SBCTA: Thinking Outside the Box – DDI’s, Roundabouts, Express Lanes

Join RSBITE as we welcome Tim Byrne as he will highlight SBCTA projects such as the I-215/University Avenue interchange, I-215/Barton Road and the I-10 Express Lanes where outside of the box thinking has resulted in infrastructure improvements that focus on maximizing system efficiency without sacrificing safety and cost.

As the Project Delivery Manager for the San Bernardino County Transportation Authority (formerly SANBAG), Tim coordinates with local and regional partners to facilitate the delivery of transportation infrastructure projects throughout San Bernardino County. These include freeway, interchange, grade separation, arterial, pedestrian and bicycle projects that enhance mobility throughout the county. In his role at SBCTA, he will update policy pertaining to project delivery to ensure much needed improvements are delivered effectively and efficiently. Tim graduated from UC Irvine with Bachelor’s and Master’s Civil Engineering degrees and from CSU Long Beach with a Master’s in Public Administration and is a licensed Civil Engineer.

RSVP using the Eventbrite link: https://www.eventbrite.com/e/2018-rsbite-february-meeting-registration-42439989150

**WHEN**
Thursday, February 15th

**WHERE**
Zendejas Mexican Grill, Seafood & Spirits
8106 Milliken Avenue
Rancho Cucamonga, CA 91730

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**FEBRUARY MEETING**

Schedule
11:30 am  Registration and Social
12:00 pm  Business and Lunch
12:30 pm  Presentation

Menu:
Lunch Buffet and Soft Drink
2017-2018 RSBITE SECTION OFFICERS

PAST PRESIDENT:
DR. MOHAMMAD QURESHI, P.E., T.E.
County of Glenn
(530) 934-6530
drq@countyofglenn.net

SECRETARY/TREASURER:
MAHMOUD KHODR, P.E., P.T.O.E.
City of San Bernardino
(909) 384-7251
Khodr_ma@sbcity.org

2017-2018 RSBITE SECTION CHAIRS

CORPORATE SPONSORSHIP CHAIR
CARLA DIETRICH
Michael Baker International
Office Phone: (909) 974-4908
CDietrich@mbakerintl.com

VICE PRESIDENT:
TRACY MORIYA
Advantec Consulting Engineers, Inc.
(909) 860-6222 ext. 107
tracymoriya@advantec-usa.com

SOCIAL CHAIRS
JR MORGAN
County of Riverside –Retired
Home Phone: (951) 780-8435
jrnshirley@charter.net

DENNIS ACUNA, P.E.
County of Riverside Transportation
Office Phone: (951) 955-6820
dacuna@rctlma.org

SECRETARY/TREASURER:
MAHMOUD KHODR, P.E., P.T.O.E.
City of San Bernardino
(909) 384-7251
Khodr_ma@sbcity.org

PROJECT CHAIR
HERNANDO COTANGCO, P.E.
City of San Bernardino
Office Phone: (909) 384-5253
Cotangco_He@SBCity.org

WEBMASTER
JONATHAN HOFERT, P.E., T.E., PTOE
Los Angeles County Metropolitan Transportation Authority
Office Phone: (913) 922-8839
hofert@metro.net

PROGRAM CHAIR
HERNANDO COTANGCO, P.E.
City of San Bernardino
Office Phone: (909) 384-5253
Cotangco_He@SBCity.org

NEWSLETTER EDITOR
ANDREW OSAKI, E.I.T.
KOA Corporation
Office Phone: (909) 890-9693
aosaki@koacorp.com

VENDOR LIASON
ELIZABETH AZIZ
Polara
Office Phone: (714) 5950588
LAziz@polaraent.com

MEMBERSHIP CHAIR
Vacant

WEBCHAIR
MING GUAN, P.E., T.E.
KOA Corporation
Office Phone: (909) 890-9693
mguan@koacorp.com

LEGSITIVE CHAIRS
ANWAR WAGDY, P.E.
Albert Grover & Associates
Office Phone: (951) 536-4722
awag007@yahoo.com

TONY SALAS, E.I.T.
Michael Baker International
Office Phone: (909) 974-4945
TSALAS@mbakerintl.com

STUDENT CHAPTER LIAISON CHAIR
BRANDON WONG
LADOT
Office Phone: (323) 957-6823
Brandon.wong@lacity.org

HISTORIAN
BRETT CRAIG
Riverside County Transportation Dept.
Office Phone: (951) 955-6819
brcraig@rctlma.org
The January RSBITE meeting/Vendor Show was held at the Double Tree Ontario Airport. The topic of the presentation was “Redefining Mobility” presented by Timothy Haile. The focus of the presentation was on Contra Costa Transportation Authority and the GoMentum Station, located at the Concord Naval Weapons Station.

The Contra Costa Transportation Authority (CCTA) is developing a Countywide Transportation Plan as an ecosystem that supports technology and connected mobility. The plan will entail developing an electric vehicle readiness plan and countywide connected data center. The Autonomous vehicles and GoMentum Station are just one component of overall program.

The GoMentum Station located at the Concord Naval Weapons Station is an autonomous vehicle (AV) testing site. Currently this global project includes a signed agreement with New Zealand, Australia, Singapore and the Country of Contra Costa to share information about Shared Autonomous vehicles. Our GoMentum Station is a Department of Transportation (DOT) designated testing site with more than 5,000 acres of which 2,100 acres are currently available for testing.

We looked all over the world for the most advance technology and found the Easymile shuttle. The Easymile Shuttle Class 4 Autonomous Vehicle, one which does not have a Steering Wheel, Brake Pedal, or gas pedal will soon be operating on public roads, the first in California. We are testing at Bishop Ranch, First Transit is the operator, and BestMile is develop route optimization on demand mobile application. Stantec is our strategic partner to develop the testing plans and project delivery. Bay Area Air Quality Management District provides for funding with a commitment to deploy 97 shuttles by the 2020 in Contra Costa. CCTA is working closely with local city staff and enforcement to develop testing plans, received exception from NHTSA to test on public roads the first for Class 4 AVs in California. Next step is to obtain a license plate from DMV to test on public roads.

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**SOCIAL MEDIA SPOTLIGHT**

Our 2018 Vendor Show was amazing as usual! Thank you to our guest speaker Tim Haile, Deputy Executive Director of Contra Costa Transportation Authority. It was also announced that the 2022 WesternITE Annual Meeting will be held in Palm Springs! Congratulations to all who participated in making this happen! #westernite #annualmeeting#rsbite #vendorshow

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2018 RSBITE Vendor Show
Thank you!
To the following companies represented
And also to those who donated raffle prizes:

A special thank you to the following sponsors:

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On January 1 of this year California has become the sixth state to allow licensed shops to sell recreational marijuana. Under the new law, marijuana can be consumed in homes or other private places and at a limited number of cannabis lounges. Just as with alcohol, it is illegal to consume marijuana while driving, or to drive while under the influence of marijuana. Marijuana continues to be illegal under federal law.

How has marijuana legalization impacted traffic accidents in other states where the substance has previously been legalized? Use of recreational marijuana was legalized in Colorado in 2012. According to a recent article in the Denver Post, from 2013 to 2016 there has been a 40% increase in the number of all drivers involved in fatal collisions in Colorado. The number of drivers involved in these fatalities and who tested positive for marijuana use has jumped 145% from 47 in 2013 to 115 in 2016. This number may be higher because state law does not require coroners to test deceased drivers for marijuana use.

Washington is another of the first states to legalize recreational marijuana. According to NHTSA, both Colorado and Washington have seen similar trends in the number of traffic fatalities in which drivers test positive for marijuana.

Unlike alcohol which offers decades of scientific research and traffic data toward an understanding of its impact on a person’s ability to drive, no one is really sure how marijuana impacts the cognitive functions necessary to drive a car safely, or how much is too much for different people, or how cognitive abilities are affected by the means of ingestion.

One of the problems in dealing with cannabis impaired drivers is the difficulty of measuring the degree impairment in the field. In order to charge a driver with driving under the influence, first, a police officer must observe signs of impaired driving. Then the driver must be transported to a location where a blood test can be done by a phlebotomist. The blood test will show the concentration of THC in the driver’s blood system.

ITE has adopted the Vision Zero strategy to eliminate all traffic fatalities and severe injuries while increasing safe, healthy and equitable mobility for all. It is focused on the elimination of traffic fatalities and serious injuries, not just the reduction. The new California marijuana laws are clearly a major challenge to our organization’s efforts to implement this strategy.

In confrontation with the onslaught of a prospective significant increase in traffic accidents and fatalities resulting from the legalization of recreational marijuana, it is frustrating that we as traffic professionals can do little to immediately mitigate this problem.

However, municipal traffic engineers and planners may be of help by focusing on road safety management practices, specifically by ongoing monitoring of traffic collisions. In California the primary tool utilized for tracking traffic collisions is the Statewide Integrated Traffic Records System (SWITRS) maintained by the California Highway Patrol. The standard reports that are generated by the SWITRS database currently do not specifically identify THC impairment as a traffic collision factor. In light of the current legislative changes, it should be imperative that SWITRS protocols be modified to track for the impact of recreational marijuana use.

I urge the local ITE chapters and our district leadership to work with other concerned parties such as municipal law enforcement and the CHP to ensure that the tracking capabilities are in place to measure the impact of recreational marijuana legalization on traffic safety.

About the author: Craig Neustaedter is a California registered traffic engineer and a member of the American Institute of Certified Planners. He is president of the transportation consulting firm, TEP. He works as a consulting traffic engineer to several public agencies in Southern California, and as an expert witness on traffic matters.
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Michael Baker INTERNATIONAL
The Institute of Transportation Engineers
Riverside – San Bernardino Section
Invites you to play in our

35th ANNUAL GOLF TOURNAMENT

| When:     | Friday, March 16, 2018 at 8:00 am - Shotgun Start, Scramble Format |
| Where:    | Menifee Lakes Country Club |
|          | 29875 Menifee Lakes Dr. Menifee, CA (951) 672-4824 |
|          | I-215 to Newport Rd. East on Newport Rd to Menifee Lakes Dr. |
|          | WWW.Menifee-Lakes.com |
| Who:      | Everyone is welcome to play. You need not be a member to participate. |
|          | Dress Code: Slacks or Bermuda-length shorts only. NO Denim. Shirts must have collars. |
| Cost:     | $75- Early bird special if received on or before Monday March 5, 2018 |
|          | $85- if received by deadline date Friday March 9, 2018 |
|          | Includes green fee, cart, and buffet lunch. |

Golfing Awards and Raffle prizes will be made possible by money and items donated by our vendor and consultant friends. Each golfer who signs up for the tournament will be entered into a raffle for two awesome prizes.
Questions ?? contact JR Morgan (951) 780-8435

Make checks payable to “RSBITE” and send to:

JR Morgan
7182 Westport St.
Riverside, CA 92506

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List Names of Golfers You Will Be Playing With

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