ITE Western District Vice President

The 2015 annual business meeting for ITE's Western District was called to order on Tuesday, July 21<sup>st</sup> by **President Carlos Ortiz**.

The meeting commenced with the Pledge of Allegiance, National Anthem, and a moment of silence for deceased members **John Edward Baerwald, Marty Bouman, George Brusher, Ed Cline, George Envall, Gary Foxen, R. Paul Grimm, Barbara Logan, John Logan, Constantinos S. Papacostas, Vernon Waight, and Larry Wilson**.

Awards were presented by the Student Initiatives Committee,

Student Endowment Fund Committee, Technical Committee, and Career Guidance Committee.

The final call for ballots was followed by the convening of the tellers committee by **President Carlos Ortiz**. The Tellers Committee was headed by **District Administrator Dalene Whitlock** and also included **Ben Waldman** and **Kaylinn Roseman**.

Following remarks by ITE **International President John Kennedy, International Vice President Candidates Jimmy Lin and Shawn Leight** addressed the members in attendance.

**Western District President Carlos Ortiz** addressed the membership and provided a quick recap of the past year's highlights. Some of the highlights included welcoming new professional and student chapters, the rebounding economy, the second Student Leadership Summit that was held in Sacramento and the third Student Leadership Summit that will be held in Pomona. **President Ortiz** noted that the Student Endowment Fund has over \$400,000. He announced that the location of the 2019 Western District Annual Meeting has been selected as Monterey, California.

**Secretary-Treasurer Mark Spencer** summarized the state of the District's accounts for 2014-2015 and introduced the draft budget for FY 2015-2016. The budget was approved by the membership.

The final order of business was the announcement of the winners of the 2015 election: **President Cathy Leong, Vice President Mark Spencer, Secretary-Treasurer Dongho Chang, and International Director Walter Okitsu**. The ballots were then destroyed, and the meeting was adjourned.

## 2015 Annual Board Meeting Highlights (continued from page 4)

Annual Meeting after presentations by the Riverside-San Bernardino Section (for a Temecula or Ontario location) and the San Francisco Bay Area/Central Coast Sections (for Monterey).

**Las Vegas 2015 LAC Chair Lindsay Saner** provided an update on the 2015 Annual Meeting. The LAC anticipated returning the \$6,000 advance provided by the District and was projecting a surplus upon closing the books after the Annual Meeting.

**Albuquerque 2016 LAC Co-Chair Jim Barrera** provided a summary of the LAC activities and an updated budget. The Annual Meeting will be held July 10-13, 2016.

**San Diego 2017 LAC Chair Joe de la Garza** indicated that the meeting dates are June 25-28, 2017, and the location will be the Hilton San Diego Resort near Sea World.

**Keystone 2018 LAC Chair Ben Waldman** noted that the meeting location has changed from Breckenridge to Keystone, and we are close to executing a MOU with the Texas District (TexITE) to host a joint meeting.

**Other items of note** included a report on the LAC Handbook revision, adoption of an updated Travel Reimbursement Policy, a presentation by the 2016 Student Leadership Summit team from Cal Poly Pomona, and a presentation by **Michael Sanderson** on LeadershipITE.

The meeting adjourned at 5:14 pm. The next board meeting will be held on January 22, 2016 and is likely to be in Ontario, CA at a location proximate to the Student Leadership Summit to be held later that weekend in Pomona, CA.

## Annual Meeting Best Paper (continued from page 5)

factors in the selection of this project to receive safety funding. The funding was administered by CDOT.

### Roundabout Design

Once funding was obtained, the City began designing the roundabout. They requested assistance from a consultant to conduct truck turning analysis, environmental clearance, and drainage and floodplain analysis. Felsburg Holt & Ullevig was selected to provide these services.

The City of Lakewood worked closely with businesses and property owners to develop a roundabout configuration that would function well without needing a lot of right-of-way. The City worked with the West Metro Fire/Rescue Station on the northwest corner. They obtained the wheelbase and other specific vehicle dimensions for their largest 47-foot ladder truck to use in developing the design for the roundabout. The City also worked with businesses in the areas that used large trucks for deliveries to determine vehicle sizes using the roundabout, which were close to the WB-50 and WB-67 vehicles.

The roundabout went through several design iterations using truck turning software to optimize the roundabout

configuration. Since the existing buildings and parking on the eastern properties were very close to the intersection, shifting the roundabout to the west would minimize these impacts. The City worked with the fire station and office building owners on the west side to obtain sufficient right-of-way to shift the roundabout to the west thereby reducing overall right-of-way impacts. They were successful and the roundabout was modified.



*Right-of Way Requirements at the Intersection*

To further reduce the size of the roundabout and impacts to all the properties, the City collaborated with the neighboring businesses who agreed to reroute the larger WB-67 trucks. By restricting the WB-67 movements to through movements only, the roundabout could be reduced and still accommodate the

*(continued on page 7)*

Annual Meeting Best Paper (continued from page 6)

WB 50 and ladder truck vehicles. The resulting ICD for the overall roundabout was reduced to 110 feet (5). Therefore, only small slivers of right-of-way from the eastern properties and small corners of right-of-way from the western properties were needed to build the roundabout.



*Pedestrian Connections between West 13th and West 14th Avenues*

The 110-foot ICD roundabout was designed to include a 20-foot circular roadway width, a 12-foot truck apron, a 30-foot central island space for art and landscaping (5). A new emergency signal was designed for the fire station on the west leg of the intersection.

The roundabout was further developed to accommodate sidewalks along the east side of Lamar Street to connect West 14th Avenue to West 13th Avenue, the light rail station location. Eight-foot wide sidewalks detached 6-feet from the roadway were designed to provide sufficient space for pedestrians to travel comfortably. Crosswalks and refuge splitter islands were provided on all four legs of the intersection. Bike traffic was also accommodated through new striped bike lanes or existing shoulders with connections at the intersection allowing bikers to cross at the designated pedestrian crossings or to “take a lane” at the roundabout.



*40 West Arts District Concept*

A straightforward three-phase method of maintaining traffic during construction was developed by the city. The plan involves shifting traffic to the east at the intersection initially using the existing roadway pavement and constructing the roundabout improvements on the west side of the intersection. The second phase shifts traffic to the west on the new asphalt pavement and building the east side of the intersection. The final phase requires

closing the intersection to all but local traffic to build the central island and splitter islands. Fire trucks and local traffic were only allowed to travel eastbound on West 14th Avenue and southbound on Lamar Street (south of West 14th Avenue); the north leg was totally closed to traffic during this phase. Detour routes and signs were used to direct traffic during the final phase.

To provide further enhancements for this important intersection within the art district, the city worked with a neighborhood brick manufacturer to procure their bricks as aesthetic elements for the roundabout for the truck apron and splitter islands thereby building community sentiment for the project. The 40 West Arts district committee was then able to blend the roundabout into the arts district with the creative touches of public art, now that they have a suitable palette to use as a base. The Art District selected the art display for the center of the roundabout. A creative art piece depicting puzzle pieces made of stainless steel with one piece painted red was placed in the central island. This 3 dimensional art work is up-lit with LED lighting that changes colors, giving the illusion that the red piece appears and disappears. In addition, an art exhibit was added to the Lamar Street Light Rail Station to further enhance the Arts District.

### Conclusion

The new roundabout at West 14th Avenue and Lamar Street will improve safety at this intersection with slow speeds, less conflict points, improved sight distance, and clear pedestrian pathways and bike routes to the new light rail station. Construction was completed in the fall of 2014 and the final landscape elements were added in the spring of 2015.



*Newly Constructed Roundabout with Center Art Piece*



Through ongoing and meaningful collaboration, the City of Lakewood was successful in funding, designing, and building an intersection improvement that goes beyond roadway and safety improvements. This intersection is a

significant focal point of the new 40 West Arts District in historic Lakewood, Colorado. The city successfully blended a roundabout into the art district by understanding the context and the community they were building in and shared the vision desired through outreach and supporting the local plans for the area. The character of the district will continue to flourish as art weaves itself along Lamar Street, at the roundabout intersection, Light Rail station and into the community.

*(continued on page 9)*

# International Director's Report

By Jennifer Rosales, P.E., PTOE, ITE Western District International Director

The International Board of Direction (IBOD) met in Hollywood, Florida on July 31 and August 1, 2015 prior to the ITE Annual Meeting. ITE International President **John J. Kennedy** presided over the meeting, assisted by **Paula Flores Benway**, International Vice President and **W. Hibbett Neel, Jr.**, Past President. I was joined by the other two International Directors, **Jenny L. Grote** and **Alyssa Reynolds Rodriguez**, who represent the Western District, along with **Michael Sanderson** who serves as LeadershipITE Chair.

One of the first actions of the Board was a motion and approval of the appointment of **Jeffrey F. Paniati** to serve as Executive Director and CEO of the Institute who will start in October 2015. It was wonderful to meet our new Executive Director who participated in the Board meeting and provided a fresh perspective on Board initiatives. **Kathi Driggs**, ITE's new Associate Executive Director and COO, participated in the Board meeting and brings extensive professional association experience. **Tom Brahms**, past Executive Director, who served the Institute for more than 40 years, participated in the Board meeting and preparing for retirement. It's been a pleasure to work with Tom, and I wish him the best on his new endeavors.

## Financial Status

Executive Director **Tom Brahms** presented an overview of the budget and projected figures for the 2015 Annual Meeting. The anticipated attendance of the Annual Meeting was 600 attendees, and **Tom Brahms** noted that several meetings competed during the same time frame as the Annual Meeting which negatively impacted the attendance. Approximately 28% of dues paying members are in Agency Memberships. The net per member International dues to ITE is reduced by the agency membership discounts and the distributions to the districts and sections.

Vice President **Paula Benway** shared the report of the Board Budget and Finance Committee and comments on the draft 2012 audit report. The new report-generating software helps facilitate budget report generation and review. President **John Kennedy** advised the board that the last time a membership dues increase took place was four years ago. The Board approved a motion to increase the 2016 Membership Dues and Fees across all levels of membership, except student and young member dues, by 5% (rounded to the nearest \$5). The *Traffic Engineering Handbook*, which will be released in November, and the *Planning Handbook*, to be released during the first quarter of 2016, should have a positive impact on the publications budget line item.

## ITE Headquarters Staffing

In addition to **Jeffrey Paniati** and **Kathi Driggs**, ITE has hired a new Senior Director of Membership, **Colleen Agan**. An additional person is expected to be hired for a bookkeeper/accounting clerk position.

## Transportation Professional Certification Board Update

Planning for a new Transportation Safety Certification Program is underway with an anticipated launch of new program in 2016. The existing exam is being updated for new reference editions. The budgeted revenue from the program will be met and potentially exceeded in 2015.

## Strategic Plan

Every year, the International Board reviews the Strategic Plan and discusses potential new and/or program enhancements to the Plan.

The primary initiatives discussed follow: rebranding of the Institute, incorporating Young Professional in Transportation (YPT) into the Institute, exploring a collaboration with the National Association of City Transportation Officials (NACTO), and enhancing the value of membership programs and student services. The Board approved a motion to adopt the development of a Strategic Initiatives Committee. A strategic approach will be developed for rebranding.

## LeadershipITE

The pace of change in transportation, technology and the world at-large is accelerating. The challenges and opportunities created by these changes will continue to impact society and people's quality of life in ways we can hardly attempt to predict. However, we do know these changes demand a greater need for skills beyond technical competencies currently within the transportation profession. Transportation leaders navigating this evolution must be able to communicate, collaborate and advocate with diverse professions, disciplines and communities to reach common goals for safer, livable, more vibrant communities. ITE has established LeadershipITE which is a program to identify, develop, and engage leaders to ensure that ITE and its members are positioned to engage and shape the future of transportation. The application period for LeadershipITE is open through October 16, 2015. A link to the program follows: <http://www.ite.org/leadership/>.

**LeadershipITE Committee Chair Michael Sanderson** reviewed elements of his committee report. The LeadershipITE Class of 2015 is meeting for the second time in August 2015 with 20 members. A plan for sustainable financial support for the program will be identified and reviewed in moving forward to future classes. **Michael Sanderson** highlighted to LeadershipITE presentations scheduled as part of the ITE Annual Meeting program.

Congratulations to these professionals as they seek an exciting opportunity ahead and best of luck to potential 2016 candidates!

## Smart Car Club Charter for China

The Board approved a motion to present a high school Smart-Driving Club Charter to the Jinan Foreign Language School in China. The charter certificate was presented to **Jeremiah Liu**, and the Board discussed the possibility of using this charter model to bring a similar group to the university level in China. **Eva Lerner-Lam** provided an overview of student initiatives in China and reviewed benefits to international students and ITE.

## Upcoming International Meetings

The ITE 2015 Fall Conference brings together subject matter experts with transportation industry professionals for 3 days of engaging, interactive discussion and exploration of key issues facing the transportation industry today. The conference will be held in Tucson, Arizona at the Westin LaPaloma. The LeadershipITE Golf Tournament will be held on Thursday, October 29th.

It's hard to believe that I am more than half-way through my three-year term on the International Board representing the Western District, along with my co-Directors and friends: **Jenny Grote** and **Alyssa Reynolds Rodriguez**. Congratulations to the successful candidates for the 2016 Executive Committee: **Paula F. Benway, President, and Shawn Leight, Vice President.**



Annual Meeting Best Paper (continued from page 7)

## References

1. The City of Lakewood (Adopted January 2012). 40 West Arts District Urban Design and Mobility Concepts.
2. The Molholm Area Steering Committee and the City of Lakewood Department of Community Planning & Development (July 1996). The Molholm Area Plan.
3. The City of Lakewood (Adopted March 2010). Lamar Street Station Area Plan.
4. USDOT and FHWA (dated May 2012). Manual on Uniform Traffic Control Devices (MUTCD) 2009 Edition.
5. National Cooperative Highway and Research Program (NCHRP) in Cooperation with US Department of Transportation (USDOT) and the Federal Highway Administration (FHWA) (2010). NCHRP Report 672 Roundabouts: An Informational Guide Second Edition.

## Western District Committee Updates

The following are updates from the Western District committees:

### Legislative

*By Tom Mericle, P.E., T.E., MPA, Legislative Committee Chair*

The legislative year is done for all of the western states except California, who always seems to take a long time to figure out what to do and has lots of activity. This was one of those odd numbered years where every one of the 13 Western District states has legislative sessions; several states do not meet in even numbered years. Most states finished their legislative sessions by the end of the spring except Oregon (who ended in July) and California (who is still in special session beyond their traditional early September ending date).

A complete update on legislation that was approved or in process is listed on the *WesternITE* website at <http://westernite.org/news/legislation/>. Please visit the site to see what is happening in your state. A more complete year-end report will be coming out in the October E-news.

If you have any state legislative activity that you want Western District ITE to follow up on please let the Western District Legislative Committee Chair, **Tom Mericle**, know. He can be reached at (805) 654-7774 or at [tmricle@cityofventura.net](mailto:tmricle@cityofventura.net).

### Public Relations

The Western District Board is pleased to welcome our new Public

Relations Committee Chair, **Doug Smith**, who took over the position from **Mark Greenwood** in September. We look forward to hearing more from Doug about his vision for this committee in the upcoming months. Contact Doug at [Douglas.Smith@hdrinc.com](mailto:Douglas.Smith@hdrinc.com) if you have any comments, ideas, or want to volunteer.

### Richard T. Romer Student Endowment Fund Update

*By Kimberly Leung, Richard T. Romer Student Endowment Fund Committee Chair*

The Student Endowment Fund Committee runs a bimonthly article, the Endowment Fund Spotlight, on the District's website that is written by contributors to the fund, Sections, or Student Chapters. The September-October spotlight was written by **Cathy Leong**, Western District President and member of the Hawaii Section. The following is the Hawaii Section's thoughts on the Student Endowment Fund:

The ITE Hawaii Section recently honored the passing of one of their founding members by raising a total of \$4000 for the Student Endowment Fund. **Constantinos S. Papacostas** was 68 years old when he passed away on May 9, 2015 after his battle with cancer. Costas, as he was affectionately known as, contributed over 40 years to the transportation profes-

ite Institute of Transportation Engineers  
**TUCSON ARIZONA**  
2015 Fall Conference October 26-29, 2015

## ITE 2016 Annual Meeting and Exhibit

August 14-17, 2016  
Anaheim Marriott in Anaheim, California

## Call for Candidates

The Western District Board is seeking nominations of qualified candidates for Secretary-Treasurer and International Director to run in the July 2016 election. Secretary-Treasurer nominations will be accepted for individuals residing in California, while International Director nominations are sought for individuals residing outside of California. Anyone who would like to submit a nominee for consideration, or who would like more information about the election process, should contact Western District Past President Carlos Ortiz at (949) 861-4999 or [cortiz@advantec-usa.com](mailto:cortiz@advantec-usa.com). Nominations will be accepted until December 1, 2015.

We are also requesting nominations for Individual and Lifetime Achievement Awards. Award information is available at [www.westernite.org](http://www.westernite.org). If you plan on recommending someone for either award, please fill out the nomination form as completely as possible. Nominations for the Individual and Lifetime Achievement Awards are due November 1, 2015.



Members of the Hawaii Section for Costas' Lifetime Achievement Award

(continued on page 11)

## 2015 Annual Meeting Award Winners

Award	2015 Awardee
Endowment Fund Contributor Recognition	Dalene J. Whitlock, Patrick Gibson, Nevada Chapter, In Memory of Constantinos S. Papacostas
Endowment Fund Highest Contribution per Member Award	Hawaii Section
Endowment Fund Highest Overall Contribution Award	Washington Section
Section/Chapter Activities Award Large Section	Southern California Section
Section/Chapter Activities Award Small Section	Riverside-San Bernardino Section
Wayne T. Van Wagoner Award (for best paper by a Western District member published in ITE Journal in prior calendar year)	"Automated Traffic Signal Performance Measures," Robert Clayton, Jamie Mackey and Mark Taylor
Employer Recognition Award	Kimley-Horn
Student Chapter Award Winner	Cal Poly San Luis Obispo
Student Chapter Award Honorable Mention	University of Utah
Student Chapter Award Honorable Mention	Cal Poly Pomona
Student Paper Competition	Nick Ferenchak, "Spontaneous Order of Pedestrian and Vehicle Interactions in Shared Spaces", University of Colorado - Denver
Outstanding Undergraduate Student	Christopher Sobie, Northern Arizona University
Outstanding Graduate Student Award	David Bassett, Brigham Young University
Outstanding Transportation Educator	Dr. Roger Lindgren, Oregon Institute of Technology
Western District Fellowship Award	Krista Purser, Cal Poly SLO
Young Professional Achievement Award	Neelam Dorman
Individual Achievement Award	Ransford S. McCourt
Lifetime Achievement Award	Patricia B. Noyes
Membership Award Highest Number Gain	Northern California Section and San Francisco Bay Area Section
Membership Award Highest Percentage Gain	Central California Section
Best Web Site Award	Intermountain Section
Wisest and Windiest Scribe Award	Alaska Section
Annual Meeting Best Paper Award	Ben Waldman, City of Arvada, CO and Michelle Stevens, Felsburg Holt & Ullevig, "Blending 14th Avenue and Lamar Street Roundabout into the 40 West Art District and Improving Safety and Bike/Ped Connectivity"
MiteY Race Awards	Family/Friends: MiteY Minions (Mark & Alex Spencer), Brown and Gold (Rhonda Young & Michelle Edwards), Kickin' Aspelins (Karen & Erik Aspelin) Students: Traffic Jammers (Leslie Situ & Mario Garcia-Gillespie Cal Poly Pomona), The HAWKS (Nicolle Spann & Thomas Aristide Cal Poly Pomona), Pistol Petes (Britton Hammit & Brendan Byron Univeristy of Wyoming)
William C. Kloos Traffic Bowl 1st Place	Guaranteed Green Lights - Danielle Scharf, Chris Sobie, Ed Smaglik, Scott Kuznicki
William C. Kloos Traffic Bowl 2nd Place	Wallflowers - Cathy Leong, Joe de la Garza, Robert Sweeting, Karen Aspelin
William C. Kloos Traffic Bowl 3rd Place	SLO and Steady - Sean Carney, Victoria Edington, Travis Low, Cameron Shew
Student Chapter Web Site Award Winner	BYU
Student Chapter Web Site Award Honorable Mention	San Diego State University

(continued on page 12)

*Western District Committee Updates (continued from page 9)*

sion; starting as a professor at the University of Hawaii at Manoa in 1973 and eventually rising to the position of Chair of the university's Department of Civil and Environmental Engineering in 2010. In addition, he served as Director of the Hawaii Local Technical Assistance Program while remaining active in various local and national professional groups including ITE. Last December, the Hawaii Section presented Costas with a Lifetime Achievement Award for his contributions to ITE and the Transportation Engineering profession. Although we are saddened by his passing, we feel fortunate to have been able to share that momentous event with him.

We can think of no better way to honor Costas' dedication to his students and ITE, and continue his legacy than to support the Student Endowment Fund. Shortly after he passed away, the Hawaii Section sent out a call to its members to donate to the fund in Costas's name and we have been overwhelmed by the response from his family, friends, and colleagues. We invite anyone who knew Costas or someone like him to join us in our support for the Student Endowment Fund.

### Web Site

*By Justin Link*

The Web Site Committee completed the transition to the new [westernite.org](http://westernite.org); we hope you're enjoying it! If you have any comments or questions about the new website, feel free to use the contact page at [westernite.org/aboutus/contact](http://westernite.org/aboutus/contact). Keep an eye out for the 2015 Las Vegas Annual Meeting Technical Compendium, as well as the Technical Compendium from the 2014 Rapid City Annual Meeting (which was waiting for the new website!).

As always, keep up with the Western District by Following Us on Twitter @Western\_ITE, and Liking Us on Facebook at [facebook.com/itewesterndistrict](https://www.facebook.com/itewesterndistrict).

### Student Initiatives

*By Danielle Scharf, P.E., PTOE, LEED AP, Student Initiatives Committee Chair*

The following report provides a summary of the 2015 ITE Western District student award winners.

#### Student Chapter Award

The purpose of the Student Chapter Award is to recognize student chapters that have shown outstanding accomplishments and activities. The winner is selected by a committee that reviews all of the annual reports. This year we received annual reports from 26 student chapters (this is a record number of reports!), and the winner was **Cal Poly San Luis Obispo**. The winner received a plaque, \$300 for the chapter's general fund and \$1,000 for travel reimbursement to attend the annual meeting. **Cal Poly San Luis Obispo was also the winner of the international student chapter award. This means they've won both awards two years in a row. Congrats Cal Poly San Luis Obispo on this great achievement!**

Honorable Mention went to **Cal Poly Pomona** and **University of Utah**. Both of these student chapters received a certificate and \$50 for the chapter's general fund, in addition to the \$100 that all student chapters receive for submitting an annual report.

#### Student Paper Award

The purpose of the Student Paper Award is to encourage student members of the District to conduct and report on independent research and investigation of transportation engineering subjects and to provide a means for recognizing outstanding accomplishment in this area. This year we received nine papers that were reviewed by a committee of three judges from across the District. The winner was **Nick Ferenczak** from the University of Colorado-Denver, with the paper "Spontaneous Order of Pedestrian and Vehicle Interactions in Shared Spaces." Nick received a plaque, a \$500 award and an additional \$500 in travel funds to attend the

annual meeting and present his paper.

#### Student Traffic Bowl

The fifth annual Student Traffic Bowl was held at the Annual Meeting in Las Vegas and 12 student chapters participated. The top three teams were

**1<sup>st</sup> place: Cal Poly San Luis Obispo**  
**2<sup>nd</sup> place: Oregon State University**  
**3<sup>rd</sup> place: Oregon Institute of Technology**

The winners received the Western District Student Traffic Bowl traveling trophy, a certificate, and \$2,000 in travel funds from ITE International to represent the Western District at the Collegiate Traffic Bowl Grand Championship in Hollywood, FL, and went on to win that competition as well!

#### James H. Kell RFP & Competition

The James H. Kell Student Competition is intended to give Student Members attending the Annual Meeting an opportunity to apply transportation and traffic engineering classroom knowledge to a specific "real-world" problem. The competition also gives students the chance to meet and interact with students from other schools. The District issues a request for proposals inviting ITE Student Chapters to define and run the Student Competition at the Annual Meeting. The winning Student Chapter is awarded up to \$1,500 to cover material costs and help defray travel expenses of students and their Faculty Advisor to attend the Annual Meeting. The winner of the RFP process this year was **Sacramento State** for their "Ring Around the Roundabout" challenge. Over 70 students from across the District participated in the event.

#### Outstanding Student Awards

The purpose of these awards is to recognize both an undergraduate and graduate student who have shown exceptional dedication to the transportation profession, extraordinary enthusiasm for ITE and unwavering professionalism in transportation research or an intern position. A record number

of nominations were made this year, and the 2015 winners include:

Outstanding Undergraduate Student: **Christopher Sobie**, Northern Arizona University

Outstanding Graduate Student: **David Bassett**, Brigham Young University

#### Outstanding Educator

The purpose of the Outstanding Educator award is to recognize an educator who has shown extraordinary creativity in teaching, taken exceptional measures to spark student interest in the transportation profession, provided unwavering encouragement for student endeavors or shown unequalled service to ITE. The District received five nominations for this award, and the winner this year was **Dr. Roger Lindgren** from **Oregon Institute of Technology**.

#### Western District Fellowship

This award process is conducted by ITE Headquarters, and they selected **Krista Purser** from **Cal Poly San Luis Obispo**. As the winner of this award, Krista received a plaque and a check for \$1000.

#### Student Chapter Annual Meeting Award

This is a new student chapter award that was started last year at the joint annual meeting with the Midwestern District, and we've decided to make it an annual award with a new traveling trophy. The purpose of the award is to recognize overall participation by a student chapter in all of the annual meeting activities. The winner of the Student Chapter Annual Meeting Award for 2015 was **Cal Poly Pomona**.

The Student Initiatives Committee is currently seeking volunteers to serve on the review committees for the various student and faculty awards for the coming year. If you are interested in volunteering, or would simply like more information about these awards and activities, please contact **Danielle Scharf, Student Initiatives Chair**, at [dscharf@sandersonstewart.com](mailto:dscharf@sandersonstewart.com).

2015 Annual Meeting Award Winners (continued from page 10)

Award	2015 Awardee
Student Traffic Bowl 1st Place	Cal Poly SLO
Student Traffic Bowl 2nd Place	Oregon State University
Student Traffic Bowl 3rd Place	Oregon Institute of Technology
James H. Kell Student RFP	Sacramento State, "Ring around the Roundabout"
James H. Kell Student Competition 1st Place	Noel Le – Cal Poly Pomona Elias Garcia – Cal State Fullerton Jordan Frustaci – Brigham Young University Natalia Brown – Brigham Young University Robert Harmon – Cal Poly Pomona Brendan Byron – University of Wyoming Kevin Carstens – Cal Poly San Luis Obispo Jose Palma – Cal Poly San Luis Obispo
James H. Kell Student Competition 2nd Place	Alexander Sequeira – Cal Poly Pomona Jacob Murray – Oregon Tech Brian Joufflas – Northern Arizona University Kevin Liang – Brigham Young University Janet Ye – UCLA XuQi Feng – UCLA Isabel Hemerly Viegas de Lima – UC Berkeley Gregory Sanchez – Brigham Young University
Student Chapter Annual Meeting Award - Winner	Cal Poly Pomona

## MiteY Race Update

By Cathy Leong, P.E., MiteY Race Coordinator

Thank you to all of the teams that participated in the MiteY Race at the recent Western District Annual Meeting in Las Vegas, NV! We kicked off the meeting on Saturday with the 5th installment of the race with 4 family/friends and 11 student teams completing fun, but challenging tasks within the Miracle Mile of Shops at the Planet Hollywood Resort. The top family & friends teams were:

- 1st Place: MiteY Minions – Mark and Alex Spencer
- 2nd Place: Brown and Gold – Rhonda Young and Michelle Edwards
- 3rd Place: Kickin' Aspelins – Karen and Erik Aspelin

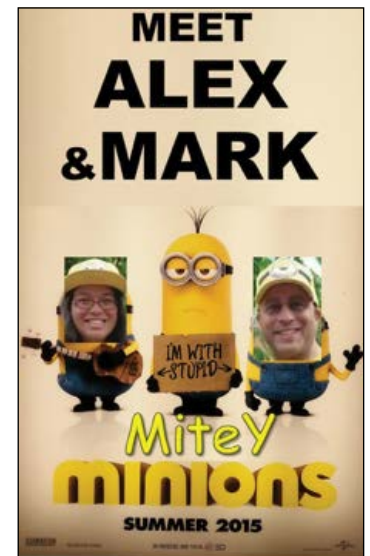


Student Winners, Traffic Jammers

The top student teams were:

- 1st Place: Traffic Jammers – Leslie Situ and Mario Garcia-Gillespie from Cal Poly Pomona
- 2nd Place: The HAWKs – Nicolle Spann and Thomas Aristide from Cal Poly Pomona
- 3rd Place: Pistol Petes – Britton Hammit and Brendan Byron from the University of Wyoming

All of the teams were given a playing card at each of the 5 pit stops throughout the race and the team with the best poker hand at the end of the race won our Grand Prize of two \$50 Amazon gift certificates. The Grand Prize winners were the Titans student team of Jameson Gorospe and Luis Cardenas from Cal State Fullerton.



Family & Friends Winners, MiteY Minions

## Section & Chapter Reports

The Sections and Chapters of the Western District are busy! Highlights of their activities are provided below:

### Alaska Section

*(Report provided by Sean Baski)*

- Alaska Section awarded three scholarships to Alaska engineering students at our September lunch meeting. All three of our recipients this year were from the University of Alaska Anchorage (UAA). **Anna McKay** was awarded a scholarship for \$2,000, and **Corey Prewett** and **Jessica Farrell** were both awarded \$1,500 scholarships. The selection of the award recipients was headed by our Scholarship Chair, **Dennis Linnell, P.E.**



*Alaska Section Scholarship Recipients*

- There was a great turnout for our Annual Member Appreciation BBQ on June 2nd. Although the weather was rainy our membership treated it in stride, mostly because that is "Alaska Weather." The BBQ was planned and wonderfully executed by our Membership Chair, **Kurt Meehleis**.
- Members of the Alaska Section attended the Western ITE District Meeting. Attendees included: **Heather Edic, Joan Mitchell, and Susan Melton-Acheson** (Section President). **The Section won the Wisest and Windiest Scribe Award.** We were delighted to retain the coveted trophy!



*Heather Edic, Joan Mitchell, & Susan Melton-Acheson at the 2015 Western District Annual Meeting*

- Professional development opportunities and events have been held regularly within the Section, and recent meetings having included presentations on Using your Gallop Strengths; Green Infrastructure in Anchorage; and How to Get Beyond Public Outcry: Public Involvement Strategy and the Anchorage Airport Master Plan Update. The Section was delighted to have the ITE Western District Past President **Carlos Ortiz** do a presentation on County-wide CCTV Interoperability and Connectivity.
- Our **Annual Beer and Wine Tasting & Silent Auction** (a fundraiser for our scholarship fund) will be held on November 14th.
- The ITE Alaska Section has been continuously working with the new student officers at the **University of Alaska Anchorage** with helping them build a strong ITE Student Chapter. Students attend the Monthly Section luncheons for free and are recognized at all meetings. The Section board also supports the Student Chapter with providing suggestions and connecting them with professionals to speak at their chapter meetings.
- The section is fundraising for the 2016 ITE Alaska Section Scholarship, which plans to award approximately \$5,000 in scholarships.

- The section continues to help and support the **Fairbanks Chapter**. The Chapter is brand new and had their first meeting in January.

### Arizona Section

*(Report provided by Deanna Haase)*

- Current officers are: **John Kissinger**, President; **Alejandro Angel**, Vice President; **David Lucas**, Secretary; and **Vinay Vanapalli**, Treasurer
- The Arizona Section won ITE's **Transportation Systems Management & Operations Council Achievement Award** for AZTech Regional Information System (ARIS).



*Award of ITE's TSM&O Council Achievement Award*

- Our student chapter priorities this year have really paid off. It is difficult to find the time and money as a student to attend conferences related to their major and interests. The Arizona ITE Section has made huge strides to at least take the burden of the money off of the students and that has shown enough encouragement to the students for one University to create a student chapter this year where there was none in previous years. We will continue this student chapter support in the future. The Arizona Section funded registration and travel costs for 35 students from **University of Arizona, Arizona State University, and Northern Arizona University** to attend the ITE/IMSA Spring Conference. They also funded a small number of students from the three Universities in Arizona

to attend the ITE Western District Conference in Las Vegas.

- Our Technical Committee is looking into requirements and experience/certifications that may be warranted or required in order to approve traffic signal timing plans. This issue has come up in the Phoenix metropolitan area this year and we are looking for examples/ideas of what kinds of qualifications there should be (because there aren't any currently) in approving and implementing traffic signal timing. Not just anyone can do signal timing, so if there are examples of how others are requiring specific skill sets to complete this task, please forward information to the AZITE President.

### Central Coast Section

*(Report provided by Monique Fuhrman)*

- Professional development opportunities and events have been held regularly within the Section (second Tuesday of each month), including the 2015 Golf Tournament, Student Chapter Joint Meeting at Cal Poly San Luis Obispo, and regular Section meeting in Camarillo, CA.
- The Section contributed \$1000 for WesternITE sponsorship to our **Cal Poly SLO student chapter** – the section sent numerous students this year!
- Our section contributed \$500 to the **Richard T. Romer Student Endowment Fund** via the Western District – we are very excited to contribute to the development of students entering this profession.

### Colorado-Wyoming Section

*(Report provided by Devin Joslin)*

- Current officers are: **Freddy He**, President; **Ryan Germer-**

*(continued on page 14)*

## Section &amp; Chapter Reports (continued from page 13)

- oth**, Vice President; and **Lou Davenport**, Secretary/Treasurer.
- The Colorado-Wyoming ITE Section presented the Transportation Professional of the Year at the May lunch meeting to **Mike Gill**.
  - Professional development opportunities and events have been held regularly within the Section, including luncheon meetings, an annual golf tournament, and a summer social. Future meetings are scheduled for November 6 (Northern Colorado) and December 11, 2015; January 22 (Vendor Show), February 18 (Meet and Greet Activity), March 11 (Colorado Springs), April 1 (Spring Transportation Symposium), May 6, and June 10 (Golf Tournament)
  - On September 18, Colorado/Wyoming Section of ITE hosted its first-ever Mountain/Western Slope meeting at Hotel Colorado in Glenwood Springs, Colorado. The meeting was a tremendous success and was attended by nearly 40 people, primarily from municipal agencies and consulting firms located in Western Colorado.
  - The **CU Denver Student Chapter** hosted a tour of RTD's new A-Line light rail on September 22. The A-Line will ultimately connect Union Station to Denver International Airport. On September 24, student members were invited to attend a session at Sports Authority Field about Ford Motor Company's Smart Mobility Plan.
  - At the ITE Western District Annual Meeting in Las Vegas, NV, **Ben Waldman** and **Nick Ferenchak** both received special honors. Ben won the Best Paper Award and Nick from the CU Denver Student Chapter won the Best Student Paper Award.
- Vice President; **George Van Horn**, Secretary/Treasurer; and **Yuri Mereszczak**, Past President
- James Pline, Richard Jacobson, Gary Funkhouser, and Greg Laragan** were presented with Idaho Chapter Lifetime Achievement Awards.
  - The Idaho Chapter held its 8<sup>th</sup> Annual Idaho ITE Statewide Conference on September 15<sup>th</sup>, 2015, which included presentations on Transportation Safety and Security, Creative Funding Strategies in Las Vegas, ITE: Out Front of a Changing Profession – Shawn Leight, WYDOT Road Condition Reporting System, and Adaptive Traffic Speed. The Idaho Chapter has regularly scheduled meeting for the second Tuesday of each month, October through April.
  - This year the Idaho Chapter has two new members that will be coordinating student chapter outreach, **Brett Kohring** and **Arthur Thomas**.
  - Both **Boise State** and the **University of Idaho** attended the Intermountain Section meeting in Jackson, WY, and the Idaho Chapter conference in Boise, ID.
  - The **University of Idaho** also attended the Western District Conference in Las Vegas, NV. They competed at the Western District Traffic Bowl and Las Vegas and came in 4<sup>th</sup> place. This is the first time that the University has competed in the Traffic Bowl.

## New Mexico Section

(Report provided by Adam Miera)

- Current officers are: **Patrick Byrd**, President; **Adam Miera**, Vice President; and **Hiram Crook**, Secretary/Treasurer
- The New Mexico Section's Past President Award was presented to **Jennifer Schenkman**.
- A student scholarship was presented to **Andrew Sutliff** in the amount of \$1,000

- Professional development opportunities and events have been held regularly within the Section (luncheon meetings the first Thursday of each month), including topics on New Mexico State Wide Transportation Plan and a field trip to the Albuquerque Wheels Museum. Upcoming meetings include a presentation on The City of Albuquerque's Bond Issues and a presentation about the Downtown Albuquerque Main Street Bike Share program.
- The Chapter also held their annual **University of New Mexico student competition** in which teams submitted technical papers based on different design projects. This competition has been a great opportunity to introduce students to ITE and also allowed them a chance to win a cash prize.

## Northern California Section

(Report provided by Doug Maas)

- Current officers are: **Doug Mass**, President; **David Stanek**, Vice President; **Cameron Shew**, Secretary; **Justin Calkins**, Treasurer; and **Joe Anderson**, Past President.



NorCal Section's Officer Elections

- The NorCal ITE Section continues to make students a priority through our continuous support of the Student Endowment Fund (\$1800 was contributed in 2015), and our support and interaction with three student chapters in our Section – Sacramento State University, U.C. Davis, and Chico State University. The Board provided a Student Award to sponsor a deserving student, **Zaid Hadid** of Sac State, with an all-expenses

paid scholarship to attend this summer's ITE Western District meeting.



NorCal Section's Contribution to the Richard T. Romer Student Endowment Fund

- The Section won the **Western ITE 2015 Membership Award** (Highest Number Gain Award).
- NorCal ITE Annual District Meeting Presentation Award was an all-expense trip to the Western District ITE Annual Meeting for a NorCal member presenting a paper. The award went to **Jason Miller**, Caltrans, to present "Cost Effectiveness of Park and Ride Lots."
- Professional development opportunities and events are held regularly within the Section, including SR99/Twin Cities Roundabout Interchange, I Street Bridge Replacement Project, ITS Developments in Caltrans District 3, Simulation Analysis for Intersection Treatments for Cycle Tracks, and Oktoberfest Golf Tournament (Fund raiser for the Student Endowment Fund).

## Oregon Section

(Report provided by Patrick Marshall)

- Current officers are: **Anthony Buczek**, President; **Miranda Wells**, Vice President; **Mark Haines**, Secretary/Treasurer; and **Mike Ard**, Past President
- Kristine Kendrick** from Portland State University was awarded the Oregon ITE Graduate Scholarship (\$2500). **Amy Wyman** from Oregon State University was awarded the Oregon ITE Undergraduate Scholarship (\$2500)

(continued on page 15)

## Idaho Chapter

(Report provided by Jeff Jones)

- Current officers are: **Jeff Jones**, President; **Cody Luper**,

## Section &amp; Chapter Reports (continued from page 14)

- Professional development opportunities and events are held regularly within the Section, including the ORITE Golf Tournament, MAX Orange Line Preview Ride, FHWA Congestion & Bottleneck Identification & Solutions, and happy hours.
- The **24th Annual William C. Kloos Traffic Bowl** is our single biggest event of the year, and will be held on November 19<sup>th</sup> at Portland State University. Oregon & Washington's brightest transportation engineering students will compete against each other in a test of transportation knowledge and perception reaction time. Which university will take

home the coveted trophy? You will have to come to find out.

- The Oregon ITE Section is preparing to issue an RFP to help fund student travel. This program is designed to help student chapters travel to conferences and other educational transportation events.

## Riverside-San Bernardino Section

(Report provided by Bowen Yang)

- Professional development opportunities and events have been held regularly within the Section, including topics like the Victoria Gardens Mall in Rancho Cucamonga.

- RSBITE will be part of the ITS Conference 2015, to be held at LAX Hilton Hotel.
- RSBITE is on Instagram!

## Southern Arizona Chapter

(Report provided by Southern Arizona Chapter)

**Brent Crowther**, President; **Robert Lane**, Vice-President; **Claudia Hunt**, Treasurer/Secretary

We will be recognizing **Ben Goff, PE**, at our October meeting. Ben retired in January after 30 years of service with Pima County DOT. Ben won the E-Week Engineer of the Year award for 2015.

At our August meeting we heard about the continued development of the City of Tucson's Bike Share program from Ann Chanecka. September meeting we heard about Pima County Traffic Engineering's Safety Management System and the Highway Safety Manual incorporation.

October joint meeting with the University of Arizona Student Chapter and hear from City of Tucson's Transportation Director. We are looking forward to the ITE Technical Conference being held here in Tucson in Oct.

Student Chapter meets twice a month, a member of SAITE attended their September 16th Meeting to discuss the SAITE Hank Warner Scholarship opportunity with the students.

## POSITIONS AVAILABLE

Viewed by over 4,000 engineers and vendors monthly, *WesternITE* is an excellent means for advertising your company and positions available! Contact our Advertising Manager, **Robert Sweeting** at [rsweeting@toaks.org](mailto:rsweeting@toaks.org) or (805) 449-2438 for more information and pricing.

### City of Fort Collins – Civil Engineer II Traffic (Fort Collins, CO)



The Traffic Department is seeking an experienced engineer to join their team to plan, design, review and manage traffic engineering and transportation planning projects or programs. The ideal candidate will have a Bachelor's degree in Engineering or related field and three to five years related traffic engineering experience; or equivalent combination of education and experience. Valid driver's license required. Professional Engineering license is desirable. Salary Range: \$66,716 – \$93,083 annually DOQ. This is a full-time, contractual position with a benefit package. To apply please visit [www.fcgov.com/jobs](http://www.fcgov.com/jobs) and complete the City online application by October 16, 2015. EOE.

### Michael Baker International – Traffic Associate Civil Engineer II (Lakewood, CO)

Full Time

Candidates should have diverse interests in both traffic engineering and transportation planning. Specific tasks could include transportation analysis/simulation, travel demand forecasting, report preparation, traffic control/detour plan design, traffic signal design, signal timing, intersection design. Project and task management, plus mentoring of junior staff is included. There will also be opportunities for business development.

**Requirements:**•BS, Civil or Transportation Engineering

- BS, Civil or Transportation Engineering
- 6 to 12 years of experience
- PE, PTOE
- Computer Skills in VISSIM, TransCAD, AutoCAD, Synchro
- Proficiency in writing and graphics development, business development, and effective verbal communication preferred.

To apply for this position, please log on to [www.mbakerial.com/careers](http://www.mbakerial.com/careers) and reference **IRC50287**. To Learn More About Michael Baker – Visit our Web site at [www.mbakerial.com](http://www.mbakerial.com).

## CDM Smith – Civil Engineer (Bellevue, WA)

CDM Smith provides lasting and integrated solutions in water, environment, transportation, energy and facilities to public and private clients worldwide. As a full-service consulting, engineering, construction, and operations firm, we deliver exceptional client service, quality results and enduring value across the entire project life cycle.



### *Job Responsibilities*

As a member of this team, you would contribute to CDM Smith's mission by:

- Developing new business and maintaining relationships with decision makers and senior management staff with CDM Smith transportation clients throughout the Pacific Northwest.
- Priority clients will include Washington DOT, Seattle DOT, and Sound Transit.
- Conducting effective sales activities including identifying projects within these market sectors and effectively working with our team to develop winning proposals and presentations.
- Senior manage in charge of negotiating contracts including contract terms, scope, schedule and budget to achieve CDM Smith business objectives.
- Work effectively with project managers and key technical specialists working for their clients to deliver quality projects.
- As needed, personally leads select projects within his/her technical area of expertise.
- Active member of the local engineering community including professional societies in which clients or potential clients are members.

### *Job Requirements*

- A minimum of a bachelor's degree and 12+ years of experience is required working with/selling into the Seattle area Transportation market.
- The successful candidate must be an accomplished business developer with excellent client relationship, interpersonal, time management and leadership skills.
- Experience and established relationships within the transportation sector with a particular emphasis with Wash DOT, SDOT, and/or Sound Transit, and major city and county governments throughout the Pacific NW region.
- Demonstrated transportation sales performance.
- Professional Engineer registration (in Washington, desired.)

We attract the best people in the industry, supporting their efforts to learn and grow. We strive to create a challenging and progressive work environment. We provide career opportunities that span a variety of disciplines and geographic locations, with projects that our employees plan, design, build and operate—as diverse as the needs of our clients. CDM Smith is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, or protected veteran status.





## DKS Associates – Traffic/Transportation Engineer (Santa Ana, CA)



Join a leading transportation firm that values your expertise and rewards your accomplishments. Named as one of the “Best Firms to Work For” by Zweig White, DKS Associates is a growing, national, employee-owned specialty transportation engineering consulting firm.

An opportunity exists for a highly motivated Engineer to become part of a dynamic transportation design group. The successful candidate will be responsible for the following:

- Assist in the development of major elements of projects and assist senior project personnel in providing professional services to many public sector clients across Southern California.
- Should have diversified design experience and be able to perform design and CADD work independently on complex projects with minimal supervision.
- Perform basic traffic and ITS design as well as utility research and design, communication network design, quantity calculations and cost estimates.
- Perform general engineering designs of individual tasks on transportation-related projects such as, preparing preliminary and final designs, specifications, bidding, cost estimates, assessing project schedules, coordinating approvals, and sub consultants, attending meetings with clients, and using independent judgment in making adaptations and modifications.
- Serves as a trainer and resource for junior level staff
- Reviews drawings and researches design standards to comply with city, state, and county regulations
- Expands current knowledge of technologies and trends, as they apply to the applicable project and market types, and continually strengthens skills

### *Your Capabilities and Credentials:*

- Bachelor's Degree in Civil Engineering.
- 4-8 years of related experience.
- EIT on track for Professional Registration in the State of California.
- Highly proficient in AutoCAD/Microstation and other software such as Microsoft Office i.e. Word, Excel, and Outlook. Experience with Autoturn and Torus is a plus.
- Strong knowledge of applicable agencies design standards: LADOT, County of Los Angeles, Port of Long Beach, and Port of Los Angeles.
- Must be self-motivated possessing strong written and verbal communication skills, attention to detail and accuracy.

### *To Apply:*

Email cover letter and resume to [careers@dksassociates.com](mailto:careers@dksassociates.com). Indicate “**TRAFFIC/TRANSPORTATION ENGINEER #2015-012**” in subject line when applying. Be sure to label any attachment with your full name (i.e. First Name Last Name\_resume).

DKS Associates is an equal opportunity employer and prohibits all forms of unlawful discrimination based on race, color, religion, national origin, citizenship, age, sex, marital status, disability, medical condition, veteran status, sexual orientation or any other unlawful forms of discrimination. EEO/W/M/Vets/Disabilities.

## City of Flagstaff – Transportation Engineer Project Manager (Flagstaff, AZ)

\$52,430.14 – \$76,256.75 Annually, DOE  
Full-Time, FLSA Exempt, Benefits Eligible  
Vacancy #: 071-15-02, Closing Date: 11/13/15

You will exercise your skills and knowledge regarding technical support associated with the management of projects, contracts, teams and services for city funded public improvements. You'll need to exercise considerable judgment, initiative and professional skills in project administration, knowledge of resource management and coordination of projects and program delivery. Please visit our webpage to view additional information and examples of the work to be performed.



### *Minimum requirements:*

- Bachelor's degree in Civil Engineering with additional course work in Transportation Engineering/Transportation Planning
- 3 years of experience as a Transportation Engineer/Planner
- Experience with Word, Excel, Access, PowerPoint, Synchro, Simtraffic AutoCAD, TransCAD, Highway Capacity Software, ArcGIS, RODEL, TRAX Pro, PETRA Pro.

*To apply online:* <http://www.flagstaff.az.gov/jobs>

### *To apply in person:*

Call our general information line at 928-213-2090 to request an application by mail. Additional information about current and open job vacancies can also be found by calling our job line at (800) 463-1389.

The City of Flagstaff respects, values and welcomes diversity in our workforce. To this end, we encourage all interested people to apply.



# PROFESSIONAL SERVICES DIRECTORY

## ALBERT GROVER & ASSOCIATES

Signal System Design • Coordination • Operations • Impact Studies • Modeling • Design/Build • Parking & Access • Inspection • Implementation • On-Site TE Services  
211 E. Imperial Highway, Suite 208  
Fullerton, CA 92835  
(714) 992-2990 FAX (714) 992-2883  
www.albertgrover.com

## ALL TRAFFIC DATA SERVICES, INC.

Atlanta, GA (404) 374-1283  
Denver, CO (303) 216-2439  
Jacksonville, FL (904) 707-8618  
Seattle, WA (206) 251-0300  
Portland, OR (503) 833-2740  
San Jose, CA (970) 443-1957  
Visit www.alltrafficdata.net

## DDL TRAFFIC, INC.

Provider of several traffic industry needs, service, technical support and installation. We are the SoCal distributor for GTT/Opticom Priority Control Systems – Sensata/Dimensions Battery Back Up Systems – IDC Speed Radar Signs, ELTEC Flashers, RRFB and Flashing Beacons. Please contact us at (800) 289-6803 for more information.  
www.ddltrffic.com

## DKS ASSOCIATES

Traffic and Transportation Engineering and Planning • Intelligent Transportation Systems  
Corporate Office: 1970 Broadway, Suite 740,  
Oakland, CA 94612  
(510) 763-2061 Offices in Santa Ana and Sacramento, CA; Tampa, FL; Round Rock, TX; Portland and Salem, OR; Seattle, WA  
www.dksassociates.com rsm@dksassociates.com

## ECONOLITE GROUP, INC.

Traffic Controllers, Signals & Cabinets • Video & Radar Traffic Detection • Advanced Transportation Management Systems • Project Management • Engineering • Construction • Maintenance  
3360 East La Palma Ave., Anaheim, CA 92806  
(714) 630-3700  
www.econolitegroup.com  
marketing@econolitegroup.com

## GIBSON TRANSPORTATION CONSULTING, INC.

Traffic Engineering • Transportation Planning • Parking  
523 W. 6th Street, Ste 1234  
Los Angeles, CA 90014  
www.gibsontransportation.com  
(213) 683-0088 phone  
(213) 683-0033 fax

## INTUICOM

Intuicom, Incorporated is a premier supplier of wireless solutions to the ITS market. Intuicom provides wireless data solutions designed to satisfy the most demanding requirements for long-range remote or mobile device networking. Intuicom provides unsurpassed performance and flexibility. Founded in 1999, with headquarters in Boulder, CO, Intuicom wireless solutions enhance applications including precision GPS, traffic control, transportation, and automation.  
Call (303) 449-4330  
traffic@intuicom.com

## ITERIS

Traffic & Weather • Detection • Planning & Engineering Analytics • Design-Build & Integration • Multi-Modal  
Offices nationwide (949) 247-9400 www.iteris.com

## KIMLEY-HORN AND ASSOCIATES, INC.

Traffic Engineering • Transportation Planning • ITS Communications • Software • Civil Engineering  
Offices in: San Diego, Orange, Los Angeles, Riverside, Pleasanton, Oakland, Sacramento, Stockton, San Jose, CA; Las Vegas, Reno, NV; Phoenix, Tucson, Mesa, AZ; Denver, CO  
www.kimley-horn.com

## KOA CORPORATION

Traffic Engineering • Transportation Planning • Roadway Design • Traffic Signal Timing  
1100 Corporate Center Drive, Suite 201  
Monterey Park, CA 91754 (323) 260-4703  
Ontario, CA (909) 890-9693  
San Diego, CA (619) 683-2933  
Orange, CA (714) 573-0317  
Gardena, CA (310) 329-0102  
www.koacorporation.com

## KUNZMAN ASSOCIATES

"Over 35 Years of Excellent Service"  
Certified UDBE/MBE/SBE  
Traffic Engineering • Transportation Planning • Parking • Noise/Vibration • Expert Witness • Air Quality/Global Climate Change/Health Risk Assessment  
1111 Town & Country Road, Suite 34 • Orange, CA 92868  
(714) 973-8383 www.traffic-engineer.com

## LEE ENGINEERING

*Traffic... It's what we do*  
Traffic Engineering • Transportation Planning • Intelligent Transportation Systems  
Phoenix, Albuquerque, Dallas, San Antonio, Oklahoma City  
www.leeengineering.com info@lee-eng.com  
(602) 955-7206 (505) 338-0988

## LIN CONSULTING, INC. (UDBE/MBE/SBE)

Traffic Engineering • Traffic Signal & Lighting • Freeway Communications • ITS • Worksite Traffic Control • Transportation Planning & Studies • Parking • Civil and Electrical Engineering  
Diamond Bar, CA (909) 396-6850  
Tustin, CA (714) 258-8411  
San Diego, CA (858) 278-4800  
www.linconsulting.com email: inbox@linconsulting.com

## LINSCOTT, LAW & GREENSPAN

Engineers & Planners • Traffic • Transportation • Parking  
Irvine, CA (949) 825-6175  
Pasadena, CA (626) 796-2322  
San Diego, CA (858) 300-8800  
Woodland Hills, CA (818) 835-8648  
www.lingengineers.com

## LSA ASSOCIATES, INC.

Mobility Planning • Traffic Engineering • Parking Studies • Capital Project Development • Travel Demand Modeling • Highway Planning • Access Studies • Traffic Simulation • Environmental Analysis Support  
20 Executive Park, Suite 200, Irvine, CA 92614 (949) 553 0666  
1500 Iowa Avenue, Suite 200, Riverside, CA (909) 781-9310  
email: tony.petros@lsa-assoc.com

## MINAGAR & ASSOCIATES, INC.

ITS • Traffic Engineering • Transportation Planning • Signal Timing • Communications • Construction Management  
18662 MacArthur Blvd., Suite 435 Irvine, CA 92612  
Tel: (949) 727-3399 Fax: (949) 727-4418 www.minagarinc.com

## THE MOBILITY GROUP

Transportation Planning • Transit Planning • Parking • Traffic Planning & Engineering • Management  
18301 Von Karman, Suite 580, Irvine, CA 92612  
(949) 474-1591 / Fax (949) 474-1599  
www.mobilitygrp.com

## PARAMETRIX

Parametrix is an engineering, planning and environmental sciences firm located in offices throughout the west. The firm's 300 professionals provide multi-disciplinary services in transportation planning and design. We assist clients through all phases of a project, from initial planning through the environmental permitting and design process, to construction management.  
Karen Aspelin, P.E., PTOE  
(719) 661-4127

## RAJAPPAN & MEYER CONSULTING ENGINEERS, INC.

Transportation Planning • Traffic Engineering • ITS • Freeways, Interchanges, & Street Design • Bridge & Structural Engineering  
Offices in Irvine, Riverside, Oakland, and San Jose  
(408) 280-2772 • www.rmengineers.com

## RBF CONSULTING, A COMPANY OF MICHAEL BAKER INTERNATIONAL

RBF provides Transportation Planning, Public Works/Traffic Engineering, Intelligent Transportation Engineering, and Travel Demand Modeling  
Over 100 offices serving the United States  
(800) 479-3808 www.RBF.com

## STANTEC CONSULTING SERVICES, INC.

Traffic & Civil Engineering • Transportation Planning • Traffic Signal Design • Parking Analysis and Design • Program & Construction Management Services  
19 Technology Drive, Ste. 200, Irvine, CA 92618  
(949) 923-6000 / Fax (949) 923-6121

## W-TRANS

"W-Trans," a certified DBE/WBE, provides the following services, with an emphasis on Sustainable Transportation Solutions.  
Traffic Engineering • Transportation Planning • Municipal Services • Roundabouts • Traffic Calming • Bicycle & Pedestrian Planning • Parking • Traffic Signal Design/Timing  
Santa Rosa, Oakland, and San Jose CA www.w-trans.com  
Tel: (707) 542-9500

## WILLDAN

Engineers • Traffic Engineering • Transportation Planners  
2401 E. Katella Ave. #300, Anaheim, CA 92806  
Tel: (714) 940-6300  
Regional offices in Anaheim, Los Angeles, San Bernardino, Phoenix, Sacramento, and Ventura

## WILSON OKAMOTO CORPORATION

Civil Engineering • Traffic Engineering • Planning  
1907 S. Beretania Street, Suite 400, Honolulu, Hawaii 96826  
Tel: (808) 946-2277/Fax (808) 946- 2253  
www.wilsonokamoto.com

**Change of Address:**

To change your mailing address information, please visit

[www.ite.org](http://www.ite.org)

or call, fax, or mail changes to:

Institute of Transportation Engineers  
1627 Eye Street, NW, Suite 600  
Washington, DC 20006  
Telephone: +1 202-785-0060  
Fax: +1 202-785-0609

# WESTERNite

Institute of Transportation Engineers  
Western District (6)  
c/o Joey Paskey  
Atkins  
2270 Corporate Circle, Suite 200  
Henderson, NV 89074  
Dated Material - Time Value

NON-PROFIT ORGANIZATION  
US POSTAGE

PAID

LOS ANGELES, CA  
PERMIT # 20194

## Western District Officers for 2015

### President

Cathy Leong, P.E.  
Wilson Okamoto Corporation  
1907 S. Beretania Street, Suite 400  
Honolulu, HI 96826  
(808) 946-2277  
cleong@wilsonokamoto.com

### Vice President

Mark Spencer, P.E.  
W-Trans  
475 14th Street, Suite 290  
Oakland, CA 94612  
(510) 444-2600  
mspencer@w-trans.com

### Secretary-Treasurer

Dongho Chang, P.E.  
City of Seattle  
P.O. Box 34996  
Seattle, WA 98124  
(206) 684-5106  
dongho.chang@seattle.gov

### Past President

Carlos Ortiz, P.E., T.E., PTOE  
ADVANTEC Consulting Engineers  
1200 Roosevelt  
Irvine, CA 92620  
(949) 861-4999  
cortiz@advantec-usa.com

### District International Director

Jenny L. Grote, P.E., PTOE  
City of Phoenix  
200 W. Washington St., 5th floor  
Phoenix, AZ 85003  
(602) 256-4337  
jenny.grote@phoenix.gov

### District International Director

Jennifer Rosales, P.E., PTOE  
City of San Clemente  
910 Calle Negocio, Suite 100  
San Clemente, CA 92673  
(949) 361-6114  
rosalesj@san-clemente.org

### District International Director

Alyssa Rodriguez, P.E., PTOE  
City of Henderson  
240 Water Street  
Henderson, NV 89009  
(702) 267-3080  
alyssa.rodriguez@cityofhenderson.com

### District Administrator

Dalene J. Whitlock, P.E., PTOE  
W-Trans  
490 Mendocino Ave., Suite 201  
Santa Rosa, CA 95401  
(707) 542-9500  
dwhitlock@w-trans.com

### International President

John J. Kennedy, P.E., PTOE  
Vanasse Hangen Brustlin, Inc.  
98 Wayside Inn Rd.  
Framingham, MA 01701  
(617) 924-1770  
jkennedy@vnh.com

### International Vice President

Paula Flores Benway  
Stantec Consulting, Inc.  
61 Commercial St.  
Rochester, NY 14614  
(585) 475-1440  
paula.benway@stantec.com

### Managing Editor

Joey Paskey, P.E., PTOE  
Atkins  
2270 Corporate Circle, Suite 200  
Henderson, NV 89074  
(702) 551-0286  
joey.paskey@atkinsglobal.com

### Webmaster

Justin Link, P.E.  
Kimley-Horn  
21820 Burbank Blvd., Suite 230  
Woodland Hills, CA 91367  
(747) 900-8380  
Justin.link@kimley-horn.com

### Advertising Manager

Robert Sweeting, T.E.  
City of Thousand Oaks  
2100 Thousand Oaks Boulevard  
Thousand Oaks, CA 91362  
(805) 449-2438  
rsweeting@toaks.org

### 2016 Annual Meeting

Jim Barrera  
LAC Co-chair  
jim.barrera@aecom.com

### Paul Barricklow

LAC Co-chair  
pbarricklow@lee-eng.com



Official Publication of the  
Institute of Transportation  
Engineers, Western  
District

Fall 2015 Vol. 69, No. 2

## Committee Chairs

### Career Guidance Committee Chair

Neelam Dorman  
Kittleson & Associates, Inc.  
Neelam.dorman@gmail.com

### LAC Liaison

Randy McCourt  
DKS Associates  
rsm@dksassociates.com

### Legislative Committee Chair

Tom Mericle  
City of Ventura  
tmericle@cityofventura.net

### Membership Committee Chair

Joe De La Garza  
Parsons Brinckerhoff  
delagarzajr@pbworld.com

### Public Relations Committee Chair

Doug Smith  
HDR  
douglas.smith@hdrinc.com

### Student Endowment Chair

Kimberly Leung  
SF Municipal Transportation Agency  
kimberly.leung@sfmta.com

### Student Initiatives Chair

Danielle R. Scharf  
Sanderson Stewart  
dscharf@sandersonstewart.com

### Technical Committee Chair

Amit Kothari  
amitonekothari@gmail.com

### Traffic Bowl Committee Chair

Ken Ackeret  
Kimley-Horn & Associates, Inc.  
ken.ackeret@kimley-horn.com

### Vendor Committee Chair

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

*WesternITE* newsletter is the official publication of the Western District (6) of the Institute of Transportation Engineers. Its purpose is to share information on transportation topics between members and to communicate to members the activities of the Western District (6). Articles relating to these purposes are always welcomed and may be sent to either editor. The opinions, findings, techniques and specific equipment cited by individual authors of *WesternITE* newsletter articles do not constitute the endorsement of same by *WesternITE*. Reprint of any newsletter material (except if copyrighted) for the purpose of sharing technical information is permissible given that proper reference and the above paragraph accompany the reprint.