

Westernite

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July - August 2006 Vol. 60 No. 4

PRESIDENT'S MESSAGE

Serving as your District 6 President this past year has been filled with experiences that I will cherish the rest of my life. It has been an honor to represent District 6 and recognize our ITE volunteers at our local sections and chapters. I cannot find the words to express all my thanks to the District 6 Board members as well as to the committee members for all the time they have freely provided to ITE in helping to make this past year a success for our membership. ITE is a volunteer organization and no one person can do it all. I do need to especially thank our Past President Zaki Mustafa for all his help and friendship over the years that we have served on the Board together. I also wish to extend my support and best wishes to our new District 6 President Dalene Whitlock and Vice President Jennifer Rosales.



Ken Ackeret,
District 6
Past President

If you were at the annual meeting in Hawaii, I know you will be talking about how great it was for years to come. If you were not there, you missed out on one of our best meetings. There were more than 380 delegates with the family night Luau hosting some 650 members, friends and family. It was one of our largest family

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ANNUAL BOARD MEETING HIGHLIGHTS

The District 6 Board and 22 District 6 members including ITE Executive Director Tom Brahms; International President Rich Romer; Immediate Past International President Tim Harpst; District committee members; and LAC chairs, met on Sunday, June 25, 2006 in Honolulu, Hawaii. President Ken Ackeret called the meeting to order at 10:14 AM. The full agenda for the meeting included reports from all of the District 6 officers, District Administrator, WesternITE Managing Editor, District 6 committee chairs and LAC chairs. This article summarizes the annual board meeting and highlights discussion and action items.

The topics discussed and actions taken included the following:

- President Ken Ackeret traveled to sections and chapters to recognize individuals serving ITE with Presidential Proclamations.

- Vice President Dalene J. Whitlock worked with Jennifer Rosales, Cathy Leong, and Jon Pascal to get e-registration on-line and operational for the 2006 Annual Meeting.



Jennifer Rosales,
Vice President

- The Student Chapter Website Award was established and criterion is being developed for this award. This award would recognize the most improved student chapter website with a monetary award to the winning student chapter and up to two honorable mentions.
- Secretary-Treasurer Jennifer Rosales addressed the target reserve amount/

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AN EVALUATION OF THE EFFECTIVENESS OF AN IN-PAVEMENT FLASHING SYSTEM

The in-pavement flashing light system is among strategies used to enhance pedestrian safety on roadways. This system is intended to alert both motorists and pedestrians. The effectiveness of such a system was evaluated using a "before and after" study. The in-pavement lighting system was seen to improve the yielding behavior of motorists, reduce vehicular speeds when pedestrians were waiting at the curb to cross and when they were crossing. The distance from the yield markings at which motorists yielded to pedestrians also increased by an average of 10 feet upstream.

BACKGROUND

Traffic safety is of significant concern not only in the United States but also around the world. Pedestrian safety has emerged as an area of increasing concern. Safety of such road users could be enhanced by implementing strategies that enhance the awareness of motorists' and pedestrians' attention of the crossing location and the activities on the crosswalk. The in-pavement flashing light system is a strategy to enhance motorists' and pedestrians' awareness and bring about changes in their behaviors. These lights flash when activated (actively or passively) for a preset duration while the

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AN EVALUATION OF THE EFFECTIVENESS OF AN IN-PAVEMENT FLASHING SYSTEM

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pedestrian crosses the street. This paper summarizes findings from an evaluation of the effectiveness of an installation of the in-pavement lighting system.

METHODOLOGY

The study area is located on Burkholder Boulevard in the City of Henderson, Nevada in the southeastern part of the Las Vegas metropolitan area. Two driveways, one on either side, are located proximate to the study location. The driveway on the north side, Cinnamon Ridge, provides access to a residential subdivision and the driveway on the south side accesses a neighborhood park. Burkholder Boulevard consists of two through lanes, one left turning, and one curb lane on both directions. The posted speed limit is 35 mph and the average traffic volume is about 300 vehicles per hour per direction during peak hours.

The in-pavement lights are placed on both the upstream and downstream edges of the crosswalk. These lights are activated by pedestrian push buttons located on either side of the street. Yield markings are placed 45 feet and 77 feet in advance of the crosswalk on eastbound and westbound directions respectively. "Yield here to pedestrian" signs with a pedestrian pictogram were also placed on both approaches to the crosswalk.

A before and after study strategy was used to evaluate the effectiveness of the in-pavement lighting system. Data was collected in the morning and afternoon

peak periods. This was done prior to the activation of the in-pavement lighting system (the "before" condition) and after the activation of the in-pavement lighting system (the "after" condition). The yielding behavior of motorists, vehicle speeds, and yielding distance were identified as measures of effectiveness (MOEs) for comparison of the before and after study periods. Sample sizes, for the most part, were larger than 80 observations, although some of the before conditions had sample sizes of around 20 observations.

RESULTS

Motorists' Yielding

The proportion of motorists yielding to pedestrians during the two study periods is shown in Table 1. These motorists yielding proportions after the installation of the in-pavement lighting system *increased by* about 31, 40, and 37 percent for AM, PM, and AM and PM total, respectively.

Table 1
Motorists Yielding to Pedestrians Before and After In-pavement Light System Installation

Data Collection Periods	Percentage of Motorists Yielding	
	Before	After
AM	33.9	64.8
PM	37.5	76.9
AM and PM	35.6	72.9

Speeds

Table 2 shows the 85th percentile speeds for three scenarios: no pedestrians, pedestrians waiting to cross, and pedestrians crossing are shown in Table 2. The 85th percentile speed was reduced after the installation of the in-pavement lighting system. The 85th percentile speeds were reduced by 6 mph and 5 mph while pedestrians were waiting to cross and pedestrians were crossing, respectively.

Table 2
Vehicle Speeds Before and After In-pavement Light System Installation

Scenarios	85 th Percentile Speed (mph)	
	Before	After
No Pedestrians	46.9	47.4
Pedestrians Waiting to Cross	46.0	40.0
Pedestrians Crossing	37.3	32.2

Along with the implementation of the in-pavement lighting, other signage and pavement markings were also installed; these devices help alert the motorists. Consequently, this could affect the vehicle speed after implementation of the in-pavement lighting system even though no pedestrians are present at the crosswalk. Another reason may be that motorists who are far upstream of the crosswalk may

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About the Authors:



Ganesh J. Karkee, Ph.D., P.E., is an Assistant Research Scientist with the Texas Transportation Institute at the Texas A&M University System. He has more than 5 years of experience in civil engineering profession both in private and public sectors. He received his Ph.D. in Civil Engineering from the University of Nevada, Las Vegas. He is a registered Professional Engineer in the state of Nevada. He is a member of Institute of Transportation Engineers (ITE) and American Society of Civil Engineers (ASCE).



Shashi S. Nambisan, Ph.D., P.E., is a Professor with the Department of Civil & Environmental Engineering and the Director of the Transportation Research Center at the University of Nevada, Las Vegas. He is a registered Professional Engineer in the state of Nevada. An active researcher, Shashi has led efforts on over 120 research projects that include the development and deployment of technology based decision support tools, and programs for transportation systems. He has also been very active in professional societies nationally, and he is the President of the ITE Nevada Chapter for the year 2005-2006.



Shital K. Patel, P.E., has more than 15 years of transportation engineering, spanning both the private and public sectors. He is currently a Project Engineer with the City of Henderson, Nevada. He received his Bachelor of Science in Civil Engineering from the University of Nevada Las Vegas (UNLV). He is a member of Institute of Transportation Engineers (ITE), ITS America and American Public Works Association (APWA).

PRESIDENT’S MESSAGE

(Continued from page 1)

nights ever. The Hula and Polynesian War/Fire dancing entertainment with Diamond Head in the background set new District 6 standards for our annual family night. Cathy Leong and her LAC truly showed us the spirit of “Aloha.”

The District 6 elections came to a close at the annual meeting. The ballots were counted and Randy McCourt was elected to be our newest International Director along with Monica Sutter taking on the position as our new Secretary-Treasurer. Congratulations to both of our election winners, along with a large ITE Thank You to Cathy Leong and John Kerenyi for volunteering and campaigning for office. I also want to thank the membership in supporting the By-Law and Charter revisions as they were also passed, allowing the District to move forward with future E-Balloting.

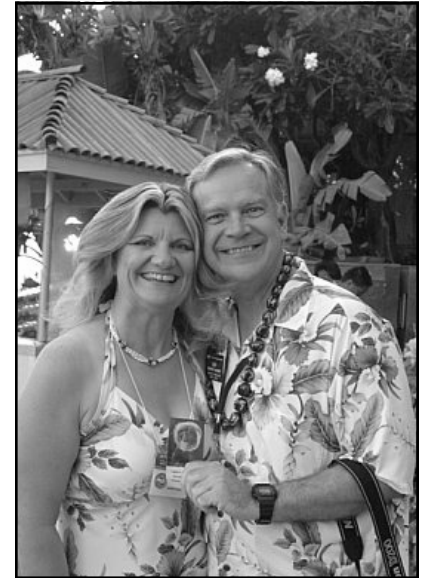
At this year’s International meeting in Milwaukee, District 6 will be recognized for the quality of its newsletters. Each year International presents two newsletter awards; one award for the newsletter with a circulation of less than 250, and the other for a news letter with a circulation of over 500.

This year the Southern California Section newsletter will be recognized along with the District 6 Westernite. Congratulations to all.

As your President, I had the opportunity to travel throughout the Western United States that make up District 6. During my visits to our local Sections and Chapters, I had the pleasure to recognize many of the volunteers of ITE that help to make our professional organization a success. The following Presidential Recognition Day Proclamations were presented over this past year:

- Dr. Jerry Hall Day, September 1, 2005
- Robert Grandy Day, September 15, 2005
- Scott Plumber Day, October 20, 2005
- Bill Darnell Day, December 2, 2005
- Glenn Grigg Day, February 16, 2006
- Paul Box Day, March 9, 2006
- Vaughn Lewis Day, April 17, 2006
- Don Samdahl Day, April 17, 2006
- Doug Hattery Day, April 19, 2006
- Edward Stafford Day, May 6, 2006
- Keri Shoemaker Day, May 19, 2006
- Walter Okitsu Day, June 15, 2006
- Jim Harris Day, June 15, 2006

- Wayne Yoshioka Day, June 28, 2006
It has been my pleasure to serve as your District 6 President and again thank you to everyone who volunteers their time to ITE for the betterment of our profession.



Ken Akeret and Kathy are ready to hula.

AN EVALUATION OF THE EFFECTIVENESS OF AN IN-PAVEMENT FLASHING SYSTEM

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reduce their speed when they see flashing lights on the crosswalk while pedestrians are crossing in the crosswalk. By the time they reach the observation zone, their speed might have been reduced even though the in-pavement lights were turned off.

Yielding Distance

Yield markings were placed 45 feet and 77 feet away from the crosswalk in eastbound and westbound directions, respectively. Results show that motorists yielded on an average about 9 ft further upstream of the crosswalk for the eastbound direction after installation of the in-pavement lighting. However, for the westbound direction motorists’ average yielding distance was reduced by an average about 20 ft toward crosswalk after the installation of the in-pavement lighting. The crosswalk in the westbound direction is located upstream of the driveway. Motorists yield to pedestrians before the driveway. For the “before condition,” they used to yield far away from the driveway. After installation of the in-pavement lighting, they generally yielded close to the yield marking, which is 77 ft

away from the crosswalk. Interestingly, the average yielding distance was on an average about 10 ft further upstream from the yield marking in both directions. The means of yielding distance before and after study periods are shown in Table 3.

Table 3
Yielding Distance Before and After In-pavement Light System Installation

Direction	Mean Yielding Distance (ft)	
	Before	After
Eastbound	44.4	53.4
Westbound	110.1	89.7

CONCLUSIONS

An evaluation of an in-pavement lighting system installed in Henderson, Nevada appears to indicate a reduction in approach speeds of vehicles, an increase in the percentage of motorists who yield to

pedestrians in the crosswalk, and improved motorists’ yielding behavior. It is to be noted that the installation of the lighting systems was accompanied by the installation of other related signs and markings. Thus, a combination of the in-pavement lighting system, and signs and markings was seen to be effective in improving pedestrian safety at a relatively low traffic volume location. Additional efforts are needed to evaluate benefits under higher traffic/pedestrian volume conditions, and to quantify pedestrians and vehicular delays for varying conditions.

References

Karkee, G. J., Nambisan, S. S., & Pulugurtha, S. S. (2005). Effectiveness of an in-pavement flashing light system. Presented at the 2005 ITE District 6 Annual Meeting CD-ROM. ITE District 6. Kalispell, Montana.
Karkee, G. J. (2005). Evaluation of the effectiveness of countermeasures to enhance pedestrian safety. Ph.D. Dissertation. Department of Civil and Environmental Engineering, December. University of Nevada, Las Vegas.

ANNUAL BOARD MEETING HIGHLIGHTS

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- formula as recommended by the District 6 accountant. A work session prior to the District 6 mid-year meeting is being organized to include the District 6 accountant to further discuss and identify an appropriate target reserve amount for the District.
- Past President Zaki Mustafa showed a video clip from the presentation of the Lifetime Achievement Award to Hank Mohl. Rock Miller, International Director, participated in the presentation and life celebration.
- Executive Director Tom Brahm noted that on June 29th, on-line voting will begin for International ITE elections. In addition, email reminders will be sent weekly to remind those members who haven't voted to vote.
- Executive Director Tom Brahm announced that ITE International is conducting a membership drive. It is offering Ipod nanos as incentives to recruit new ITE members. Please go to www.ite.org for more details.
- Executive Director Tom Brahm reported that the PTOE certification is anticipated to surpass the 1,700 mark by end of August 2006. He noted that ITE International is looking for sections/chapters to give exams. ITE International requires about 30 people to take an exam at a location and can administer three different exams at the same time.
- District Administrator Jenny Grote addressed e-balloting for the District and the potential impacts to the bylaws. It was discussed that as the District explores e-balloting, then the results will be known prior to the meeting. Election procedure revisions would need to be made to notify candidates of the election results prior to the annual meeting including a change of the bylaws. It was noted that International notifies International candidates on the Friday a week before the annual meeting. A draft change to the bylaws is being drafted for discussion at the 2007 mid-year meeting.
- The District 6 Fellowship award was discussed. It was noted that the recipient must be a student member, reside in District 6, and attend a school in District 6.
- WesternITE Editor, Doug Smith, provided a general overview and status of the WesternITE. Doug was

congratulated for winning the best newsletter from International for the WesternITE publication.

- International Director Rock Miller will update the campaign election guidelines for the District.

Committee Reports

- Karen Aspelin, Technical Committee Chair, announced that the Section report awards were won by Northern California Section as small section winner and by Southern California Section as large section winner.
- Karen Aspelin, Technical Committee Chair, announced the Wayne T. Van Wagoner Award recipient as Steven Brown of Roseville, California.
- The Data Collection Fund recipients were Portland State University for "Saturation Flows at Signalized Intersections with High Pedestrian Volumes" and University of Hawaii-Monoa for "Calibration of Capacity Parameters for Signalized Intersections in Hawaii." Both student chapters are giving presentations at the annual meeting.
- Steve Sasaki, District 6 Membership Chair, announced that the Riverside/San Bernardino Section had the greatest increase in membership and the Idaho chapter won highest percentage membership increase.
- Legislative Committee Chair, Walt Stringer reported that the next issue of WesternITE will bring the District up to date on legislative issues.
- Craig Grandstrom, Career Guidance Chair, provided an updated on the Mentoring Program and noted that he is looking to increase participation in mentoring program over the next year. Craig received responses from the mentees who noted that it was rewarding experience. Jenny Grote commented that being a mentor is a rewarding experience and encouraged the ITE District 6 leadership and anyone interested to participate.
- Craig Grandstrom, Career Guidance Chair, announced the winner of the 2006 Young Professional achievement award as Alyssa Reynolds. The best paper by young professional recipient is Benjamin Waldman for his paper titled, "The Effects of Pedestrian Signals at Multi-Lane Roundabouts."
- Alyssa Reynolds, Student and Faculty

Initiatives Committee Report/Education Council, reported that 14 student chapters submitted annual reports.

- Alyssa announced that UNLV won best student chapter award and had significantly increased membership.
- Alyssa Reynolds described the student competition underway during the board meeting that consisted of a traffic calming course. Twenty-eight students participated in the student competition at the annual meeting.
- Alyssa Reynolds announced the winner of the student paper competition as Ivana Vladislavjevic, graduate student from University of Utah, who also won the International competition.

Future Annual Meetings

- Excellent presentations were given by the Alaska Section and the Arizona Section for the 2011 meeting. The Board voted to award the 2011 meeting to Anchorage, Alaska.
- Portland 2007 LAC provided a preliminary budget and discussed plans for next year's meeting in Portland, Oregon from July 15-18, 2007.
- 2008 Anaheim: the selection of the LAC chair being discussed by International.
- The 2009 Denver LAC is working with low, medium, high attendance for budgeting.
- LAC Chair Mark Spencer for the 2010 San Francisco meeting noted that the LAC is looking at hotel options in San Francisco and getting bids. Mark Spencer also noted that section officers and students from the Bay Area section are helping the Hawaii LAC and working at the 2006 Annual Meeting.

Budget

The draft budget as presented by Secretary-Treasurer Jennifer Rosales included increased funding in Awards to reflect the new awards created, increased funding in Student Chapter Initiatives, and adjusted income for WesternITE receipts to reflect recent experience. The budget as approved by the Board and forwarded to the membership for adoption has a \$10,750 deficit; however, the District has sufficient reserves to meet this net difference between income and expenses if it materializes.

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LEGISLATIVE UPDATE

As this column is written in early July, at the federal level, the House has already approved the FY07 Transportation appropriations bill (HR 5576) by a nearly unanimous vote, which would fund FTA programs at a record high \$8.979B, slightly above the amount in the SAFETEA-LU bill for FY07, and a 5% increase over FY06 authorizations. Due to incomplete rulemakings, such as for Small Starts, some programs are not yet funded under their current title. The Senate is expected to begin hearing their bill on July 18 or 20, with final action probably in the Fall of this year. Also passing the House in late June was a technical corrections bill for SAFETEA-LU (HR5689), which also reduced highway formula funds for research programs that were earmarked but not authorized. The Senate began hearing the Homeland Security Department appropriations bill on June 28, which

corresponds to a House-approved version, on June 6. Both bills contain transportation funding levels comparable to FY06, but could be amended before passage. In addition, a Senate Committee introduced bill S2791, to provide broad coverage of funding needs for ports and cargo plus transportation security.

In California, the Legislature voted to pass the State Budget in late June, which contains additional potential funding (based on excess tax revenues in June 2006 of nearly \$500M, as an example), which would be used in part to repay Proposition 42 'spillover' funds diverted away from transportation funding over the past few years. The increased gas tax revenue transfers would total \$1.4B with \$678M for Traffic Congestion relief, \$594M for the STIP, and \$148M for public transportation. The portion for the STIP contains funds for local governments, as they received

repayments at an earlier time. Also being provided is an early repayment (originally due in FY08) to the STIP of nearly \$500M in diverted funds, including a partial early repayment of funds diverted in FY04. The bottom line is that these funds, some of which can be applied to capital and/or operating, will allow additional state-funded projects to move ahead, and assist operational entities with mitigation of higher costs such as fuel expenses. In addition, in November voters will have the opportunity to decide on a package of four statewide infrastructure bonds (supporting various functions such as education, levees, parks, and transportation) with a total value of about \$37B.



Walt Stringer,
Legislative Chair

ANNUAL BOARD MEETING HIGHLIGHTS

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Annual Business Meeting Highlights

President Ken Ackeret led a moment of silence for members who passed away during the past year. President Ken Ackeret recognized the leadership of District 6 and International including officers, directors, committee chairs, and section and chapter presidents. The 2006 Honolulu local arrangements committee was recognized and thanked for all of their work with special recognition to Cathy Leong as Honolulu LAC chair.

International President Rich Romer presented the issues and opportunities being addressed by ITE International.

International Vice President Candidates Rod Kelly and Alf Guebert gave presentations on their vision and goals for ITE.

Secretary-Treasurer Jennifer Rosales presented the proposed 2006-07 budget, noting changes in awards, student chapter initiatives, and WesternITE receipts. The budget, as approved by the membership, includes \$321,950 in receipts and \$332,700 in expenses.

The selection of Anchorage, Alaska was announced as the site for the 2011 Annual Meeting.

The teller committee presented the results of this year's election with the following slate of officers for 2006-07:

President – Dalene J. Whitlock
Vice President – Jennifer Rosales
Secretary-Treasurer – Monica Suter
International Director – Randy McCourt
(three-year term begins January 2007)

The meeting was adjourned until 2007. A mid-year Board Meeting will be announced at a location to be determined for January 2007.

OUR NEW BOARD OF DIRECTORS



Monica Suter, Secretary-Treasurer; Jennifer Rosales, Vice President; Dalene Whitlock, President; Ken Ackeret, Past President

INTERNATIONAL DIRECTORS REPORT

The International Board met in San Antonio in March 2006 during the Spring Technical conference.

Last year closed with a slight increase in fiscal reserves, despite numerous surprises and obstacles. A deficit was expected due to the Australia venue for the annual meeting. Also, some major publications were not made ready for release and sale in time. Nevertheless, due to careful cost controls the year was completed with a net return to reserves. Reserves now stand at a healthy 62% of annual operating costs. The institute has experienced only one decrease in reserves in the past 20 years.

800 Phone Service: The Board carefully weighed the advantages and costs of instituting an 800 number for members to contact headquarters. The board concluded that demand was not high and that costs would outweigh benefits. The Board will explore other measures to enhance member/customer service in the future.

To assist in enhancing membership and other purposes, ITE will prepare a database that will indicate most major public jurisdictions, key staff, and geographic information, such as agency size. The database will be challenging to maintain, however it will be powerful in outreach to public agencies and in identifying transportation leaders who are not currently ITE members.

The Coordinating Council reported a large increase in council memberships across

the board due to the free Council Membership program. All councils will reach out to new members to determine how they might be able to become more involved in council projects. Councils are also developing performance measures and will identify "Cannot Fail" projects for priority completion.

The webinar program that was started last year is off to fast success. Enrollment in webinars has been promising and feedback has been positive. Suggestions for additional topics are welcome at ITE HQ. Strong topics, material that can be readily prepared is most desirable.

The Board held a discussion on the cost of ITE webinars compared to other providers. There are quality/cost issues, and ITE does not wish to reduce quality. The Board felt that topics that are most relevant to mega-issues should perhaps be subsidized to reduce costs and encourage greater participation. Ten thousand dollars was authorized for this purpose.

Board Policies: The board reviewed and approved a number of administrative changes in its policies regarding membership, annual meeting selection, and standards development and appeals.

Tom Brahm gave a presentation on a US conference and an India-based conference involving traffic safety in developing countries and in India. There appeared to be an urgent need for traffic safety knowledge and applications in India. He felt that ITE

could serve in a major role.

The Board voted to authorize a constitutional amendment to reduce the number of membership classes. The classification of Associate would potentially be removed and replaced by a graduated series of steps into the Member classification. This issue will require more study, especially with regard to its potential affect upon dues and revenues, however any future consideration of dues is expected to be revenue (cost) neutral.

The Board concurred in a practice regarding the amount of detail in the meeting minutes: The legal community generally advises that official meeting minutes and proceedings should not contain any more detail than necessary. This would consist of a summary of motions and actions, as well as evidence that the fiduciary duty of the entity is being maintained. Comments, discussion, identity of voters, etc., are not required. These rules would generally apply to Districts, Sections, and Chapters, as well. Each operating entity of ITE may wish to consider the amount of information that should be indicated in the minutes.

Please contact the International Officers or any of your International Directors if you have any questions about these items or other items that may be of interest to the board.



*Rock Miller,
International
Director*



Preliminary Call for Abstracts

**Institute of Transportation Engineers District 6
2007 Annual Meeting
Portland, Oregon
July 15-18, 2007**

"Prepare. Evaluate. Innovate. Sustain."

Get Ready for Portland 2007!!

****Combined District 6 and Quad Conference****

Abstracts will be due December 15, 2006

More information to follow on www.westernite.org and www.oregonite.org

ANNUAL MEETING WRAP-UP: LIVE A LITTLE, HAWAIIAN STYLE!

Thank you to the over 550 ITE members, friends, and families that joined us at the 2006 District 6 Annual Meeting in Honolulu, Hawaii, June 25-28, to experience life a little "Hawaiian Style." We were happy to welcome attendees from each of the thirteen states in District 6, as well as other states across the country, and Guam, American Samoa, Saipan, and Canada. The turnout for the Annual Meeting far exceeded our expectations with over 380 registered attendees including over 60 students and faculty, and over 80 individuals representing nearly 40 vendor companies.

Due to the extraordinary response to our meeting, we were able to offer a quality technical program that also included two training sessions and two tours. We were pleased to discover that attendance at the technical sessions increased rather than dwindled over the meeting's three days with some of the most highly attended sessions occurring on Wednesday!

In addition to the technical program, we were pleased to offer a full and fun social program as well! During the Get Acquainted Social on Sunday night, a student fundraising miniature golf tournament was held that raised over \$3,500 for the student endowment fund! Then on Monday night, close to 600 people gathered on the lawn near Waikiki Beach to experience an authentic Hawaiian luau! After a dazzling performance by three

Samoa fireknife dancers, ITE's own Rich Romer, John Kerenyi, and Rod Kelly were among those that unveiled their own extraordinary dance skills.



Aerial view of nearly 600 people gathered on the lawn near Waikiki Beach for a spectacular luau!

On Tuesday, the Hawaii Section introduced its first traffic bowl team who fared well, especially with the "Hawaii" category questions, but failed to qualify for the final round. The Southern California Section took first place with the Washington and California Border sections following closely behind. Later that evening, attendees were invited to relax and enjoy life "Hawaiian Style" at the Annual Awards Banquet. Each attendee was greeted warmly with an orchid lei and a hug before finding a seat at one of the beautifully decorated tables.

At the end of the awards program, guests were introduced the local version of the rock-paper-scissors game referred to as "Jan Ken Po" in Hawaii. The ultimate winner at each table was rewarded with the table centerpiece which featured plumeria candles floating in a handcrafted monkeypod bowl.



*Cathy Leong,
General Chair*

The meeting concluded on Wednesday with record-breaking attendance at the Western States Luncheon. The tremendous success of this Annual Meeting was primarily due to the dedication and hard work of the Local Arrangements Committee and the support of the Hawaii Section Board and members. The Hawaii Section may be one of the smallest sections in the District, but every member of our section contributed to ensure that this was one of the most successful Annual Meetings ever. Planning a District 6 Annual Meeting was an enormous undertaking for us, but we are a stronger section for having done it! We are looking forward to the next Annual Meeting and hope to see you all in Portland.

MAHALO, HAWAII LAC!



Ken Ackeret (far left) presents to Honolulu Local Arrangements Committee (left to right): Cathy Leong, General Chair; Richelle Takara, Vice Chair; Ricardo Archilla, Technical Facilities Chair; Matt Alonzo, Registration Chair; Irene Wong, Publicity Chair; Cheryl Yoshida, Exhibits Chair; Pete Pascua, Technical Tour Chair; Walter Okitsu, Technical Program Chair; and Fred Smoot, Finance Chair. Not pictured: Wayne Yoshioka, Traffic Bowl Chair and Wayne Kawano, Activities Chair.

EDITOR'S CORNER

If you have read the articles before you got this far, you have already realized what a success the Annual Meeting in Hawaii was. Because the meeting was in late June with the July 4th holiday following, we held the newsletter until all meeting information could be included. We want to thank all of our advertisers for their patience while we delivered this issue.

At the Annual Meeting, we were informed the WesternITE was the winner of the International Best Newsletter award (circulation over 500). An incredible team of volunteers have been responsible for this success. First of all, is our most recent past editor, John Kerenyi, who provided the foundation that we have been building on. We also would like to recognize Nate Larson, Technical Editor and Jon Pascal, Webmaster. This team of volunteers deserves our appreciation.

As Editors' of WesternITE we were also responsible for two awards given at the Annual Meeting. The Wisest and Windiest Scribe went to Curtis Rowe of the Colorado-Wyoming Section. He received the illustrious Fur-lined Pot. The WesternITE Editorial Award went to Joseph A. Hart, Lawrence J. Corcoran and William C. Fox for their paper "Play Streets in Suburban Neighborhoods." None of these outstanding men were able to attend the meeting, but some very rowdy Colorado-Wyoming Section guys leaped up to accept in their honor.

Our children really enjoyed playing with the next generation of traffic and transportation engineers in Hawaii. Our daughter, Reiver, was able to break all language barriers with magic words: "Aloha" and "Dory." (There was an aquarium in the front of the hotel with a fish from "Finding Nemo" in it. That movie is apparently very big in Japan, too.)

We really enjoyed the excellent childcare provided by Hawaii volunteers so we could both attend the awards dinner. We're looking forward to a great time in Oregon next year.

Your WesternITE Editors,
Michelle Bitner Smith
Doug Smith



Doug Smith presents the WesternITE editorial award to Will Johnson, accepting on behalf of Joseph A. Hart, Lawrence J. Corcoran and William C. Fox.



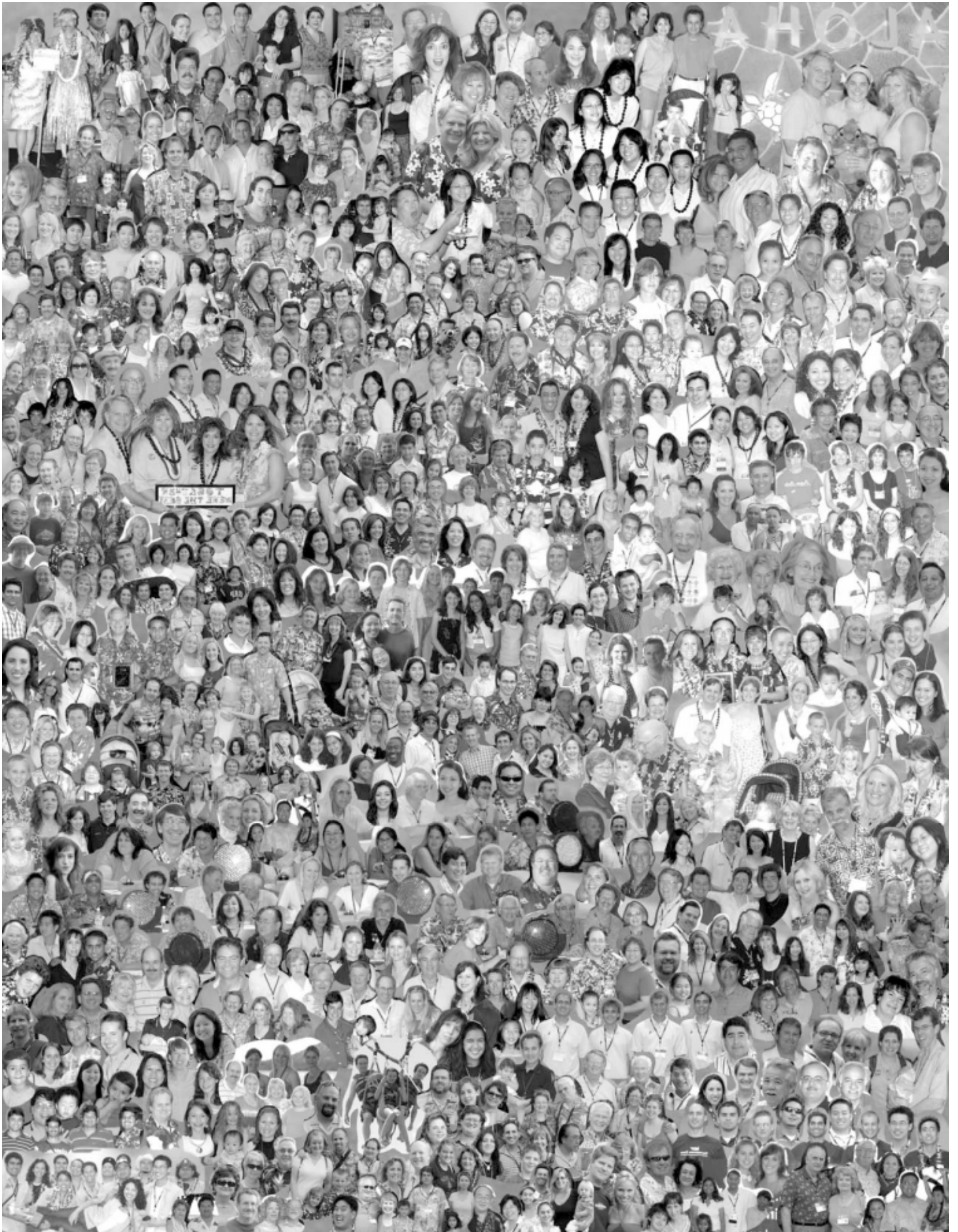
Giovanni Fares, Reiver Smith and Fenway Smith enjoying the luau.



Technical Editor Nate Larson's brood.



Ken Ackeret, Nate Larson and Doug Smith. Nate accepts the fur-lined pot on behalf of Curtis Rowe, winner of the Wisest and Windiest Scribe.



AWARD WINNERS FOR 2006



Ken Ackeret presents Outstanding Undergraduate award to Victor Ling.

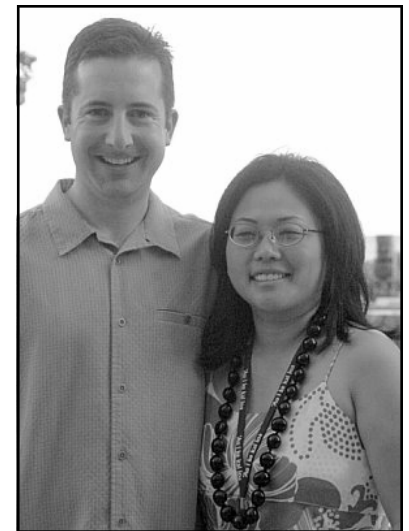


Craig Granstrom with Young Professional Achievement Award winner Alyssa Reynolds.



Karen Aspelin presents Wayne T. Van Wagoner award to Steven J. Brown.

James H. Kell Student Competition	Gotham City Transportation Authority—Steven Vander Giessen (VW), Jorge Cervantes (CPP), Omar Sanchez (CPP) and Vamsi Suapaneni (UNLV)
Outstanding Student Paper	"Impact of Cell Phone Conversation While Driving on Car Following Behavior," Ivana Vladisavljevic, University of Utah
Young Professional Best Technical Paper Award	"The Effects of Pedestrian Signals at Multi-Lane Roundabouts", Benjamin Waldman and Bart Przybyl
Student Chapter Award for Best Student	University of Nevada, Las Vegas
Wayne T. Van Wagoner Award <i>(for best paper by a District 6 member published in ITE Journal)</i>	Steven J. Brown
Annual Meeting Best Paper Award	"Development of the Bellevue Real Time Arterial Traffic Flow Map," Fred Liang
WesternITE Editorial Award <i>(for best paper published in WesternITE in the previous year)</i>	"Play Streets in Suburban Neighborhoods," Joseph A. Hart, Lawrence J. Corcoran and William C. Fox, July/August
Section Activities Award	<i>Large Section (over 300 members):</i> Southern California <i>Small Section (under 300 members):</i> Northern California
Membership Award for: Highest Number Gain Highest Percentage Gain	Riverside-San Bernardino (9 members) Idaho Chapter (16%)
Outstanding Web Site Award	Hawaii Section
Traffic Bowl	First Place: Southern California Section Second Place: Washington Section Third Place: California Border Section



Individual Achievement Award winner Michael Sanderson with LAC Chair Cathy Leong.



Southern California Traffic Bowl champions: Peter Clark, Ed Cline, Wes Pringle, Rock Miller, and Monica Suter.

Lifetime Achievement Award	Hank Mohle
Lifetime Achievement Award	Jerry Hall
Individual Achievement Award	Michael Sanderson
Young Professional Achievement Award	Alyssa Reynolds
Outstanding Undergraduate	Victor Ling, Cal Poly Pomona
Outstanding Graduate Student	Steve Boice, Portland State University
Wisest and Windiest Scribe Award	Curtis Rowe, Colorado-Wyoming Section

SECTION AND CHAPTER ACTIVITIES

CENTRAL CALIFORNIA SECTION



July 19, 2006 Meeting

Our Central California Section quarterly meeting was held July 19, 2006 at the Visalia Holiday Inn Hotel & Conference Center in Visalia. The meeting was sponsored by Citilabs. With 60 members and guests in attendance this was one of our largest turnouts ever.

Business Meeting

A new slate of officers was elected for the 2006-2007 year. New section officers are: President Gary Mills; Vice President Lisa Wallis; and Secretary/Treasurer Dennis Mills.

Raffle

Kirstine Cai was the winner of an Ipod Nano provided by Citilabs and Lisa Wallace took home an Applebees' gift card provided by Omni Means.

Technical Sessions

Our first speaker was **Matthew Martimo**, Director of Traffic Engineering for Citilabs. Matthew spoke on Operational Analysis of Travel Demand Model Results. Matthew discussed how travel demand models are widely used to forecast future traffic levels for almost all major roadway design projects. He indicated that their macroscopic nature means that they are generally very regional in nature and provide forecasts on primarily freeways and arterials. In addition, he indicated that the models are calibrated using macroscopic parameters and daily link traffic counts. His presentation focused on options for taking the macroscopic model results and disaggregating the information such that it can be used to forecast operational level parameters like turning movements and level of service.

Theodore Wright, City Program Manager for the City of Bakersfield, spoke on the Bakersfield Systems Study and the Thomas Roads Improvement Program. Ted discussed the recent tremendous growth in Bakersfield and informed us about the Bakersfield Systems Study (a study that quantified Bakersfield's circulation issues and proposed solutions). Ted then presented information on the Thomas Roads Improvement Program (TRIP) and the projects they are doing with the recent earmarks in the SAFETEA-LU

highway bill.

For additional information you can check their website at

www.bakersfieldfreeways.us

Future Meetings

October 18, 2006 – Fresno

Sponsored by Prism Engineering Roundabouts

January 17, 2006 - Visalia

Nazir Lalani

Tort Liability: The Public Agency Perspective, and

Tort Liability: The Civil Engineer's Role as a Witness.



*Mike Bitner,
Past President*

COLORADO-WYOMING

May 2006

A luncheon meeting for the Colorado/Wyoming Section of ITE was held on Friday, May 5, 2006 at the Holiday Inn – Denver Central in Denver, Colorado. Section President, Will Johnson, presided over the meeting that was attended by 90 members and guests. Prior to the meeting, a MUTCD Update Course and panel discussion was offered that included 55 members in attendance.

The meeting began with Dave Hattan, Awards Committee Chair introducing Edward Stafford as the winner of the 2005 Transportation Professional of the Year Award. Edward was recognized as being the chair of the Website Committee and getting the Colorado/Wyoming Section technologically advanced. Following, District 6 President, Ken Ackeret, provided Edward Stafford another award recognizing him for his volunteer work with the Section. Edward was provided a proclamation from the District declaring, Friday, May 5, 2006, as "Edward Stafford Day".

Scott Lewis, Scholarship and Career Guidance Chair then introduced Michael Tomasini from the University of Wyoming as this year's winner of the ITE Colorado/Wyoming Section Scholarship. Michael was in attendance at the meeting and accepted the award. The meeting then



included the Section Secretary/Treasurer Candidate Statements. Craig Faessler from the City of Littleton and John LaSala from the City and County of Denver are the two candidates running for the Secretary/Treasurer position for the Section. Following, Eric Boivin, Activities Committee Chair announced upcoming Section activities to include a Harley Ride, a Rockies Baseball Game, and a trip to Black Hawk and Central City. John Seyer, Golf Committee Chair announced the upcoming golf tournaments. These are set for Friday June 16th at the Lone Tree Golf Club and Friday, September 29th at Vista Ridge Golf Course in Erie. Joe Henderson, Section Secretary/Treasurer then recognized Mr. Forrest Dykstra as the winner of this month's newsletter contest.

Following, Bill Hange, Section Vice President introduced the program speaker, Mr. Ron Hensen, Principal with SEH. Mr. Hensen's presentation, titled, "How Many Ways Can One Blame the Road: Public Agency Roadway Accident Lawsuits", was very informative and educational. The topic covered the issues with what happens when we build or don't build something and someone gets hurt. His presentation included numerous photographs detailing issues related to incidents with possible roadway defects.

The Colorado/Wyoming Section contact is Will Johnson at LSC Transportation, 303-333-1105; will.johnson@lscdenver.com. Also, please visit our section's website at www.cowwite.org.



Curtis D. Rowe, Scribe



CALIFORNIA CENTRAL COAST

May 2006

Our May meeting was held at the City Hall in the City of San Luis Obispo on May 9th. The local student chapter from Cal Poly turned out in force outnumbering the members. We had a total of 17 students, 15

(Continued on page 12)

SECTION AND CHAPTER ACTIVITIES

(Continued from page 11)

members and 3 guests. We had a great presentation by Tim Bochum, Deputy Director of Public Works and Jake Hudson, Assistant Engineer- Traffic with the City of San Luis Obispo. Their presentation was on "Effective Visual Simulation in Highway Design: Solving the Prado Road Puzzle". It was truly a visual art form. The way they were able to overlay road improvements with graphic and aerial photos and then turn it into a simulation was amazing. It really painted a visual picture for the audience on future road widening, park setting, soccer fields, sidewalks and elevation differentials.

Meeting was ended on farewell note. Ray Chong, Central Coast Vice President and City of Camarillo Traffic Engineer has taken the position of Deputy Director of Public Works and Engineering Department for the City of Houston. President Lisa Valdez and Past President Farhad Miran spoke about Ray's hard work, endless hours of volunteering, picture taking, being the Scribe, and dedication to Central Coast Section. He was an asset to our section and will be missed, but will be Houston's gain.

June 2006

The next meeting took place a little more south of San Luis Obispo in the town of Buellton. We met at Pea Soup Anderson's Restaurant right off Highway 101 and enjoyed a wonderful buffet featuring their signature Split Pea Soup. We had 20 members show up to learn more about the new 2006 Work Area Traffic Control Handbook presented by David Royer from UC Berkeley, ITS. All those in attendance received a new handbook to refer back to regarding David's fine pointers. It was a very lively topic with many asking questions regarding traffic control.

Future Meetings

The next two meetings will be August 8th in Thousand Oaks at the Hungry Hunter Steakhouse with Jim Thorsen, City of Agoura Hills presenting "US 101 Freeway/ Kanan Road Interchange - What a Strange Trip" followed by the October 10th meeting in Mussel Shoals at the Mussel Shoals Restaurant. This meeting will feature "Video Detection at Traffic Signals on the Central Coast" presented by Nazir Lalani of the County of Ventura.

Robert Sweeting,
Secretary



SAN FRANCISCO BAY AREA ITE/SBTOA

May 2006

The May meeting was held on 18th (The Bike to Work Day) at Caltrans District 4 Headquarters in Oakland. Over 50 attendees were present and some attendees rode their bikes to the meeting to support the Bike to Work Day. (See photos on www.sfbayite.org.) The topic was Innovations in Bicycle Facility Design. Two speakers were invited: Mr. John Ciccarelli, Senior Planner with Korve Engineering. Mr. Mike Sallaberry, Associate Transportation Engineer with San Francisco Municipal Transportation Agency Department of Parking and Traffic.

Mr. Ciccarelli presented FHWA MUTCD guidelines of designing bicycle facilities. John not only showed us a range of bicycle facility design samples in California, but also in other states, such as Portland, Oregon. He explained different functionality of various designs. John specifically pointed out the severity of "Dooring" related bicycle accidents and how to mitigate it.

Mr. Sallaberry gave us a nice introduction about bicycle programs and the vision of the City and County of San Francisco. He presented some on-going projects and also some future plans in the region. Mike also showed us various signages of bicycle facilities in the jurisdiction.

For detailed PowerPoint presentations of the meeting, please visit <http://www.sfbayite.org/>.



Pratyush Bhatia,
Co-Scribe



Allen Huang,
Co-Scribe



NEW MEXICO SECTION

April 6, 2006

Location: El Pinto Restaurant,
Albuquerque, NM
Attendance: 30

Announcements: Parker Bell recommended that the NM Section proceed to have our designated change in the NM traffic code related to unsignalized T intersections traffic control reviewed by the Governor's legal task force to see if they would sponsor it for recommended introductions and passage as a bill in the 2007 NM Legislature. The chair of the ad-hoc committee working on this is Nevin Harwick. He will be asked to respond to this recommendation.

It was announced that the UNM Student Chapter will provide speakers for our May meeting.

Program: the City of Albuquerque Mid-Block Enhanced Bicycle - Pedestrian Crossing Safety Improvement Project.

The goal of the project was to develop a prototype or standard for an enhanced crossing on a bikeway trail where it crosses an arterial. However, the findings during the project development process were that the site specific criteria generally controls the type of design.

Questions: Operationally will the City of Albuquerque operate flashers only on the pedestrian/bike intersection or will it conflict with other locations where there is continuous flashing? For actuated flashing options, how long would it last before shutting off? Bicyclists, pedestrians, and handicapped pedestrians all have different street crossing speeds.

No crosswalk markings were recommended during the design process.

The revise project cost to construct is \$425,000.



Steve Eagan,
Secretary-Treasurer

POSITIONS AVAILABLE



TRAFFIC ENGINEER

IBI Group is a multi-disciplinary, international consulting firm offering services in four areas of practice:

Transportation, Urban Land, Facilities, and Systems. Our Seattle office is currently involved in multiple Washington State Department of Transportation and local jurisdiction design projects, including signal design, bus rapid transit, and electronic toll collection.

We are seeking a traffic engineer with three to ten years of experience. Areas of interest should include traffic signal design, roadway geometric design, transit signal priority, traffic impact and parking studies, traffic operations analysis, and Intelligent Transportation Systems. Excellent written and oral communication skills are required. A Bachelor's or Master's degree in Engineering is required. Eligibility for registration as PE or PTOE is desirable.

To learn more about the firm, consult our website at www.ibigroup.com. For consideration, please e-mail a resume to receptionist@ibigroup.com. EOE.



CADD TECHNICIAN/ TRAFFIC ENGINEER

Short Elliott Hendrickson Inc. (SEH), a leading multi-disciplined consulting firm is looking for a Traffic Engineer for our established Colorado traffic engineering practice. Candidate could work out of any of our Colorado offices (Denver, Boulder, Grand Junction, Ft. Collins, and Pueblo).

Candidate must have a bachelors degree in Civil Engineering; State of Colorado PE registration (or the ability to obtain Colorado

registration within 6 months of hire); and 7+ years experience in traffic/transportation engineering and planning. Experience in traffic signal design, signing and striping plans, traffic impact studies and transportation modeling highly desired. Working knowledge of HCS, Synchro, TransCad, CORSIM and VISSIM software is also desired. Project management experience is a plus.

SEH requires strong communication skills, client relation skills and a commitment to continuous improvement principles.

We offer an excellent benefit and compensation package. Please send resume and salary history to: hr@sehinc.com or fax to 612.758.6712. Please refer to Job 0028. www.sehinc.com AA/EOE

HNTB

HNTB has openings for a **Senior Transportation Planner** in both of our Orange County and San Diego, CA offices.

The successful candidate should have strong analytical, computer, written, and communication skills. Candidates must have demonstrated track records in managing medium to large-scale transportation planning projects, including area-wide studies, corridor studies, transit studies, PSRs, and traffic circulation studies. Candidates with hands-on experience in travel demand forecasting and traffic operations software are preferred. Requirements Candidates must have a bachelor's or master's degree in transportation planning/engineering or related field with a minimum of 8 years experience.

To apply: www.hntbcareers.com (requisitions: 06-0424 Orange County or 06-0426 San Diego)

HNTB has openings for a **Senior Traffic Engineer** in both of our Orange County and San Diego, CA offices.

The successful candidate should have with strong analytical, computer, written, and communication skills. Candidates must have demonstrated track records in managing medium to large-scale traffic engineering projects, including traffic operations analysis, traffic engineering/safety, signal systems and signal design. Candidates with hands-on experience in traffic operations/simulation models (HCS, SYNCHRO, VISSIM) are preferred. The ideal candidate should be a licensed TE or CE in the State of California.

Requirements Candidates should have a bachelor's or master's degree in transportation engineering or related field with a minimum of 8 years experience. To apply: www.hntbcareers.com (requisitions: 06-0427 Orange County or 06-0428 San Diego)

TRANSPORTATION PLANNERS

Santa Clara Valley Transportation Authority is recruiting for **Transportation Planners II and III**. This current vacancy will be assigned to the Transportation Systems and Operations Work Unit of the Development and Congestion Division. Salary: Planner II \$4,641-\$5,613; Planner III \$5,558-\$6,733. Additional information and requirements at www.vta.org. Send completed application and supplemental question answers to VTA, 3331 North First Street, Building B!, San Jose, CA 95134. (408) 321-5575 VTA offers generous benefits including employer paid PERS retirement, choice of health plans, vision and dental coverage, life insurance, liberal holiday, sick leave and vacation time, deferred compensation, employee assistance program, credit union and income protection options.

TRANSPORTATION ENGINEER

Enjoy life and career at beautiful Lake Tahoe. LSC Transportation Consultants, Inc., a well-established California- and Colorado-based transportation engineering/planning firm, is seeking a Transportation Engineer for its office in Tahoe City, California. BS in Transportation/Civil Engineering or related field, and EIT. Transportation engineering experience preferred. Must be able to work independently, with strong writing and analysis skills. Work includes traffic modeling and impact analysis, parking analysis. Competitive salary DOQ and excellent benefits, with flexible work environment. Email to info@lsctahoe.com or call Susan at 530-583-40535.

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POSITIONS AVAILABLE

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#ITE211

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TRANSPORTATION ENGINEER- Project Engineer/Project Manager Pasadena, CA

The qualified candidate should have 5 to 15 years of transportation planning experience. The candidate will need to demonstrate significant experience in preparing (and overseeing the preparation of) traffic impact studies for development projects. Experience in preparing parking demand studies (e.g., using ULI Shared Parking methodology) and site access/internal circulation reviews is also required. Registration as a Civil Engineer and/or Traffic Engineer in California is highly desirable. The candidate should possess excellent verbal and written communication skills, and have a good driving record and a valid California driver's license. Demonstrated experience in providing testimony at City Planning Commission/City Council hearings is also a plus. Qualified applicants please submit a letter of interest and their resume to look-jaeger@llgengineers.com or fax to (626) 792-0941.

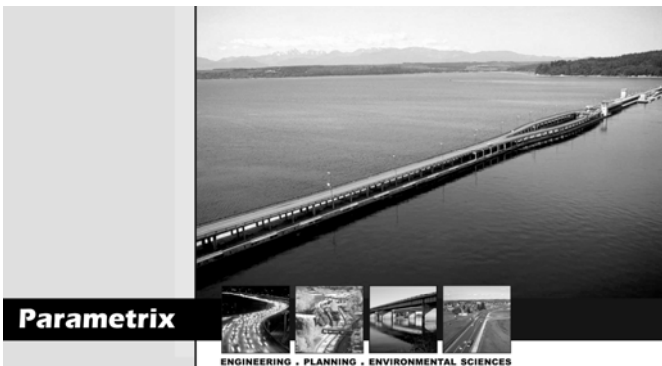
TRANSPORTATION ENGINEER Costa Mesa, CA

The qualified candidate should have at least 5 to 7 years of transportation planning and design experience and shall be a registered Civil Engineer in California. Traffic registration is also desirable. The candidate should possess excellent verbal and written communication skills; have a

PRINCIPAL CIVIL ENGINEER ASSOCIATE TRAFFIC ENGINEER City of Huntington Beach, CA

Transportation Division Principal Civil Engineer plans, organizes and supervises the work of engineers and technical staff in the design and construction of traffic signal, lighting, traffic control, delineation, and development review; performs difficult and complex traffic engineering work. Must have specialized knowledge and experience in traffic engineering and transportation planning. Requires Bachelor's in Civil Engineering, 5 years experience in public works engineering and PE registration.

The Associate prepares plans, estimates, specifications and reports for traffic control facilities improvement and repair; coordinates activities of



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good driving record and a valid California driver's license. The position will be responsible for the preparation of signing and striping, traffic signal, traffic control and street lighting plans. Planning experience in the preparation and review of traffic impact studies and parking studies is also desirable, as is municipal traffic engineering experience. Qualified applicants please submit a letter of interest and their resume to barretto@llgengineers.com or fax to (714) 641-0139.

ENTRY LEVEL TRANSPORTATION ENGINEER San Diego, CA

The qualified candidate should have a bachelor's degree in Civil Engineering or a related field. Experience preparing traffic engineering design plans is preferred, such as traffic signals, traffic signing/striping, roadway lighting, and construction traffic control (maintenance of traffic). Experience preparing traffic impact studies is also desirable. The appropriate candidate will have 1 to 2 years of traffic engineering

design experience after graduation and a desire to assist growing a successful design practice. Qualified applicants please submit a letter of interest and their resume to keating@llgengineers.com or fax to (858) 300-8810.

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analyses.

QUALIFICATIONS: Requires a B.S.C.E. and P.E. with a minimum of 5 years experience in traffic control design and construction document preparation. Must have excellent writing skills for preparation of project correspondence and other documents. Requires knowledge of general state DOT highway document requirements with strong preference for ODOT. Must have ability to work in Microstation.

If interested, email:

hr_recruiting@tylin.com

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- N06-801**

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Candidate must have an undergraduate or graduate degree in transportation planning or engineering, and over five (5) years of relevant professional experience. Knowledge of traffic operations software, traffic simulation packages, travel demand modeling, and bicycle/pedestrian issues are required. Mid-level staff is required to manage small projects, manage tasks on larger projects, and review and train junior staff. In addition, mid-level staff must have the ability to work closely with clients and agency staff, including attendance at public meetings and other events. Please send resume via email to Jobs@Korve.com. EOE. PLEASE REFERENCE 'TRENG N06-801' IN THE SUBJECT LINE.

Junior Transportation Engineer/Planner – N06-011

Candidate should have an undergraduate or graduate degree in transportation planning or engineering. Knowledge of traffic engineering and

planning fundamentals, including intersections levels of service, plus transit, parking, pedestrian and bicycle conditions is preferred but not required. Experience with traffic operations software is a plus. Under direction of mid-level and senior staff, junior-level staff will conduct various transportation analyses for inclusion in environmental review documents and planning studies. Please send resume via email to Jobs@Korve.com. EOE. PLEASE REFERENCE 'JRTRENG N06-811' IN THE SUBJECT LINE.

CITY TRAFFIC ENGINEER

Everett, Washington

The City of Everett is hiring a City Traffic Engineer who will plan, organize and direct the activities of the Traffic Engineering Division of the Engineering & Public Services Department. Candidates must have a bachelor's degree in Civil or Transportation Engineering, 4 years of traffic & transportation engineering

experience (e.g., transportation planning, traffic operations, computerized traffic signal control & development plan review) with 2 years supervisory and management experience. WA PE license is required, or obtained within six months of hire. \$5975 - 7772/month plus benefits. Application materials may be obtained from the City of Everett Human Resources Department, 2930 Wetmore Avenue, Suite 6A, Everett, WA 98201; (425) 257-8768 or by accessing the City's website at www.ci.everett.wa.us. See website for full description. Open until filled.

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DEPUTY DIRECTOR OF PUBLIC WORKS-TRAFFIC ENGINEERING DIVISION

The vibrant city of Vacaville (pop. 97,000), one of California's most attractive family communities, is seeking a dynamic individual to oversee the Traffic Engineering Division of the Public Works Department. The Deputy Director manages the Traffic Engineering Division and is responsible for the development, implementation and operation of a comprehensive municipal transportation program, including the City's public transit system, operated by an outside contractor. The Traffic Engineering Division is comprised of a staff of five full-time employees and provides a full range of traffic engineering services. This position will manage various traffic engineering projects in the City's Capital Improvement Program (CIP). An incumbent should have strong budgetary and presentation skills and the ability to act as a representative of the department to outside agencies, the local community and professional groups. The ideal candidate will bring proven engineering skills, management aptitude, a collaborative team-oriented style and a commitment to excellence. This position requires a minimum of five years of increasingly responsible engineering experience in a supervisory and managerial capacity in a municipal public works organization or, consulting engineering experience, including two years of management responsibility. Appropriate degrees, including possession of a certificate of registration as a Professional Civil Engineer in a state in the United States, and the ability to obtain a California Traffic Engineer registration, is required. The salary range for this position is \$113,005-\$137,364, annually plus an excellent benefit package.

A formal job announcement for this position and application packet is available

on our website www.cityofvacaville.com or by request at jobs@cityofvacaville.com or by phone (707) 449-5303. Final filing date for this position is July 24, 2006.

DMJM HARRIS
Sr. Traffic Engineer
Tucson, AZ

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Successful candidate will have traffic engineering design experience and solid working knowledge of traffic analysis software programs. Design experience with ADOT and/or Arizona municipalities as it relates to highway geometrics, maintenance of traffic, signing and


pavement markings, and lighting is preferred. Candidate will be responsible for overseeing traffic engineering aspects of the firm's larger projects, including preparation of reports and studies for various transportation facilities and traffic engineering projects. The candidate will provide overall project direction to the project team(s) while providing information about the status of the project to others in the firm. He/she will be accountable for the development, coordination, and execution of design activities of moderate complexity, including project budgets and schedules. Candidate must be willing to mentor younger staff.




Proficiency in CORSIM, SYNCHRO and HCS traffic analysis software, Microstation and Microsoft Office is required. Effective oral and written communication skills are a must.

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