

# 2014

## RSBITE SECTION ACTIVITY REPORT

Prepared for:



Prepared by:



For the period January 1, 2014 to December 31, 2014



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## Officers:

### Current Officers and Committee Chairs:

Past President	Jonathan Hofert
President	John Kerenyi
Vice President	Gianfranco Laurie
Secretary / Treasurer	Dr. Mohammad Qureshi

### Others:

Program Chair	Victoria Dewey
Scribe / Student Chapter Liaison	Daniel David
Legislative Coordinators	Anwar Wagdy & Vikki Li
Newsletter Chairs	Trisha Munoz & Andrew Osaki
Social & Golf Chairs	J.R. Morgan & Dennis Acuna
Webmaster	Nathan Mustafa
Historian	Brett G. Craig
Membership Directory Chair	Grace Lin Cheng
Workshop Chair	Jonathan Wu



## Membership:

Number	Membership Grade	Section Annual Dues Rate
1	Honorary	\$ 0
7	Fellow	\$ 27.50
12	Fellow Life	\$ 0
0	Fellow Retired	\$ 0
40	Member 10	\$ 27.50
48	Member	\$ 27.50
7	Member Life	\$ 0
3	Member Retired	\$ 0
4	Institute Affiliate	\$ 27.50
0	Institute Affiliate Retired	\$ 0
20	Student Member	\$ 0
<b>142</b>	<b>Total</b>	

## Financial:

Does your section have a Federal Employer Identification Number?

Yes                       No

If yes, what is the number? 93-1150446

**Balance of Funds on hand at the Beginning of the Reporting Period: \$ 20,449.72**

### Income for the Reporting Period:

Membership Dues	\$ 1,874.67
Gross Income from Meetings	\$ 25,007.21
Investment Income	\$ 0.00
Advertising Income (Newsletter)	\$ 1,425.00
Other Principal Sources of Income:	
Golf Tournament	\$5,875.00
Holiday Mixer	\$750.00
Corporate Sponsors	\$3,000.00
<b>Total Income:</b>	<b>\$ 37,931.88</b>

### Expenditures for the Reporting Period:

Newsletter Printing/Postage	\$ 4.90
Travel	\$ 3,130.47
Meetings	\$ 18,046.12
Special Projects	\$ 0.00
Awards	\$ 0.00

Other Expenditures:	
Golf Tournament	\$5,072.61
Holiday Mixer	\$205.31
Board meeting expenses	\$544.60
Group Exemption	\$50.00
Mail Box Renewal	\$135.00
Domain Renewal (Section Website)	\$120.00
Student Scholarship	\$1,000.00
Cal Poly Pomona - Civil Eng Dept	\$3,050.00
Cal Poly Pomona - ITE Student Chapter	\$2,600.00
ASCE Annual Golf Tournament	\$50.00
Incidentals (Name badges, raffle tickets)	\$295.39
WesternITE Student Endowment Fund	\$3,250.00
Student Chapter Meeting (Luncheons)	\$94.70
<b>Total Expenditures:</b>	<b>\$ 37,649.10</b>
<b>Net Income (Expense)</b>	<b>\$ 282.78</b>

**Balance of Funds on hand at the End of the Reporting Period: \$ 20,732.50**

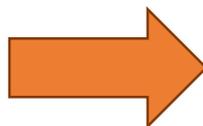
Was there a change in the Section Bylaws during this reporting period? (If yes, please attach a copy of the new bylaws.)

Yes       No

### Technical Activities:

The Section sponsored attendance at the 2014 Western District Annual Meeting for both the incoming and outgoing Presidents of the Section. Both delegates participated in leadership activities there, including the Leadership Breakfast.

The Section also launched a new Web site (located at <http://www.rsbite.org>) which allows visitors to search for topics and keywords across all archived newsletters. The site integrates the Section's Eventbrite calendar, allowing visitors to see and register for upcoming events. It also includes a photo gallery of past RSBITE events and is designed to display well on mobile devices. Most importantly, the new website allows for easy updating of content to help ensure content remains relevant.



## Legislative Activities during this reporting period:

Our monthly newsletters provide important legislative updates to our members. The “Legislative Corner” section informs members of approved or in-progress legislative activity. Some of the recently approved legislation is shown below:

- AB 266: Allows use of HOV lanes by certain low-emission, hybrid, or alternative fuel vehicles through January 1, 2019.
- AB 1193: Requires Caltrans to create design standards for protected bike lanes, or cycle tracks. Changes the naming convention of Class I, II, III, and IV bikeways to bike path, bike lane, bike route, and cycle track.
- SB 785: Enacts uniform provisions authorizing the state Department of General Services and local agencies to utilize the design build procurement process for specified public works projects.
- SB 743: Directs the Governor’s office to prepare rules revising the preparation of traffic impact analyses for environmental impact reports.
  - RSBITE was part of the SB743 task force. A special thanks to Erik Ruehr, Chair of the ITE California SB 743 Task Force.



WESTERN DISTRICT

INSTITUTE OF TRANSPORTATION ENGINEERS

November 21, 2014

Christopher Calfee, Senior Counsel  
Governor’s Office of Planning and Research  
1400 Tenth Street  
Sacramento, CA 95814

Re: Updating Transportation Impacts Analysis in the CEQA Guidelines  
Preliminary Discussion Draft of Updates to the CEQA Guidelines Implementing SB 743

Dear Mr. Calfee:

Thank you for the opportunity to provide comments and suggestions regarding your efforts to amend CEQA (California Environmental Quality Act) Guidelines, as required by Senate Bill 743 (SB 743). This letter specifically responds to the report titled “Updating Transportation Impacts Analysis in the CEQA Guidelines” written by the Office of Planning and Research (OPR) dated August 6, 2014 (hereafter called the “Draft Guidelines”).

We represent over 2,000 California members of the Institute of Transportation Engineers (ITE), an international society of transportation engineers and planners. These members conduct transportation analysis for environmental documents under CEQA, and in some cases the National Environmental Policy Act (NEPA), and we understand the purpose of these analyses to identify potential environmental impacts.

Our purpose in writing this letter is to provide recommendations for revisions to the Draft SB 743 Guidelines in order to achieve a more successful implementation of SB 743. Included are a summary of key comments followed by a list of all of our comments on the Draft Guidelines.

#### SUMMARY OF KEY COMMENTS

We believe that the following key issues should be resolved prior to the issuance of final guidelines for the implementation of SB 743:

2014 - 2015 Officers

Carlos Ortiz, President  
Cathy Leong, Vice President  
Mark Spencer, Secretary-Treasurer  
Karen Aspelin, Past President

Monica M. Suter, International Director  
Jenny L. Grole, International Director  
Jennifer Rosales, International Director

## **Meetings held during this reporting period:**

*Purpose: January Vendor Show (Topic: Caltrans Interest in Connected / Automated Vehicles)*

*Date: January 17, 2014*

*Location: DoubleTree Hotel, Ontario Airport*

*Attendance: 140*

The guest speaker for this event was Mr. Greg Larson the Office Chief of Caltrans Office of Traffic Operations Research. His presentation, entitled “Caltrans’ Interest in Connected/Automated Vehicles”, began with a summary of the challenges that are present in transportation today.

Mr. Larson prioritized maintaining safety, increasing mobility, and lowering effects to the environment as the top challenges in transportation to date. He then followed with a discussion on the vision of connected vehicles utilizing Dedicated Short Range Communication (DSRC) in transportation. He explained to fully and effectively integrate 5.9 GHz DSRC technology, Caltrans will need to install new or retrofitted infrastructure to accommodate for the connectivity and communication between these vehicles. The connected vehicles would be able to communicate with surrounding infrastructure via Wi-Fi radio technology at a low cost. The DSRC’s primary function is to relay data between vehicles and infrastructure to help improve safety such as vehicle position, speed, heading, acceleration, size, braking status, and a wide range of safety, mobility, and environment apps at the driver’s disposal.

Mr. Larson discussed that connected vehicles should be a prerequisite for automated vehicles technology. He illustrated that automated vehicles have various levels in which the technology can provide to the driving experience for drivers. Starting with level 0 being non-automated where the vehicle requires full-time performance by the human driver all the way up to level 5 where the full-time performance is by an automated driving system. Essentially, level 5 vehicles are virtually automated taxi where no driver would be needed. He acknowledged that we are a long way from achieving level 5 automated vehicles.

Mr. Larson concluded that many decisions must be made before fully integrating connected/automated vehicles into traffic. Some considerations include the balance between vehicles and infrastructure, and whether to have mixed or segregated automated operation between non-automated and automated vehicles.



*Purpose: February Luncheon (Topic: A Panel Discussion Design / Build: a Designer's Perspective)*

*Date: February 20, 2014*

*Location: Old Spaghetti Factory, Rancho Cucamonga*

*Attendance: 35*

The guest speakers for this meeting were Mr. Doug Smith of URS and Ms. Cheryl Donahue of Arrelanos and Associates. Mr. Smith defined Design-Build as a project delivery method which overlaps preparation of Plans, Specifications and Engineering Estimates with construction. Design-Build can be expected to reduce project cost by 6.1%, construction time by 12%, and project delivery time by 33.5%.

Mr. Smith also discussed the Interstate 215/Interstate 15 Interchange Improvement Project, in Devore, that is expected to start construction in the Summer of 2014. The design and contractor team was selected using the Best Value selection process with the teams being ranked according to their qualifications, schedule, design, price, maintenance of traffic, and safety plans.

Ms. Donahue provided an overview of the SR-91 Design-Build project, currently under construction. This project will extend the express lanes eastward on the 91 freeway and also provide improvements and widening throughout the corridor ending in the City of Corona. The \$664 Million project will be the first introduction of express lanes into Riverside County with the lanes expected to open in 2017. The owner of this particular project, Riverside County Transportation Commission, used 21 Advanced Transportation Controller (ATCs) for the design of the project and was able to save three to four years in the delivery of the project thanks to the Design-Build method.



*Purpose: March Luncheon (Topic: 31<sup>st</sup> RSBITE Annual Golf Tournament)*

*Date: March 21, 2014*

*Location: Menifee Lakes Country Club, Menifee*

*Attendance: 75*

Our 31<sup>st</sup> RSBITE Annual Golf Tournament was once again a great success! This year we had 72 golfers and 75 for our Mexican style lunch buffet. Our golf tournament followed a “best ball format” which speeds up the game and allows team members to take advantage of their best shot played.

Our golf tournament was a success thanks to people who took the time to play and volunteer. Deepak Ubhayakar and Kimberly Raub (DDL Traffic, Inc.) helped checking in golfers. Dan Eichmann (DDL Traffic, Inc.) took pictures.

Each year we have students from ITE Cal Poly Pomona (CPP) student chapter sell merchandise as a fund raising event to help offset costs for students to attend professional meetings. This year we had five students from ITE CPP at hole # 17 selling t-shirts. Hector Salcedo, president, shared at lunch time that they had generated \$145 in proceeds. The money will be used to sponsor student members to attend the District 6 meeting.

A special thanks goes to Mike Girardot, President of RodeFX, for sponsoring the golf trophies and medals. Additionally, a special thank you to each consultant and/or vendor who donated raffle prizes. This year J.R. had a nice variety of prizes to raffle off.



*Purpose: April Luncheon, an ASCE Joint Meeting (Topic: Complete Streets, the LADOT's way through Great Streets and People Streets)*

*Date: April 17, 2014*

*Location: Old Spaghetti Factory, Rancho Cucamonga*

*Attendance: 48*

The April meeting was held jointly with ASCE's Riverside-San Bernardino Section. The guest speaker was ITE's International Past President Zaki Mustafa, who discussed his experiences with Complete Streets. He began by reaffirming that the work that we do as engineers has a direct impact on people health and the constituents in our communities. He emphasized how important it is to create and re-establish vibrant streets to our communities and to improve the standard of living for the people that use them. Providing places to eat, shop, and "hang out," while making the streets accessible to bikes, cars, pedestrians, and transit, were mentioned as examples.

Mr. Mustafa referenced the new National Association of City Transportation Officials (NACTO) Urban Streets Design Guide. He stated that though the NACTO guidelines are not yet approved by AASHTO, they are still useful to practitioners. He then followed with examples of Complete Streets projects, which LADOT has termed "Great Streets." For example, a road diet and streetscaping project on South Broadway between 3rd and 4th St in the City of Los Angeles converted the area into a place where people could sit and eat. He also presented examples of "parklets," which re-purposes on-street parking as open space for use by pedestrians and commercial patrons.

First annual joint meeting with ASCE's Riverside-San Bernardino Section was a success! Section members were delighted with Mr. Mustafa presentation and his knowledge about Complete Streets.



*Purpose: May Luncheon (Topic: Student Presentation)*

*Date: May 15, 2014*

*Location: Bombay Restaurant, Ontario*

*Attendance: 52*

The May meeting continued the practice of student presentations, allowing students and practitioners the opportunity to mingle and see each other's work firsthand. This year's presenters were students from Cal Baptist University, Cal Poly Pomona, and UCLA and presented the following:

- UCLA presented data and findings from a parking accumulation study performed at Whole Foods markets in Los Angeles.
- Cal Baptist University discussed analysis of environmental impacts of the California High Speed Rail project.
- Cal Poly Pomona presented analysis of interchange improvement alternatives for Franklin Street and Railroad Canyon Drive on Interstate 15 in Lake Elsinore.

All three schools gave excellent presentations and the judges were left with the tough task of ranking the schools according to their presentations. After the scores were tallied it was announced that 1<sup>st</sup> place went to Cal Poly Pomona, 2<sup>nd</sup> place went to UCLA, and 3<sup>rd</sup> place went to Cal Baptist University. Each school was able to collect a cash prize for their efforts courtesy of RSBITE.



*Purpose: June Luncheon (Topic: RSBITE Business and Election Meeting)*

*Date: June 19, 2014*

*Location: Dave and Busters, Ontario Mills Mall*

*Attendance: 46*

RSBITE held their annual Business/Election Meeting at Dave and Buster's at the Ontario Mills Mall.

The Secretary/Treasurer, Gianfranco Laurie, gave a year-end status report of the financials of RSBITE. The Social Chair, JR Morgan, discussed the Section's 31<sup>st</sup> annual golf tournament. The Program Chair, Dr. Mohammad Qureshi, summarized the year's luncheon topics. The Legislative Chair, Anwar Wagdy, summarized bills of importance to the Section.

President Jonathan Hofert briefed attendees on development of the Section's new Web site. He then announced the following award winners:

- Bowen Yang, a student at Cal Poly Pomona, was awarded the 2014 Complete Streets Student Scholarship for his thorough understanding and vision of complete streets.
- The City of Rancho Cucamonga was awarded the Complete Streets Agency of the Year Award for their Route 66 Trailhead Project.

Carlos Ortiz, Western District Vice President, provided an update on District activities for the membership. He then swore in the new RSBITE Board.



*Purpose: September Luncheon (Topic: Omnitrans sbX Bus Ride)*

*Date: September 16, 2014*

*Location: Bus Ride & Walk to Meeting Location, San Bernardino*

*Attendance: 35*

The September meeting featured representatives of Omnitrans, the San Bernardino transit agency, briefing attendees on the recently-completed sbX Bus Rapid Transit project. RSBITE and Omnitrans arranged for a free ride on the BRT line: Attendees could park at a park-and-ride lot, hop on the bus, and walk to the meeting site one block from a BRT station.

Mr. Ramirez described design features of both the buses and the stations, which feature at-grade loading. The line is 15.7 miles in length, with 16 sbX stations, which are a blend of center stations and curb stations. Free Wi-Fi, cell phone charging ports, and interior bike racks are provided for patrons.

Mr. Jacob Harms discussed the technological components of the system, including the provision of Wi-Fi service, real-time boarding and alighting data, “next bus” arrival time prediction, priority service at traffic signals, and security video both on-board and at the stations. The sbX line requires 15 minutes less time to traverse the corridor than the similarly routed regular-service line (which has remained in service).



*Purpose: October Luncheon (Topic: The Board of Professional Engineers and You)*

*Date: October 16, 2014*

*Location: Old Spaghetti Factory, Rancho Cucamonga*

*Attendance: 48*

For this meeting, RSBITE warmly welcomed our very own Secretary/Treasurer Dr. Mohammad “Dr. Q” Qureshi alongside Mr. Mike Donelson as they gave a very informative presentation on professional licensing. Dr. Q serves as an appointed member on the Board of Professional Engineers, Land Surveyors, and Geologists (BPELSG), and Mr. Donelson serves as one of three senior registrars for the BPELSG.

Dr. Q began the presentation defining what the BPELSG does, its structure, and its purpose for being established. He clearly explained the vision of the BPELSG is above all to protect the public. Dr. Q went on to list the objectives the BPELSG established as part of its strategic plan published this past summer.

Some of the key objectives that RSBITE members can become involved in are:

- Develop fact sheets to help licensees and the public understand what licenses entail
- Reach out to universities to educate students about becoming licensed after graduating from their respective fields of study
- Participate in exam development

Mr. Donelson continued the presentation by discussing the application process for licensure. He reminded the attendees that the applicant must have the mindset that they are applying to become licensed, not to sit for an exam. He briefly went over the path an engineer may take in becoming a licensed PE. He started by explaining the requirements to sit for the Fundamental of Engineering Exam, which requires three years of educational experience from an accredited institution and three years of engineering related work experience, or a combination of both. Mr. Donelson confirmed that the FE Exam is now completely computer based and the exam dates are offered within a two-month period on a “first-come, first-served” basis. With this new exam format, examinees are able to receive their test results in a matter of weeks rather than months.



*Purpose: November Luncheon (Topic: Alleviate Congestion and Improve Safety around College Campus – Applying the “Five E’s”)*

*Date: November 5, 2014*

*Location: The Restaurant at Kellogg Ranch, Cal Poly Pomona*

*Attendance: 102*

The November luncheon was held jointly with the Southern California Section, at Cal Poly Pomona’s Kellogg Ranch Restaurant. The guest speaker was the City of Pomona’s Ronald Chen, who presented the application the “5 E’s” (Evaluation, Engineering, Education, Encouragement, and Enforcement) to a local project designated to alleviate congestion and improve safety around the Cal Poly campus.

A City evaluation showed the intersection of Temple Avenue and South Campus Drive to be the busiest intersection in Pomona. Accordingly, the City undertook a project to improve operations. by creating a bus turnout and adding surveillance and control capability. Engineering was supplemented by education and education, through outreach to students to encourage walking. Enforcement was provided by Pomona Police, who monitored the intersection after the implementation of the completed project.



*Purpose: December SoCal ITE/OCTEC/RSBITE Holiday Mixer*

*Date: December 10, 2014*

*Location: Los Coyotes Country Club, Buena Park*

*Attendance: 100+*

SoCal ITE, OCTEC and RSBITE jointly held their 2nd Annual Holiday Mixer event on December 10 at Los Coyotes Country Club in the City of Buena Park. The holiday event was Casino themed where attendees were able to play dice and card games for chips that were redeemable for raffle tickets. A generous number of raffle prizes were won by the attendees. Some prizes included a 29" flat screen TV, an Apple iPad Mini, an AppleTV, a Keurig coffee brewer, and vacation passes to Las Vegas, NV. Many laughs and memories were exchanged which always constitutes for a good time!



### ***Student Chapter Activities during this reporting period:***

The Riverside/San Bernardino Section was recognized as an Emerald-level group contributor to the Student Endowment Fund. RSBITE along with other contributors will be recognized at the next Annual Western District meeting in Las Vegas 2015.

The Section has undertaken other student initiatives such as the following:

- Donating space for student chapters to fundraise at the Section's vendor show
- Sponsoring and speaking at local student chapter meetings
  - Daniel David - November 2014
  - Gianfranco Laurie - March 2014
  - Jonathan Hofert - January 2014
- Advising Senior projects

### ***Awards Presented during this reporting period:***

The Riverside/San Bernardino Section assembled a committee to review nominations submitted for the 1<sup>st</sup> Annual Public Agency of the Year Award. The Section received nomination forms for the 2014 RSBITE Complete Streets Agency of the Year Award, which recognized one public agency that has made a significant contribution toward Complete Streets in Riverside or San Bernardino County. The committee selected the City of Rancho Cucamonga for their Route 66 Trailhead Project. The award was presented at the Section's Annual Business Meeting in June.



Jason Welday, Rancho Cucamonga City Traffic Engineer accepting the Complete Streets Agency of the year award