



Institute of Transportation Engineers
Arizona Section

NEWSLETTER

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JANUARY 2007

PRESIDENT'S MESSAGE



BY KIM CARROLL, PE, PTOE

Dear AZ ITE Members:

As we dive into the New Year, we have the opportunity to reflect on the past year, establish new or maintain existing relationships, take on exciting challenges, and make resolutions for the upcoming year.

Our year began on September 28, 2006 at Monti's La Casa Vieja in Tempe where Jenny Grote, past president of AZ ITE and past president of ITE International, swore in the elected officers for 2006 to 2007. Debbie Burdette, from the City of Glendale, was the featured speaker that day. She shared with us the operations and development of the City of Glendale event management plan surrounding the Cardinal and Coyote Arena.

Moving into October, we traveled to the University of Arizona in Tucson where we attended the Southern Arizona Chapters (SAITE) member lunch, swore in the SAITE officers, met the student chapter, and heard presentations from Tim Ahrens with RTA, Pricilla Cornelio with Pima Co. DOT, and Jim Glock with the City of Tucson.

November brought warm fall weather, reality of the holiday season fast approaching, and a new lunch meeting location. Through the presentation given by Kohinoor Kar, Transportation Safety Engineer for the Arizona Department of Transportation, we had the opportunity to learn about Arizona's existing crash data system, the issues associated with recording and output of crash data, plans for improve-

ment, and viewed a quick demonstration of the proposed software that can be used for crash data collection and transfer electronically. See the article on Page 2 for more information.

In December, we enjoyed our joint holiday party with ASPE at the cozy University Club, where we mingled with old and new friends and had the opportunity to share the fun with ASPE members as well. Several bottles of wine were donated by attendees and auctioned. Proceeds from the auction went to the Gompers Center. Donations such as toys and other items donated by attendees were given to the Chrysalis Shelter. A special thank you goes to Andrew Smigielski for delivering the toys and other items to the Chrysalis Shelter that same evening. Thanks also go out to ASPE for organizing the event, which consisted of free munchies and drinks and unforgettable memories. Lastly, I would also like to take this opportunity to thank the following ITE members/sponsors who contributed financially and made the holiday party a great success:

- 3M
- ITS Engineers
- Kirkham Michael
- PBS&J
- Parsons Brinckerhoff
- Phoenix Highway Products
- Sabnekar Consulting
- Southwest Traffic Engineering
- URS
- Wood Patel

In January, we received great support from Mark

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ARIZONA'S CRASH DATA SYSTEM: ISSUES AND STRATEGIC PLAN FOR IMPROVEMENT



BY KOHINOOR KAR, PHD, PE

The State of Arizona faced 139,265 traffic crashes in the year 2005, which resulted in 1,179 fatalities and 70,293 injuries with an economic loss of \$3.4 billion. For an estimated total population of 6,044,985, the fatality rate was 2.01 per 100 Million Vehicle Miles Traveled (MVMT), which is above the national average of 1.47 per 100 MVMT (1).

Existing System

The State of Arizona's existing crash data system is called the Accident Location Information Surveillance System (ALISS), and is maintained by the Traffic Records Section (TRS) under the Motor Vehicle Division (MVD) of the Arizona Department of Transportation (ADOT). This Structured Query Language (SQL)-based system was converted from Mainframe to SQL server in 1997.

Arizona Revised Statutes Title 28, Section 667 governs the initial reporting and submission of the traffic crash reports by the investigating agency to TRS. According to the statute, a written report is required for a motor vehicle crash resulting in injury, death, or damage to the property of any person in excess of one thousand dollars, or the issuance of a citation. Reporting agencies are also required to complete a written crash report within twenty-four hours after completing the investigation, and should immediately forward a copy of the report to TRS for its use (2). Presently, 137 law enforcement agencies submit hard copy crash reports to TRS (3). Most of the jurisdictions in Arizona use the Traffic Accident Report Form for data collection. The report form was last updated in September 2004 with the additional fields for latitude and longitude data.

Microsoft SQL 2000 database is currently being used by TRS for the master crash database. For the State roadway database, the linear referencing has a precision of ± 0.001 mile. The Citation Tracking System, based on Information Management System (IMS) Version 8 database, was established in Arizona in 1979, and approximately 950,000 citations are added yearly to this database. About 70% of the

state's traffic citations are collected or reported electronically. The internal agency staff, other state agencies, local agencies, and public/private sector can access the data for online queries and analysis. The state's injury surveillance system was established in 1998, which uses Oracle for the master database. Driver license database was established in 1979. Court dispositions of licensing actions are updated daily. The licensing file contains the entire driver history excluding the purged data based on Commercial Driver's License Information System (CDLIS).

Roadway use and performance inventory maintained by ADOT is used to meet the requirements of the Federal Highway Administration (FHWA) High-



way Performance Monitoring System (HPMS) program. Highway facility information is stored in the State Highway Log database. ADOT Information Data Warehouse (AIDW) is the existing storage and retrieval system for roadway data. Arizona Transportation Information Systems (ATIS) is the Geographic Information Systems (GIS)-based database for roadway data.

Current issues with the crash data system include problems encountered in querying data from ALISS, lack of timeliness in data entry and retrieval, issues with the street names data, lack of certain fields in

(Continued on page 3)

ARIZONA'S CRASH DATA SYSTEM (CONTINUED)

(Continued from page 2)

the Traffic Accident Report Form, underreporting of crashes to TRS by some agencies, and inability of the present system in accepting electronic crash data from other agencies.

Strategic Plan

The State of Arizona's *Strategic Plan for Traffic Safety Data* will assure the availability of crash data to support both federally funded traffic safety programs as well as programs funded by the state and local agencies. This process will address the following areas at a minimum:

- crash information
- roadway information
- driver information
- vehicle information
- enforcement/adjudication information
- injury surveillance information (4)

Some of the recent and ongoing efforts to improve the current system are briefly discussed in the following sub-sections.

Governor's Traffic Safety Advisory Council

The Governor of Arizona through the Executive Order 2004-18 established a Governor's Traffic Safety Advisory Council (GTSAC) for



Working together to improve traffic safety.

“developing strategies for improving traffic safety on our federal, state, county and local roads through better engineering, enforcement, education, and emergency response”. Under GTSAC, a subcommittee for Traffic was formed, and serves as Arizona's Traffic Records Coordinating Committee as described later on in this article. GTSAC is the State's decision making body that provides high level support for traffic safety initiatives.

Research Project

ADOT has conducted a research project on *Crash Data Collection and Analysis System* to examine the possibilities of implementing electronic data entry and transfer, Relational Database Management Systems (RDBMS) and GIS. (5) This study has come up with a few recommendations that are being reviewed and considered as alternative solutions to some of the crash data issues.

User Group

The Crash Data User Group (CDUG), coordinated by the author of this article, has been active in identifying the issues, concerns and needs, and recommending possible solutions to TRCC. For any additional information regarding CDUG, the author may be contacted (kkar@azdot.gov).

Traffic Records Assessment

The recent traffic records assessment in Arizona by the NHTSA Technical Assessment Team provided the state an understanding of the present traffic records system compared to the Highway Safety Program Advisory for Traffic Records, co-published by NHTSA, FHWA and Federal Motor Carrier Safety



Administration (F M C S A). “Arizona is one of the few states with the fundamentals of a two-tiered traffic records committee structure recommended as the most effective means to achieve

the coordination and cooperation among all stakeholders necessary to develop a traffic records system that supports data driven programs and policies” (3). According to NHTSA's *Crash Form and Database Content Detail Report* updated in May 2006, 88% of the Model Minimum Uniform Crash Criteria Guideline (MMUCC) (6) recommended crash data elements are present in the current report form, and the existing database system fulfills approximately 40% of the MMUCC criteria.

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2006 AZITE Holiday Party

ITE and ASPE held a joint Holiday Party on December 13 at the University Club of Phoenix. The party was a huge success, thanks to attendees and sponsorship from various firms in the valley. AZITE would like to say "Thank You" and extend special recognition to the following firms for making this event fun and successful.



(Continued from page 1)

Poppe, from Stanley Consultants, who organized the judges for the Future City Competition. Thanks goes out to Paul Porell, Mark Poppe, and Chris Williams who volunteered as judges for the competition. Pre-judging took place on Wednesday, January 18 at the Phoenix Central Library. Final judging took place on January 20th at the Phoenix Preparatory Academy. The ITE Award, titled “Best Multimodal Transportation System”, was awarded to Sierra Vista Middle School. More details about the competition will be in our next newsletter.

We have reflected on the past and look forward to new events and exciting opportunities ahead. We look forward to seeing all of you at upcoming events:

- Monthly Luncheons
- Engineers Week - February 18-24, 2007
- The Annual ITE/IMSA Spring Conference -March 6-8

For more information on past and future events see the AZ ITE web page at www.azite.org.

I **encourage** new and old members to get involved in ITE and I would like to extend a **sincere** thanks to all those that are currently serving as AZ ITE committee chairpersons. These volunteers are the people who help make our section of ITE a success. Please see the list below and thank them for their support:

Active Members Group: Chris Williams, Southwest Traffic Engineers
 Career Guidance: Goutham Lingannagari, City of Glendale
 District 6 Liaison: Jenny Grote, City of Phoenix
 Future Cities Competition: Mark Poppe, Stanley Consultants
 Legislative Committee: Dave Eberhardt, Thunderbird Consulting
 Membership Committee: Dan Hartig, Parsons Brinckerhoff
 Nominating Committee: Jenny Grote, City of Phoenix
 Newsletter: Jamie Blakeman, Stanley Consultants
 Spring Conference: David Sabers, RBF
 Web Master: Sylvia Mousseux, City of Scottsdale

FUTURE CITY COMPETITION



Congratulations goes out to...

Sierra Vista Middle School

Winner of the
“Best Multimodal Transportation System”

JOSHUA SIGONA • DANIEL HUGHES • IAN GUNN

<u>Name of City</u>	<u>Teacher Sponsor</u>	<u>Engineer Mentor</u>
WEIRDVILLE	SCOTT WEISS	NEIL BARRETT

Special thanks to the AZ ITE section judges:

Paul Porell, P.E.
City of Scottsdale

Chris Williams, P.E., PTOE
Southwest Traffic Engineering

Mark Poppe, P.E., PTOE
Stanley Consultants

ARIZONA'S CRASH DATA SYSTEM (CONTINUED)

(Continued from page 3)

Traffic Records Coordinating Committee

In the State of Arizona, a Traffic Records Coordinating Committee (TRCC) has been developed and is “responsible for developing, approving, and implementing Arizona’s strategic plan for traffic records.” (4). Arizona’s TRCC reports to GTSAC. TRCC consists of 2 sponsors, 17 voting members, and 5 advisory members. TRCC members meet regularly to develop strategies and advance the State’s efforts to improve the crash data system. TRCC has recently developed a Traffic Records Action Plan, including strategies/tasks, outcome measures, emphasis areas, responsible contacts, due dates, and resources/funding data, which has been approved by GTSAC. The Arizona Governor’s Office of Highway Safety (GOHS) has recently received a FY 2006 federal grant in the amount of \$629,140 to improve the traffic records system. It has been decided that most of this initial grant money will be utilized to improve the existing ALISS. Benchmarks for monitoring the progress in crash information quality will be developed based on six identified performance measures, viz. timeliness, accuracy, completeness, uniformity, integration, and accessibility.



Acknowledgements

The author expresses his sincere thanks to Jennifer Brown, FHWA Arizona Division Office, Reed Henry, ADOT Highway Enhancements for Safety (HES), and Michael Hegarty, Arizona GOHS for their past and continuing dedicated efforts and contributions, which have positively impacted the contents of this article.

References

1. “Arizona Motor Vehicle Crash Facts 2005”, Motor Vehicle Division.
<http://www.azdot.gov/MVD/statistics/crash/index.asp> Accessed January 2, 2007.
2. “Written Accident Report Definition”, Arizona Revised Statutes Title 28, Section 667, Revised and effective January 1, 2007.
<http://www.azleg.state.az.us/FormatDocument.asp?inDoc=/ars/28/00667.htm&Title=.%28&DocType=ARS> Accessed January 5, 2007.
3. “State of Arizona Traffic Records Assessment”, NHTSA Technical Assessment Team. January 23-27, 2006.
4. “Strategic Plan for Traffic Safety Data”, Traffic Records Coordinating Committee, June 19, 2006.
5. “Crash Data Analysis and Reporting System”, ADOT Research Report 537, February 2006.
http://www.azdot.gov/TPD/ATRC/Publications/project_reports/index.asp Accessed April 25, 2006.
6. “Model Minimum Uniform Crash Criteria Guideline (MMUCC)”, NHTSA, FHWA, FMCSA, USDOT, and Governor’s Highway Safety Association (GHSA), 2003 Edition.

OTAK, INC.

Otak, Inc. is proud to announce its newest employees in the Southwest Regional Office in Tempe, Arizona:

- John Hurford, Senior Project Manager for Land Development Services and also leading the regional efforts in Environmental Engineering.
- Byron Dixon, Senior Project Manager for Public Services, formerly with the City of Mesa and now leading Otak's regional Municipal Engineering efforts.
- Carmelo Acevedo, Regional Public Services Manager, overseeing the departments of Transportation, Civil Engineering, Landscape Architecture and Urban Planning
- Brad Bielenberg, Senior Landscape Architect/Urban Planner, leading the region's Landscape Architecture, Urban Planning and Design endeavors.
- Jackie Ortiz, Senior Market Representative, leading the regional sales and marketing efforts.

Otak works in partnership with local, state and federal clients and the public services. Otak has offices in Arizona, Oregon, Colorado, and Washington providing a collaborative approach to civil, transportation and bridge engineering; architecture and landscape architecture; planning, surveying, mapping and urban design.

SEEKING VOLUNTEERS

The AZ ITE Section is looking for volunteers to fill the following positions:

Ambassador

DUTIES:

The Ambassador welcomes visitors to monthly luncheons and other AZ ITE functions, encourages people to join ITE at the Section, District and International Levels, and explains the mission, benefits, and procedure for membership.

If you have any questions or are interested in serving in this position, please contact Kim Carroll @ 602-343-2403, or at Kim.Carroll@amec.com.

DUTIES:

The Technical Committee Chairperson identifies issues or topics in transportation that may be worthy of study by a small group or subcommittee of AZ ITE members, encourages subcommittees to prepare papers for presentation at Section, District and International events, and identifies and recruits subcommittee members. In the past, AZ ITE subcommittees have prepared papers in traffic calming and single point urban interchanges.

If you have any questions or are interested in serving in this position, please contact Kim Carroll @ 602-343-2403, or at Kim.Carroll@amec.com.

Technical Committee Chairperson

Active Members Group Chairperson

DUTIES:

The Active Members Group (AMG) is composed of AZ ITE members interested in organizing social events, technical tours and service projects above and beyond those organized by the AZ ITE board. The AMG typically meets monthly after work in a relaxed social setting. Recent AMG outings include preparing food at the Ronald McDonald House, a technical tour of the Phoenix Sky Harbor rental car facility, and a Spring baseball outing.

If you have any questions or are interested in serving in this position, please contact Chris Williams @ 602-266-7983, or at chris@swte.us.

ACTIVE MEMBERS GROUP

Over the past 6 months the members of the AMG have helped donate time and energy to several causes.



In July the AMG joined with the Younger Member Forum of ASCE to prepare a meal at the Ronald McDonald House in Phoenix. The Ronald McDonald House provides temporary housing for underprivileged families with sick children, or children in long-term care at local hospitals. The event was a success and may become an annual AMG volunteer opportunity.

We would also like to thank all of the members of ITE who donated items to the Chrysalis Shelter at the Holiday Party. A thank you note from the Chrysalis Shelter can be found on page 9.



MEMBER NEWS

This space is free and open for all AZ ITE members to share any special or exciting news with fellow ITE members. Please feel free to send thoughts, comments or articles to Jamie Blakeman @ blakeman-jamie@stanleygroup.com for inclusion in the newsletter.

**VENDOR'S
CORNER**

This Space Available!

(The Vendor's Corner highlights a different vendor in our industry in each issue.)

Sorry, no Vendor's Corner this issue. Contact the newsletter editor, Jamie Blakeman @ blakemanjamie@stanleygroup.com to use this space



Engineers week for the Greater Phoenix Area is slated for February 18th–24th, 2007. See page 12 for more details.

FUTURE CITY GOLF TOURNAMENT



The Future City Golf Tournament was held on Saturday, January 20, 2007 at the beautiful Estrella Mountain Ranch Golf Club. The Future Cities is a national event sponsored by the engineering community to promote and challenge middle school students technologically. It helps create interest in math, science and engineering application in young students. See page 13 for photos and highlights of this event.

ITE/IMSA/MAG SPRING CONFERENCE

CALL FOR PRESENTATIONS

ITE/IMSA

SPRING CONFERENCE
MARCH '07

Do you have an interesting topic or project that you would like to present at the 2006 ITE/IMSA Spring Conference? Please contact Ray Yparraguirre at ray.yparraguirre@kimley-horn.com for more information.

MARK YOUR CALENDARS!
2007 ITE/IMSA SPRING CONFERENCE – MARCH 6-8

INVITED OPENING SESSION SPEAKER -
JAMES CAVANAGH, MAYOR OF GOODYEAR
SESSION TOPICS INCLUDE: Signals, Signing,
Pavement Marking, Signal Operations,
Aviation, Emergency Planning, MUTCD,
Roundabouts, Light Rail, Street Lighting,
Safety, Bikes and Pedestrians
Annual Golf and Tennis Tournaments on March 6

Full Registration - \$200; One Day - \$150
Vendor Display - 1 Booth: \$600, 2 Booths: \$1,000

For more information contact:
Conference chairs - Kim Kante at (602)344-7770 or Dave Sabers at
(602) 467-2200 or Registration chair - Dan Hartig at (480)921-6879.



December 28, 2006

Chris Williams
ITE Arizona
3838 N Central Avenue, Suite 1810
Phoenix, AZ 85012

Dear Mr. Williams,

On behalf of the Chrysalis Board of Directors, staff, and especially the women and children we serve, thank you for your generous donation at the Holidays for the Wonderland Workshop. This year, your donations touched the lives of many who otherwise may not have had a holiday. It was especially touching to see the women's faces light up when they learned that all of Wonderland was made possible by the immeasurable support of their community. Enclosed, I have shared with you a letter from a client to express the overwhelming gratitude felt from your support.

For close to twenty-five years, Chrysalis has provided a safe haven for women and children victimized by domestic abuse. In that time, we have grown into one of the most comprehensive domestic abuse agencies in the state of Arizona. Chrysalis offers emergency shelter for women and children; transitional housing; outpatient counseling for men, women, and children; and an offender intervention program. With your assistance, the 2006 Holiday program provided gifts, food and activities to nearly two hundred women and children from our various Chrysalis programs.

Thank you, again for your overwhelming heart-felt support. We certainly hope you will consider participating again in the 2007 holiday season. We wish you the best in the New Year!

Chrysalis Shelter for Victims of Domestic Violence, Inc. is recognized by the IRS as a 501(c) 3, not-for-profit organization. Contributions to Chrysalis are tax deductible as allowed by law. Please retain this letter as your receipt. Federal Tax ID #86-04476.

Sincerely,

Sara Bradford
Volunteer Resource Manager



a: (602) 955 9059
f: (602) 955 0165

www.chrysalis-shelter.org
1010 East McDowell, Suite 301
Phoenix, AZ 85006

JACK LETTIERE RECEIVES AASHTO THOMAS H. MACDONALD MEMORIAL AWARD

MORRISTOWN, NJ – Jack Lettiere, Senior Vice President of Edwards and Kelcey, was honored on October 28, 2006 by the American Association of State Highway and Transportation Officials (AASHTO) with its highest award -- the Thomas H. MacDonald Memorial Award -- presented at the 2006 annual AASHTO meeting in Portland, OR.

The award was established in 1957 to honor the long-time chief of the Bureau of Public Roads, and is focused on highways. The award is given to persons active or retired who have been employed by one or more AASHTO member departments for a period of at least five years, who have rendered continuous outstanding service over an extended period of time, or have made an exceptional contribution to the art and science of highway engineering.

AASHTO advocates transportation-related policies and provides technical services to support states in their efforts to move people and goods efficiently and safely.

A former Commissioner of the New Jersey State Department of Transportation (NJDOT) and Board Chairman of New Jersey Transit (NJT), Mr. Lettiere joined Edwards and Kelcey in September. He leads the firm's Highways line of business, focusing on private/public partnerships, developing innovative project financing, increasing the firm's presence in its respective highway groups, and serving as the firm's representative to AASHTO and to the American Road & Transportation Builders Association (ARTBA). He previously served as President of AASHTO.

In nominating Mr. Lettiere for the MacDonald Award, NJDOT's current Commissioner, Kris Kolluri, Esq. wrote, "Jack has earned this distinguished honor through his dedication and commitment over a 31-year career to improve transportation both in New Jersey and nationwide. Jack epitomizes what it means to be a public servant. When it came to leadership, creativity, innovation, and a tireless work ethic, Jack always gave 100 percent. Jack has a passion for transportation, and he instilled in his colleagues the belief that if we make people our first priority, we can accomplish so much as builders, operators, and managers of one of New Jersey's and

our nation's most precious assets: our transportation system."

Prior to joining Edwards and Kelcey, Mr. Lettiere served as NJDOT Commissioner from 2003 – 2006, retiring from the agency this year after 32 years of service. As NJDOT's Commissioner, he oversaw the Department's \$2.6 billion capital program and 5,000 employees. In addition to serving as Chairman of the Board of NJT, he sat on the Boards of the New Jersey Turnpike Authority and the South Jersey Transportation Authority.



"Jack Lettiere has been a pivotal figure in developing New Jersey's transportation infrastructure," said Kevin J. McMahon, Chairman and CEO of EK. "His expertise and experience are invaluable in assisting our clients to meet the challenges of tight budgets, increased transportation demands, and the need to streamline project delivery."

Mr. Lettiere received a Bachelor of Science degree in Industrial Engineering from the General Motors Institute of Technology. He earned a Masters of Business Administration, with distinction, from Rider University in 1988.

Founded in 1946 and celebrating its 60th year in business in 2006, Edwards and Kelcey (EK) is a nationally recognized engineering, design, planning and construction management firm serving public and private clients in the fields of transportation, planning/environmental, communications technology, buildings/facilities, and land development. The company has 1000 employees and 25 regional offices and is ranked 71st among the Top 500 U.S. Design Firms by Engineering News-Record (ENR). This and previous releases can also be found at www.ekcorp.com.

AZ ITE Officers



2006
to
2007

From Left to Right:
TREASURER: Chris Williams, PE, PTOE
SECRETARY: Paul Porell, PE, PTOE
VICE PRESIDENT: Micah Henry, PE
PRESIDENT: Kim Carroll, PE, PTOE
PAST PRESIDENT: Mark Poppe, PE, PTOE



Engineers Week / February 18-24, 2007

Engineers week is fast approaching the Phoenix Area.

Below are some details on E-Week that you may be interested in:

Engineers Day

Date: Saturday, February 24, 2007

Time: 10:00 A.M to 4:00 P.M.

Location: Arizona Science Center



VOLUNTEERS NEEDED!!!

AZITE will host a booth on Engineers Day. Two (2) to four (4) volunteers are needed. Preferably, there would be two (2) volunteers hosting the booth from 10:00 A.M. to 1:00 P.M. and two (2) from 1:00 P.M to 4:00 P.M.

If you are interested, please contact Kim Carroll at 602-343-2403 as soon as possible.

Engineers Week Banquet

Date: Thursday, February 22, 2007

Location: Phoenix Downtown Hyatt Regency

Time: Reception: 6:00 to 7:00 p.m.

Speaker: Tom Horne, Superintendent

Dinner: 7:00 to 9:00 p.m.

Arizona Department of Education

Cost: \$70.00/ person

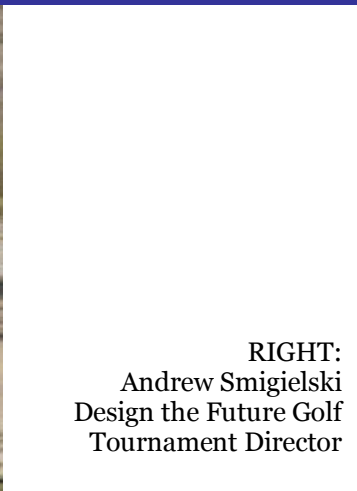
More details available at [http:// eweeek-phx.org/ index.html](http://eweeek-phx.org/index.html)



6TH ANNUAL DESIGN THE FUTURE GOLF CLASSIC



ABOVE:
Aaron Atkinson,
United Civil Group



RIGHT:
Andrew Smigielski
Design the Future Golf
Tournament Director



LEFT:
Ogbonna Abarikwu
and Amara Ibeji of
CK Group



BELOW:
John Willett of SouthWest Traffic
Engineering and Gary Griggs.

The 6th Annual Design the Future Golf Classic was held on Saturday January 27, 2007 at Estrella Mountain Ranch Golf Club. The tournament was a great success with over 120 golfers and many other sponsors and volunteers. Everyone who attended the event seemed to have a great time while enjoying a round of golf with friends and colleagues. Over \$8,000 was raised to benefit the Future City Competition which promotes engineering education for 7th and 8th grade students. The tournament directors would like to thank all of the sponsors, volunteers and golfers for making this year's tournament a success.



OFFICERS

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602.266.7983

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Mark Poppe
Stanley Consultants, Inc.
602.333.2361

COMMITTEE CHAIRS

ACTIVE MEMBERS GROUP

Volunteer Needed

AMBASSADOR

Volunteer Needed

CAREER GUIDANCE

Goutham Lingannagari
City of Glendale
623.930.2940

ITE/IMS A SPRING CONFERENCE

Dave Sabers
RBF
602.467.2200

LEGISLATIVE

Dave Eberhardt
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623.412.0050

MEMBERSHIP

Dan Hartig
Parsons Brinckerhoff
480.966.8295

NEWSLETTER

Jamie Blakeman
Stanley Consultants, Inc.
602.333.2382

NOMINATION

Jenny Grote
City of Phoenix
602.262.7597

TECHNICAL

Volunteer Needed

WEBSITE

Sylvia Mousseux
City of Scottsdale
480.312.2508

NEXT MONTHLY ARIZONA SECTION ITE MEETING

Mark your calendars & save the date!

Thursday, February 22, 2007



c/o Jamie Blakeman
Stanley Consultants, Inc.
1661 East Camelback Road
Suite 400
Phoenix, AZ 85016

This newsletter is a quarterly publication of the Arizona Section of ITE. Send, e-mail or fax your articles to Jamie Blakeman at Stanley Consultants, Inc. (fax: 602-333-2333, blakemanjamie@stanleygroup.com)