



# TBITE Quarterly

Volume 10, Issue 2

Q3 2012

## PRESIDENT'S MESSAGE

Kenneth Siu, P.E.  
*Albeck Gerken Inc.*

As we begin to head into the end of the year, there are still several exciting events that we hope our TBITE membership will be able to attend. First, the *23<sup>rd</sup> annual Tampa Bay Transportation Supersession* is scheduled to take place on September 27 at the Tampa Convention Center. This year's theme, *Get Smart – CPR and Smart Plans Overview*, will be headlined by Secretaries Billy Hattaway, P.E. of District 1 and Donald Skelton, P.E. of District 7. We are anticipating this event to be very exciting and hope that all of our members will be able to attend.

TBITE also will be planning another social/networking event in early October, while Transpo 2012 will be held October 28-31 in Bonita Springs. We are also in the midst of scheduling a Laws & Rules session in November for all those members in need of PDH credits. Finally, we will round out 2012 with our TBITE annual meeting on Thursday November 29.

I'd also like to take this opportunity to remind our members that nominations for the TBITE Secretary position for 2013 will be announced shortly and encourage you to consider running for office. If you've been looking for a way to give back to the transportation community or just interact with more of your peers and local transportation professionals, there is no better way than to join the TBITE Executive Board or to volunteer as a committee chair.

Thank you for a great year so far, and I look forward to seeing all of you at our upcoming events!

## 2012 TBITE EXECUTIVE BOARD

### PRESIDENT

Kenneth Siu, P.E.  
[ksiu@albeckgerken.com](mailto:ksiu@albeckgerken.com)

### VICE PRESIDENT

Joseph Grimail, P.E.  
[jgrimail@gc-inc.com](mailto:jgrimail@gc-inc.com)

### SECRETARY

Erbie Garrett, P.E., PTOE  
[egarrett@garrettenggroup.com](mailto:egarrett@garrettenggroup.com)

### TREASURER

Sara Chambers, P.E.  
[sara.chambers@hdrinc.com](mailto:sara.chambers@hdrinc.com)

### PAST PRESIDENT

Patrick O'Connor, P.E.  
[poconnor@albeckgerken.com](mailto:poconnor@albeckgerken.com)

## ISSUE HIGHLIGHTS

Please contact Ken Siu at [ksiu@albeckgerken.com](mailto:ksiu@albeckgerken.com), or Erbie Garrett at [egarrett@garrettenggroup.com](mailto:egarrett@garrettenggroup.com) with suggestions for the next TBITE Quarterly!

1	President's Message	3, 4	TBITE Luncheon Presentation
1	2012 Executive Board	5, 6	Pedestrian Safety Issues
2	TBITE Committees	7	USF Chapter Report
2	Keith Crawford Student Scholarship Fund	8-10	Announcements
2	Upcoming Events	11	Newsletter Sponsors



## 2012 MEMBERSHIP DUES

It's that time of year again to renew your Tampa Bay Chapter ITE membership. All national members of ITE and those who were on our e-mail distribution list last year will receive the updated form. If you or someone you know hasn't received a form please contact one of the TBITE Executive Board Members for an application!

## 2012 CORPORATE SPONSORSHIP

*Wouldn't your company's logo look good in this newsletter!* The applications will be going out with the membership information so make sure the proper marketing/management person in your organization is aware of the great opportunities available to sponsor TBITE in 2012 and beyond!

## GET INVOLVED WITH TBITE!

**On-Site- & Pre-Meeting Coordination:**  
Karddy Rodriquez, E.I., Icon

**Scholarship/Fundraising Committee:**  
Volunteer for 2012!

**TBITE Annual Awards Banquet Committee:**  
Volunteer for 2012!

**Website Master:**  
Alex Anaya, P.E., PTOE, Grimail  
Crawford, Inc  
[aanaya@gc-inc.com](mailto:aanaya@gc-inc.com)

**Events Committee:**  
Rachel Cantor, RC Associates, LLC  
[rachel@rcassociatesllc.com](mailto:rachel@rcassociatesllc.com)

**Activities Committee:**  
Volunteer for 2012!

## UPCOMING EVENTS

**2012 Transportation Supersession**  
September 27, 2012

**TBITE Social**  
Bar Louie, International Mall  
October 25, 2012

**TRANSPO 2012/FSITE 50<sup>th</sup> Anniversary**  
Celebration  
October 28-31, 2012

**TBITE Laws & Rules Work Session**  
November, 2012 (details to follow)

**TBITE 2012 Annual Banquet**  
December 6, 2012

## 2012 TBITE MEMBERSHIP

## KEITH CRAWFORD STUDENT SCHOLARSHIP FUND

In 2011, due to our generous member donations, TBITE was able to award a \$1,000 scholarship to Jodi Smith from USF. We would like to let you all know that anyone can make a donation to this fund and it is tax deductible. All donations are greatly appreciated and will be recognized at the TBITE Annual Banquet. Please contact Sara Chambers [sara.chambers@hrdinc.com](mailto:sara.chambers@hrdinc.com) to make a donation to the scholarship fund.

Thank you!



## 2012 SECOND QUARTERLY LUNCHEON - COURTNEY CAMPBELL CAUSEWAY MULTI-USE TRAIL

May 31st, 2012 at the Rusty Pelican

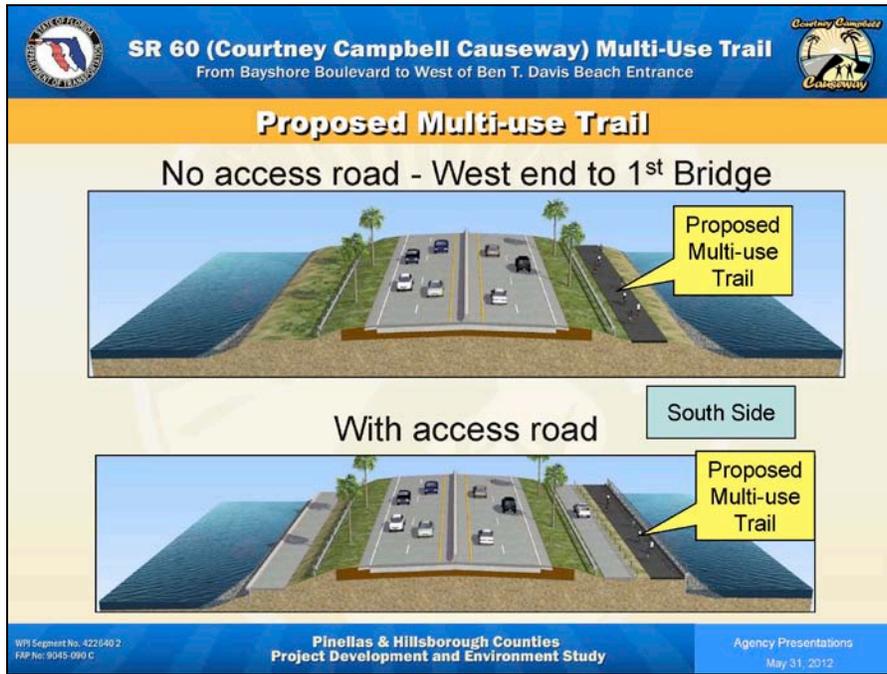


Last May we had the great fortune of being able to have District Seven Project Manager, Gordana Jovanovic, join us as a guest speaker at our second luncheon of the year. Ms. Jovanovic was able to share with us her experiences, issues and challenges that were involved with the Courtney Campbell Causeway Multi-Use Trail Project.

Her presentation included 16 slides on various issues that arose during the design of the project. Ms. Jovanovic discussed The Trail Feasibility Study, The Regional Long Range Trail Plan – which emphasized the need for Network Trail Connectivity and the how the other existing and planned trails tied into the project. The presentation also addressed certain design issues and the overall anticipated cost of the project. The project is going to construction in 2012/2013.

Photos of the existing conditions and renderings of proposed scenarios were displayed in the slide presentation in order to give the audience a better understanding of the project.

The following slides are a few key points of the presentation -



*The Proposed Typical Sections (Above)  
Rendering of the proposed Trail Bridge (Below)*



The presentation was very visual, colorful and informative. Once again we would like to thank Ms. Jovanovic for taking time out of her busy schedule to address our second TBITE luncheon of 2012 and the Florida DOT for participating with TBITE !



## MISCELLANEOUS PEDESTRIAN SAFETY INFORMATION

### Pedestrian Safety at Intersections

Although intersections represent a very small percentage of U.S. surface road mileage, more than one in five pedestrian deaths is the result of a collision with a vehicle at an intersection. Annually, an average of 5,381 pedestrians died in traffic crashes between 1990 and 2002.

#### Overview

The Year 2002 National Highway Traffic Safety Administration's pedestrian crash facts are as follows:

- 4,808 pedestrians were killed;
- 
- 1,046 pedestrians, or 22 percent, of all pedestrians were killed at intersections;
- 71,000 pedestrians were injured;
- 31,000 pedestrians, or 44 percent, of all pedestrians were injured at intersections;
- A pedestrian is **killed or injured** in an intersection traffic crash every 16 minutes;
- 13 percent of pedestrian fatalities at intersections occur at night (between the hours of 6:00 p.m. and 6:00 a.m.);
- Pedestrians involved in crashes are more likely to be killed as vehicle speed increases. The fatality rate for a pedestrian hit by a car at 20 mph is 5 percent. The fatality rate rises to 80 percent when vehicle speed is increased to 40 mph;
- People aged 70 and older account for 17 percent of all pedestrian fatalities;
- 
- People aged 65 and older have about 2.5 as many pedestrian deaths per 100,000 people as younger groups; and
- 36 percent of pedestrian deaths among those aged 65 and older occurred at intersections. This compares to 20 percent for people of other ages.



## MISCELLANEOUS PEDESTRIAN SAFETY INFORMATION – CONTINUED

### PEDESTRIAN SAFETY COUNTERMEASURES

The following could be possible pedestrian safety countermeasures for crosswalk improvements and intersection design/ physical improvements -

#### CROSSWALK IMPROVEMENTS

- Use a ladder or cross-hatched pattern that is more visible to motorists;
- Use “Pedestrian Crossing” warning signs with pedestrian-actuated flashing beacons, which alert oncoming traffic to pedestrians in the crosswalk;
- Move the vehicle STOP line farther back from crosswalk AND add STOP HERE FOR PEDESTRIANS sign;
- Install raised crosswalks;
- Sign and mark crosswalks. For greatest effectiveness, include curb ramps or curb extensions;
- Use in-pavement lights to alert motorists to the presence of a pedestrian crossing or when someone is preparing to cross the street. (Transportation professionals should review the Chapter 4L of the MUTCD that provides guidance on the use of in-pavement lights at crosswalks);
- Consider using MUTCD Sign R1-6: STOP FOR PEDESTRIANS or YIELD TO PEDESTRIANS signs can be placed at crosswalks without signals in central business districts and other areas of high pedestrian activity to reinforce and remind drivers of the laws regarding the right-of-way of pedestrians; and
- MUTCD Sign R1-5(a): YIELD HERE TO PEDESTRIANS signs are for use in advance of unsignalized marked mid-block crosswalks.

#### INTERSECTION DESIGN/PHYSICAL IMPROVEMENTS

- Install barriers such as fences or shrubs to discourage pedestrians from crossing at unsafe locations;
- Install bulb-outs at intersections to reduce pedestrian crossing distance;
- Provide wide refuge islands and medians;
- Construct pedestrian overpasses/underpasses;
- Install raised medians; and
- Reduce corner radii.



## USF ITE STUDENT CHAPTER SUMMER REPORT

*Ms. Sherrell Lall*  
*Secretary, USF ITE Student Chapter*

The Institute of Transportation Engineers Student Chapter at University of South Florida continues to achieve milestones in their accomplishments.

In the District 10 Traffic Bowl competition held in Daytona Beach on June 14, our team triumphed over four other university teams and took the first place. The team was comprised of graduate students **Kyle Taniguchi**, **Menna Yassin**, **Lyndonia Smith** and alternate **Qing Wang**, current USF ITE Student Chapter president. They will now head to Atlanta to represent the district at the Annual ITE Conference in August.



The USF ITE chapter has also been busy here in Tampa. In June, the chapter took a tour of the landside and airside at Tampa International Airport. On the tour, they were able to view the baggage claim area & system, the fire station, and communications center. The tour also included a bus ride where students got to see various hangars, the runway, fuel containers, the air traffic control tower, and various lighting and markings to help the pilots take off and land safely.



The chapter also participated in the spring TBITE meeting which was held back in May 31<sup>st</sup> at the Rusty Pelican. The students that attended enjoyed the lively discussions and networking opportunities that were provided at the event. Shown in picture are: **Daniel Vasquez**, **Kyle Taniguchi**, **Joe Grimail** (TBITE Vice President), **Menna Yassin**, **Kimberly Tillman** and **Qing Wang**.

At the end of the spring semester, we transitioned to a new officer team. The incoming officers would like to extend their heartfelt appreciation to the former USF ITE officers for their continued support and guidance as well as TBITE, who has continued to support our chapter. We look forward to a new and challenging semester ahead as well as increased collaboration with TBITE.



## KEITH A. CRAWFORD TRANSPORTATION SCHOLARSHIP

The Tampa Bay Chapter of the Institute of Transportation Engineers is proud to announce the annual educational scholarship. The Tampa Bay Chapter is committed to assisting in preparing the Tampa Bay area's brightest minds for careers in transportation.

### Eligibility Requirements

The TBITE Transportation Scholarship competition is open to any current USF student who meets the following qualifications:

- Any junior or senior (completed 48 credit hours or more) full time student enrolled in the BSCE program of the USF Department of Civil and Environmental Engineering with an interest in a career in transportation.
- Students must have completed at least one semester at USF.

### Application Process

Applicants should submit a complete application package to the following address no later than 5:00 PM on Friday, October 26, 2012. Emailed and faxed applications will not be accepted.

Kenneth Siu, PE  
TBITE President  
c/o Albeck Gerken, Inc.  
1911 N. US 301, Suite 410  
Tampa, FL 33619  
813 319-3790 tel  
[ksiu@albeckgerken.com](mailto:ksiu@albeckgerken.com)

### Amount of Scholarship/Announcement of Award

The TBITE Transportation Scholarship is awarded once annually in the amount of \$500. This year's recipient will be announced on Friday, November 23, 2012 and will be recognized at the TBITE Annual Awards Banquet on December 6, 2012.

For further information, contact Kenneth Siu at [ksiu@albeckgerken.com](mailto:ksiu@albeckgerken.com)

***(The actual scholarship application will be sent out in a separate email soon!)***



## TBITE 2012 Awards - Coming Soon

We will soon be soliciting nominations for the following honors:

***(The actual nomination form for the awards will be sent out in a separate email soon!)***

**Transportation Professional of the Year** - This award will recognize outstanding contributions to Tampa Bay ITE and to the transportation profession. This individual *must be a Tampa Bay ITE member* and must have demonstrated advancements in the transportation profession through leadership, administration, practical application of transportation principles, training or research and development.

**Young Transportation Professional of the Year** - This award will recognize outstanding contributions to Tampa Bay ITE and to the transportation profession. This individual *must be a Tampa Bay ITE member* under the age of 35 and must have demonstrated advancements in the transportation profession through leadership, administration, practical application of transportation principles, training or research and development.

**Project of the Year** - This award is to recognize an outstanding transportation project that has applied innovative techniques and successful implementation. This award is open to design, construction, planning and operations project that have been completed or adopted in 2011 or 2012.

Awards will be presented at our annual banquet to be held on December 6, 2012 at the Westshore Marriott! Mark your calendars now; more details to follow.





## TBITE SECRETARY NOMINATION...COMING SOON

*(The actual nomination form will be sent out in a separate email soon!)*

It will soon be that time of the year again where we will need to elect a new Executive Board member to the Tampa Bay Institute of Transportation Engineers (TBITE). Our election this year is to fill the position of Chapter Secretary! The Secretary's duties include the following: serve a two-year term commencing January 1<sup>st</sup> as Chapter Secretary and Membership Chair; preparing the meeting minutes for all Executive Board Meetings, conduct all correspondence between the Executive Board and the General Membership, preparing the TBITE Quarterly Newsletter and more!

The remainder of the Executive Board is as follows:

	2012 Position (Current)	2013 Position (Next Year)
Kenneth Siu, P.E.	President	Past President
Joseph Grimal, P.E.	Vice President	President
Sara Chambers, P.E.	Treasurer	Treasurer
Erbie Garrett P.E., PTOE	Secretary	Vice President
<i>New Position</i>		Secretary

Tampa Bay ITE is asking each member to please vote in this year's election for the Secretary position. The campaign ads of the candidates for this position will be included within the nomination forms.



# TBITE 2012 SPONSORS

## TBITE SPONSORSHIP OPPORTUNITY

### ADVERTISE IN TBITE NEWSLETTER

Advertise your business or job postings in TBITE Quarterly Newsletter. Advertising space is available at \$50 per issue or \$150 for the year. The Newsletter is generally published the last week of March, June, September, and December of each year. For more information please contact any of the board members.

### TBITE STUDENT SPONSORSHIP

The University of South Florida has a very active student chapter of ITE. We'd like to invite them all to be part of the TBITE family as well, but we need your help. You or your firm can sponsor a student for \$75 per year. This will cover the cost of student attendance at each TBITE meeting as well as the Annual Banquet. For more information please contact any of the board members.

# ICON CONSULTANT GROUP INCORPORATED

*...the symbol in engineering and planning solutions...*

## DKS Associates TRANSPORTATION SOLUTIONS

- ◆ Traffic Engineering
- ◆ Transportation Planning
- ◆ Parking
- ◆ Traffic Signal Design
- ◆ Traffic Control Systems
- ◆ Intelligent Transportation Systems

12000 N. Dale Mabry Hwy  
Suite 112  
Tampa, FL 33618  
Tel: (813) 962-5959  
[www.dksassociates.com](http://www.dksassociates.com)

Jerry Wentzel, P.E.  
Regional Manager

Other DKS Associates Offices Throughout the United States



Engineering • Planning • GIS  
*Your Transportation Consultants*



4600 West Cypress Street, Suite 550  
Tampa, FL 33607  
(813) 387-0084 • [www.gc-inc.com](http://www.gc-inc.com)



**Online Ordering**  
Our sophisticated online database allows for real-time ordering of transportation counts.

**Advanced Data Collection Techniques**  
Our well-trained and dedicated team uses the most advanced Jamar Data Collection Technology to collect accurate and dependable numbers that you and your clients rely on.

**Video Collection**  
QC employs video camera technology to enhance the accuracy and efficiency of our surveying and coverage capabilities.

**NOW SERVING ORLANDO**

**ORLANDO**  
Clint Case  
[ccase@qualitycounts.net](mailto:ccase@qualitycounts.net)  
(407) 770-8433

**TAMPA**  
Andrew Bellamy  
[abellamy@qualitycounts.net](mailto:abellamy@qualitycounts.net)  
(813) 374-0110  
[www.qualitycounts.net](http://www.qualitycounts.net)