



INSTITUTE OF TRANSPORTATION ENGINEERS 2010 ANNUAL REPORT FOR THE ARIZONA SECTION



MARCH 2011



INSTITUTE OF TRANSPORTATION ENGINEERS



2010 ANNUAL REPORT FOR THE ARIZONA SECTION

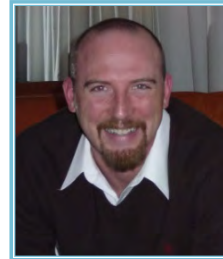




OFFICERS

CURRENT ELECTED OFFICIALS

Chris Williams • Past President



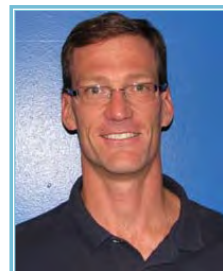
Ray Yparraguirre • President



Karen King • Vice President



Dr. Mark Hickman • Secretary



Dave Sabers • Treasurer





COMMITTEE CHAIRS

Nomination Committee • Jenny Grote



Active Members Group • Tyler Wiles



Career Guidance Chair • Scott Kelley



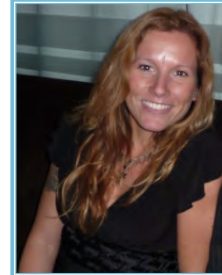
Membership • Dan Hartig





COMMITTEE CHAIRS, cont.

Webmaster • Sabine Ellis



Spring Conference • David Sabers



Technical Chair • Bob Steele



2013 Western District Annual Meeting, Local
Arrangement Committee • Kim Carroll





MEMBERSHIP

AS OF JANUARY 2011		
Number	Membership Grade	Section Annual Dues Rate
40	Fellow	\$20
26	Fellow Life	\$0
286	Member	\$20
17	Member Life	\$0
19	Institute Affiliate	\$20
47	Section Affiliate	\$20
39	Student	\$0
4	Complimentary	\$0
478	Total Number of Members	

The Arizona Section of ITE membership has remained steady throughout the last three years, but we have noticed a significant increase in student membership. This can be accredited to our sections strengthened commitment to our student chapters, University of Arizona and Arizona State University.

For 2010 the AZ ITE Section, in accordance with the Institute of Transportation Engineers Arizona (AZ ITE) Section By-Laws Section 3.2, conducted a vote to increase the local annual dues from \$15 to \$20 effective in 2010. The local dues were last increased in 1998 from \$10 to \$15. The AZ ITE Section voted “yes” resulting in an increase of the local annual dues to \$20 for 2010.

Since 1995, the Arizona Section has published a member directory bi-annually. The cost of the directory was supported by advertisements from consultants and vendors. The Arizona Board of Directors voted to start producing an 'electronic' directory beginning in 2011 in order to reduce costs and 'be green'. Each section member was provided a CD with the directory. The new electronic version is still supported by advertisements from consultants and vendors. In fact, the ads in the electronic version are now full page color compared to 1/4 page black and white in the printed version.



FINANCES

Arizona Section Federal Employer Identification Number: **541025850**

INCOME FOR THE REPORTING PERIOD

Lunch Meetings	\$6,740.00
Website Advertising	\$500.00
Membership (Local)	\$6,695.00
Directory Sponsorship	\$3,000.00
Donation to Scholarship	\$1,050.00
Holiday Party Sponsorship	\$1,200.00
Total	\$19,185.00

EXPENSES FOR THE REPORTING PERIOD

Lunch Meetings	\$8,310.72
Active Member Group	\$790.30
Holiday Party	\$1,796.00
Board Meeting Expenses	\$93.09
Awards/Recognition	\$322.97
Stipend for Western ITE Meeting	\$2,600.00
Directory (bi-annual)	\$2,199.15
Southern ITE Allotment	\$1,400.00
Community Donation/Scholarships	\$3,160.00
Election	\$119.70
Student Section Allotment	\$750.00
Website	\$153.15
TOTAL	\$21,695.08
NET INCOME (EXPENSE)	(\$2,510.08)





LEGISLATIVE ACTIVITIES

The Arizona Section Board became aware of House Bill 2338, which was aimed at photo enforcement but also included the following text: “INCLUDING THE SPECIFICATION THAT THE YELLOW LIGHT DURATION MUST BE AT LEAST THREE SECONDS.”

The Arizona Section Board sent in a letter of opposition to the Senate based on the following:

1. Setting a standard for yellow light timing is inconsistent with the MUTCD which requires that, “The duration of the yellow change interval shall be determined using engineering practices.” (Page 485)
2. General concerns about setting a precedent in which engineering judgment is dictated by the legislature.

Although House Bill 2338 did end up becoming a law, the traffic engineering community was able to modify the original text of the bill and ensure that the bill referenced the Manual on Uniform Traffic Control Devices.

TECHNICAL ACTIVITIES

The Technical Committee led by Bob Steele from Maricopa County DOT consists of eight members:

- Jerry Bird, CH2MHILL
- Jennifer Bohac, Scottsdale
- Tracy Eberlein, Surprise
- Brennan Kidd, Lee Engineering
- Andrew Kwasniak, Exponent
- Mohammad Rehman, CK
- Anita Shanker, Stantec

PROJECT # 1: ITE/IMSAS SPRING CONFERENCE TECHNICAL COMMITTEE SESSION:

The committee organized an “Alternative Corridor Design Roundtable Session” for the 2010 ITE/IMSAS Spring Conference. The leader was Mohammad Rehman.

PROJECT # 2: JOINT MEETING WITH ITS ARIZONA:

The committee organized a presentation for the May ITE/ITS AZ meeting entitled, “Traffic Operations Models, What They are and When to Use Them.” – the presenters were Anita Shanker and Jerry Bird.

PROJECT # 3: WINTER WEBINAR:

Purpose: The committee hosted the ITE webinar “Roundabout Design and Operation Web Briefing” on December 8, 2010. This webinar was a showcase of selected presentations from the ITE 2010 Annual Meeting and Exhibit, held in Vancouver, BC, Canada in August 2010. Presentations included “Integrating Traffic Simulation into Design Visualization”, Ting Wei; “Choosing the Right Design Vehicle for Urban Roundabouts”, Victor Salemann; and “British Columbia MoT Roundabouts – What we have Learned”, Darwin Tyacke.





MEETINGS HELD DURING THIS REPORTING PERIOD

The Section hosted seven meetings during 2010 with an average attendance of 70 members. We held three joint meetings throughout the year with the Southern Arizona Section of ITE & University of Arizona (Tucson) Student Chapter, Arizona State University Student Chapter, and ITS Arizona.

We also helped coordinate the annual Holiday Party with Arizona Society of Professional Engineers (ASPE) and ITS Arizona which affords an opportunity to raise money for a local charity. In March we held the Annual ITE/IMSA Spring Conference which brought together a broad audience of traffic engineers, signal technicians/operators, public officials, ITS specialist, and transportation planners.

Date: January 28, 2010
Speaker: Larry Reasch, Horrocks Engineers
Topic: Moving Bridges, Moving Cars - Saving Time, Saving Money Moving Bridges. How using accelerated bridge construction quickens construction schedules and minimizes temporary traffic control.
Location: Hilton Garden Inn – Phoenix
Attendance: 70

Date: February 25, 2010
Speaker: Kohinoor Kar, Arizona DOT Safety Section
Topic: Highway Safety Improvement Program Overview. The Highway Safety Improvement Program (HSIP) is a core Federal-aid program. The overall purpose of this program is to achieve a significant reduction in traffic fatalities and serious injuries on all public roads through the implementation of infrastructure-related highway safety improvements. This presentation included the Federal program components and its structure as well as funding allocations in Arizona for the state, regional, and local agencies.
Location: Monti's La Casa Vieja – Tempe
Attendance: 85

Date: March 2 – 4, 2010
Topic: Annual ITE/IMSA Spring Conference
Location: Black Canyon Conference Center – Phoenix
Attendance: 350

Date: April 22, 2010
Speaker: Bob Hazlett, PE, Senior Engineer, Maricopa Association of Governments
Topic: What's New at Maricopa Association of Governments...
Location: Aunt Chilada's – Phoenix
Attendance: 70

Date: May 27, 2010
Speaker: Anita Shanker, Stantec
Topic: Joint meeting with Arizona ITS: Traffic Operations Models – “What are They and When to Use Them.”
Location: Scottsdale Stadium Team Shop – Scottsdale
Attendance: 80



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- Date:** June 24, 2010
Speaker: Wulf Grote, METRO Rail
Topic: Light Rail Update
Location: Aunt Chilada's – Phoenix
Attendance: 70
- Date:** August 5, 2010
Topic: Annual Board Meeting to transition officer duties and coordinate with committees
Location: Kimley-Horn and Associates, Inc. – Phoenix
Attendance: 15
- Date:** September 23, 2010
Speaker: Edgar Perez, ITE Western District President
Topic: ITE Western District Updates
Location: Monti's La Casa Vieja – Tempe
Attendance: 80
- Date:** October 22, 2010
Speaker: Andrea Kelly, Writer for Arizona Daily Star and Michael Graham, Tucson DOT Public Informational Officer
Topic: Joint meeting with Southern Arizona ITE and University of Arizona Student Section Bridging the gap between engineer-eze and public outreach
Location: University of Arizona – Tucson
Attendance: 50
- Date:** November 18, 2010
Speaker: Paul Basha, EPS Group Consulting
Topic: Evaluation results from Phoenix Light Rail Collision Study
Location: City of Peoria City Hall – Peoria
Attendance: 80
- Date:** December 7, 2010
Topic: ASPE/ITE/ITS Arizona Holiday Party
Location: University Club – Phoenix
Attendance: 80



WORKSHOPS HELD DURING THIS REPORTING PERIOD

March 9, 2010

The AZ ITE Technical Committee hosted the 2010 MUTCD Web Briefing provided by ITE International. The briefing focused on the significant revisions that have been made to the standards, guidance, and options that are included in the 2010 MUTCD regarding traffic control devices; including signs, pavement markings, and traffic control signals with a special emphasis on those changes that directly affect pedestrians and bicyclists. A briefing was presented by Bruce E. Friedman, P.E., PTOE and W. Scott Wainwright, P.E., PTOE, FHWA. There were 30 members in attendance.

December 8, 2010

The AZ ITE Technical committee hosted the ITE webinar “Roundabout Design and Operation Web Briefing”. This webinar was a showcase of selected presentations from the ITE 2010 Annual Meeting and Exhibit, held in Vancouver, BC, Canada in August 2010. Presentations included “Integrating Traffic Simulation into Design Visualization”, Ting Wei; “Choosing the Right Design Vehicle for Urban Roundabouts”, Victor Salemann; and “British Columbia MoT Roundabouts – What we have Learned”, Darwin Tyacke. There were 30 members in attendance

STUDENT CHAPTER ACTIVITIES HELD DURING THIS REPORTING PERIOD

Scott Kelley is the Section’s Student Liaison and works closely with the Arizona State University and University of Arizona Student Chapter. The Section hosted joint meetings with each student chapter and provides discounts at all Section meetings (\$5 lunch). As noted in the Awards Section, all student chapter members are eligible for the Section Student Paper Award.

ASU STUDENT CHAPTER ACTIVITIES:

The year began with the ASU-ITE Student Chapter organizing a seminar titled “Forgiving Highways” by Mr. Mike Dreznes of Barrier Systems, Inc. This seminar was also broadcast live as a webinar. In the spring semester, the student chapter held a joint meeting with the Arizona Section of ITE. The student chapter was actively involved with organization of the 3rd Conference on Innovations in Travel Modeling (ITM) held in May 2010. This conference, hosted by the Transportation Research Board and ASU, gave students the opportunity to learn about the latest developments in travel modeling while also networking with fellow professionals. The students learned valuable organizational and teamwork skills through this effort. In July 2010, three of the student chapter officers along with the chapter faculty advisor attended the 12th World Conference on Transport Research in Lisbon, Portugal. At the beginning of the Fall 2010 semester, the chapter held a meeting in order to elect new officers. The chapter was largely involved in the planning and organization of the First International Symposium on Advances in Transport Sustainability (ISATS 2010) held at Arizona State University. The student chapter also undertook several fundraising activities, the most noteworthy being the organization of a short course on advanced tools for travel modeling. These fund raising activities helped the chapter sponsor several students’ attendance at the Annual TRB meeting in Washington D.C. Finally, at the end of 2010, the chapter held a social event for students to meet with one another and say farewell to one of their fellow officers.



UNIVERSITY OF ARIZONA STUDENT CHAPTER ACTIVITIES:

The University of Arizona’s student chapter of ITE has a current membership of around 16 students. This is a combination of undergraduate and graduate students. The student chapter meets bi-monthly on the 2nd and 4th weeks to listen to presentations from local engineers in the private and public sector of transportation engineering. The chapter has been accorded with excellent presentations this year, and is looking forward to upcoming presentations from Pima County DOT, FHWA, and local transportation engineering firms. Below is a list of the presenters for the past year and their presented topics.

The student chapter has been successful at raising money through joint fundraisers with ASCE. The two organizations put together a golf tournament to raise money for each student chapter to maintain regular operations. This was successful in providing enough money for a full semester of ITE meetings. The chapter is still looking to raise funds this semester possibly through another joint fundraising operation.

<u>Presenter</u>	<u>Affiliation</u>	<u>Presentation Topic</u>
Brent Crowther	Kimley-Horn and Associates, Inc.	Bike Boulevards
Felipe	AECOM	Synchro
Jim Glock	PDOT	General Government Overview
David Yurs	Kittelson	Internship Experience
Tom Kelley	PDOT	Traffic Signals
Nathan Banks	ADOT	Presentation on FHWA
Rudy Kolaja	Traffic OPS Eng.	Design of Effective Transit Systems

AWARDS PRESENTED DURING THIS REPORTING PERIOD

PAST PRESIDENT’S APPRECIATION AWARD:

Chris Williams was presented with the Past President’s Appreciation Award for his dedication and accomplishments during his tenure on the board.

STUDENT PAPER AWARD:

The annual Graduate/Undergraduate Student Paper Award total award is \$2000. This year it was divided amongst four outstanding students. Kristen Hickman and Alexandra Marciales received the undergraduate award and Zuduo Zheng and Sravani Vadlamani received the graduate award.

LIFE MEMBER CERTIFICATES:

Three local AZ ITE members were awarded ITE’s Life Member Certificates. These certificates were presented to Richard Weeks, Lowell O’Grady, and Ray Williamson.



ACTIVE MEMBER GROUP (AMG)

The Active Member Group is lead by Tyler Wiles and is open to all ITE members. The goal is to help people get more involved in ITE. The group meets on the second Tuesday of the month in a social setting. It is an opportunity to network and serves as a forum to plan volunteering and social events.

JANUARY:

On January 23, 2010 five AMG members volunteered at the Future City Competition. The Future City Competition is a national program sponsored by the engineering community to promote technological literacy and engineering to middle school students. The program fosters an interest in math, science, and engineering through hands-on, real world applications. The competition is open to all public, private, and parochial schools. The recipient of the ITE Award - Best Multimodal Transportation System was Cocopah Middle School. The award was based on the number of modes demonstrated for movement of people and goods and best integration of multiple transportation modes. The judges that volunteered their time included Chris Williams, Andrew Stanstny, Ted Darling, Jessica Belowich, and the judging team was led by Kohinoor Kar.



FEBRUARY:

On February 6, 2010 ITE members and their families attended the University of Phoenix stadium for a private tour. The tour consisted of an up-close look at the engineering and design of this modern stadium.

On February 20, 2010 four AMG members volunteered at the annual E-day event at the Arizona Science Center. This event serves as a place for children and their parents to learn about engineering careers and activities through local professional societies including ITE, ASCE, Future Cities, and local consultants. There were many children and parents that attended the event. At the ITE booth the children had the opportunity to learn about traffic engineering, traffic safety, and could construct their own Light Rail Train and Valley Metro Bus. The children also learned about transportation from our volunteers that talked with them about traffic safety. AMG members that talked with the kids and interacted with them on E-day included Randy Dunsey, Tyler Wiles, Chris Williams, and Scott Tezak.



MAY:

On May 14, 2010 volunteers from the AMG came together to cook a delicious meal at the Ronald McDonald House. The menu included Sheppard's Pie, salad, fresh veggies, homemade bread, and for dessert the group made a cherry dump cake with ice cream. The meal successfully fed approximately 35 people and was a fun time for all. The nine AMG volunteers included Christine Warren, Josh Warren, James Schleich, BriAnne Ross, Eric Maceyko, Kate Bondy, Matt Bondy, Bill Glickman, and Dan Ormand.

JUNE:

On June 25, 2010 the AMG played their 2nd annual broomball event with ASCE and continued the winning streak! The AMG team roster included Tyler Wiles, David Riley, Keith Winney, Eric Maceyko, Dan Ormand, Scott Tezak, Chris Williams, John Willet, and Andrew Stanstny.



Broomball event held on June 25, 2010. ITE AMG won against ASCE YMF 2 games to 1!



2013 WESTERN DISTRICT LOCAL ARRANGEMENTS COMMITTEE

The Local Arrangements Committee (LAC), led by Kim Carroll, is in full swing in promoting the 2013 Western ITE District Meeting in Phoenix, AZ. The LAC consists of 14 members and planning is underway for social activities, technical programs, and a meeting location. The theme contest generated much interest and was awarded to Dan Hartig for his creative “Hot Transportation, Cool Solutions” theme.



LAC Position	Name	Company/Agency
General Chairperson	Kim Carroll	AMEC
Vice Chair Sponsorship/Hotel/Resort	Andrew Smigelski	SWTE
District 6 Liaison	Jenny Grote	City of Phoenix
Arizona Section Liaison	Ray Yparraguirre (Current AZ President)	Kimley-Horn and Associates, Inc.
Financial	Daniel Hartig	Ayres Associates
Registration	Catherine Hollow	City of Tempe
Hotel/Resort Contract/Negotiations	Robert Fraser	Experient, Inc
Vendor/Exhibitors	Kim Konte	Leotek
Publicity/Promotions	Sylvia Mousseux	City of Scottsdale
Technical	Ray Yparraguirre	Kimley-Horn and Associates, Inc.
Technical Tours	Alejandro Angel	PSOMAS
Golf	John Willett	Civtech
Social/Family Events Co-Chair	Tyler Wiles	Kimley Horn and Associates
Social/Family Events Co-Chair	Randy Dunsey	AECOM
Student Activities	Dr. Mark Hickman	University of Arizona



2010 PHOTOS



Larry Reasch, Horrocks Engineers, presented “Moving Bridges, Moving Cars – Saving Time, Saving Money, Moving Bridges” at our January 2010 AZ ITE Luncheon



Kohinoor Kar, Arizona DOT Safety Section, presented the “Highway Safety Improvement Program Overview” at our February 2010 AZ ITE Luncheon



Chris Williams presented the Graduate Student Paper Scholarship Award to Zuduo Zheng in March 2010



Chris Williams presented the Graduate Student Paper Scholarship Award to Sravani Vadlamani in March 2010



Bob Hazlett, Maricopa Association of Governments, presented “What’s New at Maricopa Association of Governments...” at the April 2010 AZ ITE Luncheon



April 2010, Monthly Luncheon at Aunt Chilada’s Jenny Grote and Chris Williams with Western District Secretary-Treasurer Candidates Walter Okitsu and Doug Smith



2010 Elected Board Officers Sworn in by ITE Western District President Edgar Perez at our September 2010 AZ ITE Luncheon



2010 Elected Board Officers and Committee Chairs at our September 2010 AZ ITE Luncheon



2010 Elected Southern Arizona Board Officers Sworn in by AZ ITE Section President, Ray Yparraguirre. SAITE Board Members are (starting left) Secretary-Treasurer: Darlene Danehy; Vice President: Rick Robinson; President: Jorge Riveros; and Past President: Khang Nguyen. This was held at the October 2010 SAITE Luncheon



SAITE President Jorge Riveros Presenting Certificate of Appreciation to Reza Karimvand, ADOT at the October 2010 SAITE Luncheon



Ray Yparraguirre with Paul Basha who presented the “Evaluation Results from Phoenix Light Rail Collision Study” in the November 2010 AZ ITE Luncheon



Ray Yparraguirre with Richard Weeks who was presented with ITE’s Life Member Certificate at the November 2010 AZ ITE Luncheon