

President's Message

I would like to thank all of you for participating in our District 6 student endowment survey. The results were as follows:



- You are aware of the ITE District 6 student initiatives.
- You support having ITE District 6 continue with student initiatives.
- While there is a diversity of opinion on how to fund student initiatives, you support (by a 2 to 1 margin) a blended or hybrid plan of funding that contains incremental dues increases of 10% (less than \$10 annually) and establishing a modest endowment fund (\$300,000 to \$500,000).

I have asked our Advisory Committee, headed by Randy McCourt, to review the survey and take the steps necessary to establish the endowment fund. The District 6 Board will take up the topic of a dues increase and other funding strategies at our Annual Meeting in Montana. Please feel free to contact me or any officer to share your views on

(Continued on page 8)

What's In This Issue

California T.E. License News	2
New Managing Editor Wanted	3
Section and Chapter Activities	5
Local Leadership Feature	9
Positions Available	10
Legislative Update	13

News Flash: Playing in the Street Okay

Play Streets in Suburban Neighborhoods

By Joseph A. Hart, P.E., Lawrence J. Corcoran, P.E., and William C. Fox, P.E.

Douglas County, Colorado, is experiencing neighborhood design and social trends that include popularity of street sports, increased parental concerns for child safety, and suburban development with over 1,150 cul-de-sac streets. Residents on one cul-de-sac requested a Play Street designation so their children could legally play in the street. Prior to the request, the Sheriff had made over 60 visits responding to illegal street play, with a number of citations issued.

The allowance for local authorities to designate a Play Street is provided in Colorado Revised Statute 42-4-109(9) which states that: "No person shall use the

highways for traveling on skis, sleds, skates... toy vehicle, or similar device to go upon any roadway except while crossing a highway in a crosswalk... *This subsection (9) does not apply to any public way which is set aside by proper authority as a play street and which is adequately roped off or otherwise marked for such purpose.*" (Emphasis added)

A variety of Play Street laws and ordinances were found through research. Examples were only found in dense urban locations. No applicable examples were found in suburban locations.

Douglas County worked with the Colorado/Wyoming Section of ITE to create a Play Street Technical and Legislative sub-committee to consider Play Street issues and develop uniform traffic control applications. The committee included the following representatives:

- Jennifer Jepsen-Cook, Arapahoe County DSIM

(Continued on page 4)



Are these people scofflaws? Not since they got permission to play in the street from their county!

California Unveils Rewrite of its Professional Engineers Act

by Walter Okitsu, P.E., PTOE, District 6
California Traffic Engineering Registration
Chairman

A proposed re-write of the Professional Engineers Act is going through the California legislature. As amended in June 2005, Senate Bill 246 (Figueroa) would convert chemical, petroleum, traffic, control systems, fire protection, and nuclear engineering titles into practices. These six former titles would overlap into civil, electrical, and mechanical engineering, and vice versa. Holders of a P.E. in one discipline would be allowed to perform work within another discipline that is incidental and in connection with work in the P.E.'s own discipline, provided that the P.E. is competent in that work.

SB 246 would allow professionals who are not P.E.'s to practice aspects of engineering even if those aspects fit in the definitions of one of the engineering disciplines. This means, for instance, that a transportation planner can continue to perform capacity analysis. However, professionals without a license will not be able to sign and stamp plans, specifications, calculations, and reports.

The Registered Traffic Engineers of America (RTEA) has joined a coalition with engineering societies in several other disciplines. The coalition has agreed to unite unanimously behind the bill. Realistically, Senate Bill 246 is seen as the best deal that the traffic engineering profession will ever get. Without SB246, California would remain in its current situation, with traffic engineering

remaining only a title rather than a practice, T.E.'s still not able to sign plans, not able to become PTOE's, and traffic engineering still faced with elimination by a vote of the Board for Professional Engineers.

RTEA is encouraging California traffic engineers to support SB 246, by encouraging them to write to their local legislators, and by having city and county agencies express their support through lobbyists. If you have further questions, contact Walter Okitsu, ITE District 6 Traffic Engineering Registration Chairman, phone (323) 260-4703 x3121, fax (213) 947-1004, e-mail WOkitsu@KatzOkitsu.com.



Walter Okitsu

In Western ITE 50 Years Ago

[The July-August 1955 WesternITE had the following reports from local chapters and sections. Some issues were put to rest a long time ago; some we're still wrestling with today.—Ed.]

Inter-Mountain Area

Al Pepper's Traffic Operations Section has been receiving inquiries from far and wide about an article in the July issue of "Popular Mechanics" reporting that Colorado highways are now being marked with all-plastic signs that are rubberized to withstand rough treatment. While it might not be a bad idea to endow road markers with the ability to slap back at unfriendly motorists or sign vandals, Al explains that the Department has neither conducted research on the plastic sign material nor changed existing sign specifications. Hence, the magazine story about rubberized signs bouncing around on Colorado highways can be labeled a good piece of "science fiction."

Jack Bruce reports that "Operation Big Switch" in Denver's downtown traffic control plan has turned out to be quite

successful and well-received by the metropolitan driving public. Following the San Diego meeting of Western Section ITE, Jack escorted Al on a personal inspection tour of the business area and demonstrated how a motorist can now traverse the entire length of one of the City's oldest thoroughfares at a speed up to 35 MPH at certain times under the present progressive signal system. Reminiscing on the marvelous changes brought about in his native city over a relatively short span of years, Al says he can still remember seeing Buffalo Bill strutting down this same street uninhibited by pedestrian walk-wait lights or other traffic control devices.

Something of an innovation in sign installation procedure may be seen in the downtown Denver business district. Parking meters may have been decapitated in newly-established bus loading zones and extended meter posts utilized for mounting Bus Stop signs and posting parking prohibition markers. Later on, special signs designed to fit right over the parking meter heads will be placed to provide adequate notice of changes in permissible and

restrictive parking regulations.

Ellis Mathes and Lew Ross report that the Idaho Department of Highways has been given the green light for the installation of "YIELD RIGHT OF WAY" signs on the State Highway System. An opinion received from the Attorney General's office declares that the State is legally protected in the use of triangular Yield signs.

Positions Available

[This job description from 1955 sounds amazingly similar to some in the back of this issue! I would hold out for more salary, though, before taking it today.—Ed.]

Sacramento Area

Jack Faustman has an opening on his staff for an assistant traffic engineer in research and planning. Duties include: preparation of long-range street development plans; design of traffic signal systems; supervision of traffic signal installation, operation, and maintenance; supervise and analyse traffic studies, and

make recommendations for changes and improvements. Applicants must hold a bachelor's degree in civil engineering from a recognized college or university and have at least two years experience in professional traffic engineering or be an associate member of the Institute of Traffic Engineers. Graduate work in traffic engineering may be substituted on a year-for-year basis for traffic engineering experience. The position carries the rank of associate engineer and salary range is from \$480 to \$575.

Have you purchased your copy of the WesternITE Compendium yet? To order, please contact the San Diego State University Student Chapter at SDSU_ITE@hotmail.com or (858) 560-4911.



Abstracts Due for 2006 ITE International Meetings

ITE invites you to submit an abstract of a paper that you would like to have considered for presentation at the ITE 2006 Technical Conference and Exhibit, "Transportation Solutions for the Real World" (to be held in San Antonio March 19-22), and/or the ITE 2006 Annual Meeting and Exhibit (to be held in Milwaukee August 6-9). Abstracts must be submitted by 5:00 p.m. EST, Thursday, September 1, 2005 for consideration. Please visit the ITE Web site at www.ite.org to submit or to obtain more information.

New this year! You can submit session topics for consideration. Click "Propose a Session" on ITE's home page.

Fannie Mae Promotes Livable Communities

Now it really pays to make smart transportation choices when you are a home buyer. Fannie Mae is providing better mortgage terms for people in Seattle, San Francisco, Los Angeles, and Chicago who select convenient neighborhoods for using all modes of travel.

The Location-Efficient Mortgage® (LEM), is a mortgage that helps people become homeowners in location-efficient communities. These are convenient neighborhoods in which residents can walk from their homes to stores, schools, recreation, and public transportation. People who live in location-efficient communities have less need to drive, which allows them to save money and improves the environment for everyone.

The LEM combines a low down payment, competitive interest rates, and flexible criteria for financial qualification to allow more people to own the home of their dreams.

For more details, go to <http://www.locationefficiency.com/>.

Submitted by Randy McCourt

WANTED: New Managing Editor



John Kerenyi will complete three years of service as Managing Editor as of the November-December issue, and is intent on fostering an on-time transition of duties to someone new. So, the District 6 Board seeks its next Managing Editor to take over for the January-February issue, and invites all interested readers to send a letter of interest to Zaki Mustafa.

If you would like to know more about the job, please refer to the *WesternITE* Web site (under "Leadership Tools") to see a list of duties, or contact Zaki, John, or any prior editor or Board member. Contact information for Zaki and John are on the back cover of this newsletter.

The field is wide-open; there is no front-runner; so if you have the interest and ability to serve, please apply!

Recent Red-Light Camera Research

Safety Evaluation of Red-Light Cameras, FHWA-HRT-05-048, April 2004—FHWA recently released research conducted on red-light-camera (RLC) systems which can be found at <http://www.tfhrc.gov/safety/pubs/05048/05048.pdf>. The following extract from the abstract highlights the findings.

"The objective of this final study was to determine the effectiveness of RLC systems in reducing crashes. The study used empirical Bayes before-and-after research using data from seven jurisdictions across the United States at 132 treatment sites. The purpose of the study was to estimate the crash and associated economic effects of RLC systems and specially derived rear end and right-angle unit crash costs for

various severity levels. Crash effects detected were consistent in direction with those found in many previous studies; decreased right-angle crashes and increased rear end ones. The economic analysis examined the extent to which the increase in rear end crashes negates the benefits for right-angle crashes. The analysis showed an aggregate crash cost benefit of RLC systems. A disaggregate analysis found that the greatest economic benefits are associated with the highest total entering average annual daily traffic, the largest ratios of right-angle to rear end crashes and with the presence of protected left turn phases."

Submitted by Randy McCourt

Play Streets

(Continued from page 1)

- Bob Manwaring and Ed Stafford, City of Arvada
- Dick Havercamp, City of Aurora
- Dave Menter, Town of Castle Rock
- John LaSala, City and County of Denver
- Joe Hart, David Evans and Associates
- Kelly Dunnaway, Douglas County Deputy County Attorney
- Larry Corcoran, Cindy Colip, and Chris Martin, Douglas County Public Works
- Brock McCoy, Douglas County Sheriff
- Bill Fox, Fox Higgins Transportation Group
- Kevin French, Jefferson County
- Karl Buchholz, City of Lakewood
- Will Johnson, LSC

This action and the following guidelines should not be interpreted as advocating the implementation of Play Streets by either the Technical Committee or by the Colorado/Wyoming Section of ITE. In fact, the initial recommendation was for removal of the allowance for Play

Streets from the State Statutes. Absent a political champion of that effort, these model guidelines have been prepared to address the current Colorado Revised Statutes which allow the designation of Play Streets by local jurisdictions.

The committee agreed that there were many administrative, procedural, regulatory, and enforcement issues associated with Play Street implementation that would need to be addressed by individual communities or jurisdictions. However, the Technical Committee also agreed that if Play Streets are to be implemented, then a uniform approach to their designation and delineation, regardless of local jurisdiction, is desirable. This approach is consistent with the transportation engineering industry's goal of uniform application of traffic control devices, to increase the public's

recognition, understanding, and consistent compliance.

For purposes of these guidelines, a Play Street is defined as follows:

A Play Street is a portion of a residential roadway, meeting specific physical criteria for such designation, and that is designated through consistent signing and pavement marking, where children may play in the roadway but yield right of way when motor vehicle traffic is present, and where motor vehicle operators should have a heightened level of awareness of and alertness for pedestrians in the roadway.

Physical criteria and delineation guidelines for Play Street designation were developed with committee input and review. A standard for implementation was identified along with supplemental guidance and supporting recommendations. The guidelines address:

About the Authors:

Joe Hart, P.E. is a Vice President with David Evans and Associates and leads traffic engineering and transportation activities in the Denver office. He has assisted Douglas County, Colorado Public Works staff in a variety of transportation studies including school site access and neighborhood traffic safety.



Lawrence J. (Larry) Corcoran, P.E. is the Traffic Engineering Manager for Douglas County, Colorado. He has been with Douglas County for seven years, directing traffic engineering and operations following a career of 27 years with the Colorado Department of Transportation.



Bill Fox is a founding principal of Fox Higgins Transportation Group in Boulder, Colorado.

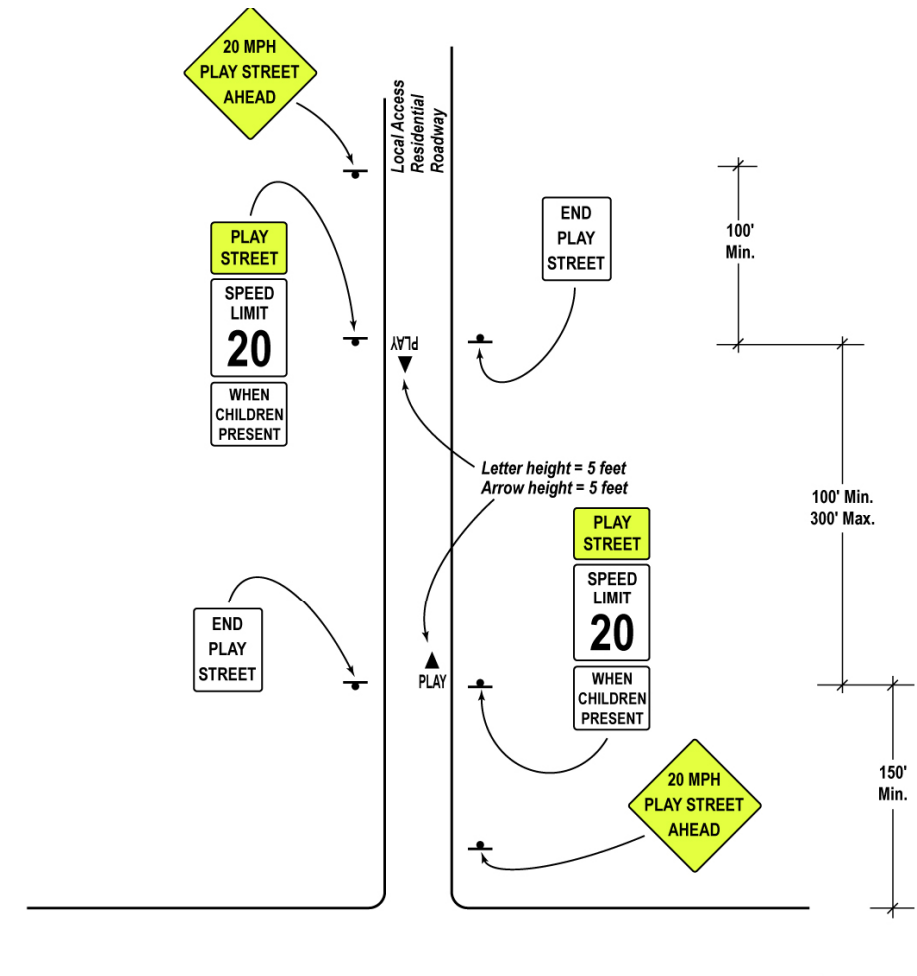


Figure 1
Example Signing and Marking for Play Streets

- Roadway type and character
- Play Street dimensions
- Speed limit
- Sight distance
- Signing
- Pavement markings
- Other considerations

In the process of developing the model guidelines, it was apparent that a number of other issues related to Play Street implementation need to be addressed by communities that intend to install a Play Street. Play Street implementation considerations were summarized to give communities or jurisdictions the benefit of the groundwork done by the committee. These considerations include:

- Determining local public interest and support for Play Street application
- When a Play Street is in effect
- Defining acceptable and unacceptable uses of a Play Street
- Funding for Play Streets
- Removing a Play Street designation
- Development of appropriate policies, regulations, and ordinances
- Enforcement issues
- Staffing issues

To address the specific concerns of the residents of the problematic neighborhood, the County adopted an “alternative-use

street” designation for the cul-de-sac street. The alternative-use street designation was intended as an interim measure until Play Street implementation criteria could be established through the committee work. This designation included limitations on type of street play, acceptable length of delay to traveling motorists, and locations where physical play devices could be placed outside of the traveled way (on-street parking was defined as outside the traveled way).

The Play Street guidelines and considerations were presented at the 2005 ITE Technical Conference and Exhibit Program in Las Vegas, Nevada. Questions and comments received following the presentation included the following:

Questions regarding the current status of the conflict on the street that prompted the study (the complaining neighbors have recently moved).

Questions as to whether any further requests or actions have been undertaken by the County regarding Play Streets. (A total of three requests were received, including the one that resulted in the “alternative use” designation. The other two requests were not encouraged and the individuals were asked to resubmit the requests after the demonstration of the first alternative use street could be reviewed.)

Comments that there is no “safe speed” when pedestrians are in the road.

(The guidelines recommend that play streets only be set up at the end of cul-de-sacs and at the ‘top’ of loop streets, where speeds can generally be expected to be lowest.)

Comment that parked cars in the designated play area could increase safety concerns. (This is one of the considerations identified for further review with neighbors.)

Comment that building neighborhood parks might better resolve the issue. (Regardless of the proximity of park facilities, children play in the street due to convenience and because parents want them close to home.)

Question if there have been any efforts to educate the public about the negative impacts of establishing Play Streets. (Public meetings with the neighborhood originally requesting the Play Street designation were conducted to discuss the implications of the designation.)

While initiation of a Play Street program is not encouraged, the guidelines and considerations developed by the committee provide useful information if a jurisdiction is faced with this issue.

A full version of the report, guidelines and implementation considerations can be found at:

<http://www.cowyite.org/technical/>

Section and Chapter Activities



Central Coast Section

April Meeting

The April meeting was held on the 12th at the Golden China Restaurant in Ventura, and was attended by 28 members. Michael Miles, Caltrans District 7 Deputy District Director of Maintenance, presented “Caltrans Traffic Maintenance and the Recent Southern California Floods.” His Caltrans district manages over 1,100 miles of freeways and highways in Los Angeles and Ventura counties with a \$125 million budget. Their priorities are to maximize traffic flow, meet customer needs with a high level of service, and work during off-peak hours. In addition, Michael discussed the challenges of the

recent floods in Southern California, including emergency permits, the closure of Highway 101 in Ventura County, traffic control, and safety. The region had over \$100 million in flood damage during the past winter, and Caltrans awarded 35 emergency contracts. A key lesson learned was that Caltrans must provide better communication with communities.

May Meeting

The May meeting was held on the 10th at San Luis Obispo City Hall. Members from the Cal Poly San Luis Obispo Student Chapter, as well as 18 Section members, were in attendance. The luncheon topic was the City of San Luis Obispo’s InfoSLO system, which is a GIS-based application utilized by City staff and the public for processing city government activities. Timothy Scott Bochum, the City’s Deputy Director of Public Works for the City of San Luis Obispo, presented an overview of the system. Rob Livick, Supervising Civil Engineer, discussed tracking encroachment

and transportation permits and documenting subdivision maps and improvement plans. Dario Senor, City Traffic Engineer, discussed traffic service requests. Jake Hudson, intern, discussed the City’s traffic model’s relation to land uses.



Ray Chong, Scribe



Hawaii Section

March Meeting

The March meeting was held on the 17th in the Paki Room at the Bishop

Section and Chapter Activities

Museum. The featured speaker was Mr. Gordon Lum, Executive Director of the Oahu Metropolitan Planning Organization (OMPO). Mr. Lum explained regional traffic modeling concepts and used a model of downtown Honolulu as an example. Mr. Lum also addressed mass transit, explaining that to be competitive for Federal funding Hawaii must present a financial plan that addresses construction, operation and maintenance of the transit system.

April Meeting

The April meeting was held on the 4th in the Campus Center at the University of Hawaii–Manoa. The featured speaker was Zaki Mustafa, ITE District 6 President. Zaki spoke of ITE's mission to make communities a better place through encouraging careers in transportation. To promote this mission, Mr. Mustafa highlighted activities such as mentoring and networking.

Mr. Mustafa is also Chief of the Bureau of Field Operations in the City of Los Angeles, and he shared some of the techniques that are being used to reduce pedestrian accidents in Los Angeles. The first is a smart crosswalk, which flashes overhead beacons at a special rate to alert drivers to a pedestrian crossing. The second is a pedestrian video detection unit, which uses infrared to detect pedestrians waiting to cross a roadway. Third, the City is now employing in-road flashers. An LADOT study has shown that use of in-road flashers have increased driver compliance at crosswalks by 25% to 74%.

Mr. Mustafa then recognized the following people for their contributions to ITE:

- Cheryl Yoshida, for her work as Hawaii Council Engineering Society Exhibit Chair.
- Cathy Leong, for her work on the ITE Section 6 Meeting to be held in Hawaii in 2006.
- Julian Ng, for his work as Technical Committee Chair from 1998 to present.
- Ty Fukumitsu, for his efforts to create the award winning ITE Engineer's Week Display.



Jodi Chew, Secretary

Southern California Section

March Meeting

The March workshop and luncheon was held on the 18th at El Adobe de Capistrano Restaurant in San Juan Capistrano. The meeting was

attended by a total of 113 members of the Southern California, Border, and Riverside-San Bernardino Sections.

Bob Crommelin presented "Ethics from the Engineer's Perspective." He discussed the engineer's relationship with the public, employers, clients, and other engineering professionals. Examples of scenarios which required ethical analysis were given.

David Royer presented "Preserving Design Immunity." He discussed how California public agencies can protect their legal right to design immunity. Challenges to immunity were discussed, including the need for reasonable designs by licensed engineers with approvals from documented discretionary authorities.

Wes Pringle discussed tips for serving as an expert witness, including what to expect in depositions, and advice on being careful what you say both on and off the record and whether or not you are representing the plaintiff or defendant side.

Bill Darnell presented "Lessons Learned," in which he discussed how engineers must abide by standards. If impossible or impractical to abide by a standard, justification in writing is necessary to protect yourself.

Harry Krueper discussed how public agencies can do a better job of programming safety improvements. He offered various design scenarios where safety was in question. Mr. Krueper advised that engineers "eliminate procrastination," work with citizens to get a sense of problems they encounter, and develop new safety ideas that, while controversial, may eventually catch on.

Ed Cline presented "Traffic Calming Backlash." Backlashes ranged from general dislike of measures taken, to injury claims resulting from speed humps, to court battles over the legality of certain measures.

The featured luncheon speaker was John Fisher, Assistant General Manager of



Los Angeles Department of Transportation, who presented "Connecting with our Customers." Mr. Fisher presented the Los Angeles Department of Transportation's "TIPS" (Transportation Information, Programs, and Services) program, which is a reference that informs citizens on common transportation related issues. Frequently-called phone numbers, contesting parking violations, transit services, pedestrian traffic signals, and traffic safety cameras are some of the many topics that TIPS covers. The other focus of these documents is that prior versions emphasized what engineers *can't* do, whereas this version emphasizes what engineers *can* do for the public—with qualifications noted. A full electronic copy of the TIPS brochures can be found at <http://www.lacity.org/ladot/dottips.htm>.

April Meeting

The April meeting was held on the 20th at the Monterey Hill Restaurant in Monterey Park and was attended by 65. The featured speaker for this meeting was Ms. Jane White, Senior Civil Engineer with the Los Angeles County Department of Public Works presenting the "Los Angeles County Regional Traffic Forum Program." Ms. White described the program's components, which are the Traffic Signal Synchronization Program (TSSP) and the Advanced Transportation Management Systems (ATMS). The program targets several corridors within the Gateway Cities, San Gabriel Valley and South Bay regions.

The goal of the TSSP is to upgrade each signal to current standards, install detection for full traffic actuation, complete intersection capacity and safety improvements, and implement coordinated timing.

The ATMS comprises the Traffic Control System (TCS), communications, and the Information Exchange Network (IEN). The TCS is a computerized system capable of monitoring traffic control systems and signal equipment status. The communications will be a hybrid of fiber optics, leased telephone lines, and spread-spectrum radio. The IEN integrates with each local agency's traffic control system and allows local agencies to share traffic control duties with other cities; for example, to allow after-hours control of their traffic signal system; and to share traffic performance data between agencies.

The County also described its Traffic Control System, KITS (Kimley-Horn's

Section and Chapter Activities

Integrated Transportation System), which the County selected on the basis of a competitive procurement. Los Angeles County has paid for a County-wide software license, so the package is available for no license fee to all Los Angeles County cities. (Integration and installation costs would still be required.)

Ms. White wrapped up by demonstrating CommuteView, an Internet-based personalized traveler information system. CommuteView allows the user to input their planned route to see real-time freeway conditions along the route, including speed, travel time, collisions and route alternatives. A companion telephone-bases system, called CommuteCall, is an interactive voice-response interface to the CommuteView service. Users of CommuteCall simply call into the service and use voice commands to access their account and receive real-time, customized, route-specific information. CommuteView can be visited at www.commuteview.net.

May Meeting

The May meeting was held jointly with the Orange County Traffic Engineering Council (OCTEC) at Radisson Resort Knott's Berry Farm in Buena Park on the 18th. The evening began with student chapter presentations.

Adham Nourredine, Jeffrey Roi, and Svein Pettersen of California State University Long Beach presented "An Evaluation of LED-enhanced crosswalks in Glendale," and won the Best Small Group Presentation Award. They theorized that the crosswalks might be enhanced by using red lights in lieu of yellow and making it clear to the pedestrian that the crosswalk is active.

Also from CSULB, Chaffee Yiu, Lewis Toi, Chinh Ly, Nghia Vo, and George Flores presented "An Analysis of a Signalized Intersection: Anaheim St. & Redondo Av." Conclusions were that protected left turns should be considered for east and west-bound traffic, and based on accident analysis, more street lighting should be considered.

Amaka Okoro, Kai Yee, Hashem Anas, Gokhan Ercan, Reggie Puertollano, and Michelle Gross, also from CSULB, presented "An Analysis of the Intersection of Santa Ana Street & Flower Street." The group recommended additional green time for southbound traffic to improve traffic flow.

Dennis Acuna, Hohn Ashlock, Stephen Freeman, Jennice Montiero, Shiori Kawaguchi, and Antonio

Buenrostro, students from California Polytechnic University, Pomona, presented "Vehicle Tracking System on Campus," their research on their campus' shuttle bus. This group, which was awarded the Best Large Group Presentation Award, found that a vehicle-tracking product from Pyramid Communications may be the best solution.

The second group from Cal Poly Pomona, winners of the Best Graphical Presentation Award, included Hye Oh, Tran Tran, Dev Patel, Marlin Cruz, Nick Pailma, Cesar Tolentino, Perry Kongrunparkorn, Brad Lee, Jeffrey Xu, Gary Chiang, Jessica Tambio, Evangelina Hernandez, and Hui Lai. In their presentation on "Traffic Signal Improvements at Kellogg & Valley," they concluded that the previously unsignalized intersection may require two left-turn lanes onto Kellogg Drive.

CSU Los Angeles' Joe Garcia, Franklin Garcia, Sheung Ching Tang, and Nagala Kshmi Tommala presented "Bicycle and Pedestrian Safety in East Los Angeles." They concluded that pedestrians do not always wait for crosswalk activation, and crosswalks with heavy traffic should receive a traffic signal.

The dinner speaker was Wayne Tanda, General Manager of the City of Los Angeles Department of Transportation, who presented "Congestion Relief, It's Nothing to Sneeze At," a summary of congestion concerns and plans for relief. According to Mr. Tanda, the many plans to solve congestion problems all boil down to the need for money.



Richard Yee



Jason Rondou

Colorado-Wyoming Section

May Meeting

The May luncheon was held on Friday the 13th at the Doubletree Hotel in Denver, Colorado, and was attended by 76 members and guests.



Anna Bunce presented a program that is being initiated by Douglas County Traffic Engineering & Operations. Douglas County Public Works, in partnership with other metro-area public works agencies, to distribute Traffic Safety Awareness wristbands to coincide with National Public Works Week. Wristbands are being distributed to teen drivers at County high schools.

Mark Schaefer (on Dave Hattan's behalf) presented the Section's Transportation Professional of the Year Award to Mr. Dave Weaver of the City and County of Denver. Mr. Weaver has been involved in numerous activities including the Intersection Safety Course, DMAP access plan, Civic Center Plan, Justice Center, other numerous corridor and safety studies, and the Vehicle Crash Database.

Nate Larson introduced the featured speaker, Mr. Murray McBride from RG Consulting Engineers, Inc. He described the design and construction of Central City Parkway, which is a roadway through the Rocky Mountains providing a direct connection from Interstate 70 to Central City. It had numerous design challenges including eight-percent grades, significant cuts and fills, drainage concerns, and blasting.



Curtis D. Rowe, Scribe

Sam Ross, President, Crain and Associates

Sam Ross, founder of Crain and Associates, former traffic engineer with the Los Angeles Department of Transportation and longtime member of ITE, passed away on April 27 at his home in Los Angeles, surrounded by his family.

The family requests that, in lieu of flowers, memorial contributions be made in Sam's name to the Angeles Clinic Foundation (a cancer research and treatment center that Sam regarded highly), 2001 Santa Monica Boulevard, Suite 560W, Santa Monica, CA 90404.



Your Managing Editor proudly sports a trophy custom-made by Zaki to recognize winning ITE's Best Newsletter award two years in a row



Rory Grindley is presented with an award for his contributions to ITE. Left to right: Torsten Lienau, Washington Section President; Rory Grindley; Randy McCourt, District 6 Past President; Jim Ellison, Pierce County Public Works Department (and Rory's boss!)

President's Message

(Continued from page 1)

this topic. Our future begins with attracting the best students to transportation, and our student initiatives are targeted to actions that will achieve this goal.

I had the pleasure of attending the 45th Annual Meeting of the Intermountain Section at Jackson Hole, Wyoming, which serves Idaho, Montana, Nevada and Utah. Alyssa Reynolds was selected as the new Secretary-Treasurer. While there, Scott Thorston and I recognized Terry Smith for his 19 years of service to ITE. I also met with the new officers for the Idaho and Montana sections. We recognized Dave Butzier for serving as membership committee chairman. Finally, Torsten Lienau, president of Washington State Section, and I recognized Rory Grindley for his tireless contributions to the transportation profession through his work as a consultant, county traffic engineer and his extensive ITE participation. Rory is a current International Director.

I then went to the San Francisco Bay Area Section, where chapter president David Parisi and I recognized Bond Yee for 32 years of outstanding service to the transportation profession through his extensive work in transit planning and traffic operations.



Terry Smith (right) receives a proclamation from Ken Ackeret, District 6 Vice President (left) and Scott Thorston, Intermountain Section Past President

My last stop was at the Southern California section, where I presented an award to David Royer for his 35 years of service to our profession. Wayne Tanda was also recognized at the meeting for serving as the ITE District 6 coordinating council chairman for the last three years.

I'd like to announce that our Newsletter, *WesternITE*, has for the second year in a row recognized as the best newsletter at the international level! Congratulations to John for an exception

job in making District 6 the best in the nation and the world.

By the time you read this we will have had our Annual Meeting at Kalispell. I would like to thank the Local Arrangements Committee, led by Michael Sanderson, for what I know will be (or will have been) an outstanding job in hosting this year's Annual Meeting.

together we are the best



Wayne Tanda shows off his award recognizing him for years of service on ITE's Coordinating Council

Get to Know Your Local Leadership



Intermountain Section

The Intermountain Section elected the following officers for 2005-2006:



Left to right: Alyssa Reynolds, Secretary-Treasurer; Lee Cabell, First Vice President; Michael Sanderson, Second Vice President; Kent Fugal, President; Scott Thorston, Past President

Idaho Chapter

The Idaho Chapter elected the following officers for 2005-2006:



Left to right: Jay Walker, Past President; Cameron Waite, President; Pierson Dewit, Vice President; Mehamn Donley, Secretary-Treasurer



Zaki presents Dave Butzier with a plaque recognizing his contributions to District 6 as Membership Committee Chair



Montana Chapter

The Montana Chapter elected the following officers for 2005-2006:



Danielle Reagor, President

Ivan Ulberg, Vice President

D.J. Clark, Secretary/Treasurer

John Pavsek, Past President

Positions Available



CHS Consulting Group

CHS Consulting Group, a fast-growing transportation planning and engineering firm in San Francisco and Oakland CA, has immediate openings for the following positions.

Senior Transportation Planner—

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

Associate Transportation Planner—

Candidates must have a bachelor's or master's degree in transportation planning/engineering or related field with a minimum of 3 years experience. The successful candidate should have strong analytical, computer, written, and communication skills. Candidates must have track records in performing various kinds of transportation planning and traffic studies. Candidates must have hands-on experience in travel demand forecasting and traffic operations software.

*Senior Traffic Engineer—*Candidates should have a master's degree in transportation engineering or related field with a minimum of 8 years experience. The successful candidate should have with strong analytical, computer, written, and communication skills. Candidates must have demonstrated track records in managing 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, CORSIM, and VISSIM) are preferred. The

ideal candidate should be a licensed TE or CE in the State of California.

We have a number of exciting projects currently underway. We offer excellent salary and benefits. Additional information is available at

<http://www.chsconsulting.net>.

Send resume and cover letter to CHS Consulting Group, 500 Sutter Street, Suite 216, San Francisco, CA 94102 or email to mwilliams@chsconsulting.net EOE

Parametrix

Parametrix, a leading engineering, planning and environmental sciences consulting firm, has excellent career opportunities for transportation engineering professionals in our growing Portland and Boise offices. Parametrix is currently seeking key individuals to join our team in the following career opportunities:

Senior Transportation Design Engineer, Portland (#PTL506)—The successful candidate will be responsible for management, design and construction services for public transportation improvement projects. This is a great opportunity for someone with strong ODOT experience, excellent leadership skills and proven marketing/business development skills to help grow our design group. Will act as project manager on large project work. Preparing plans, specifications, and cost estimates; coordinating project permitting with regulatory agencies; field engineering and construction support as needed for transportation projects. Qualified candidates will have a BSCE, 8+ years of related experience, and Oregon PE license. Candidate must have strong ODOT experience and technical expertise should emphasize final design of highways, urban arterial street systems, transit/rail facilities, bridges and associated construction support services. Excellent written and oral communications skills are required. Value-based leadership skills are a must. Proficiency with Microstation and InRoads design experience is required. Established client relationships in Oregon required. Business development experience desirable.

Senior Transportation Design Engineer/Project Manager, Boise

(#BSE503)—Successful candidate will be responsible for management, design and construction services for public transportation improvement projects. This is a great opportunity for someone with previous ITD/ACHD experience, excellent leadership skills and proven marketing/business development skills to help grow our design group. Will act as project manager or task manager on various transportation projects. Preparing plans, specifications, and cost estimates; coordinating project permitting with regulatory agencies; field engineering and construction support as needed for transportation projects. Qualified candidates will have a BSCE, 10+ years of related experience and Idaho PE license. Excellent written and oral communications skills are required. Value based leadership skills are a must. Proficiency with MicroStation, AutoCad, InRoads, and LDT preferred. Proven history of strong client management and/or business development experience. Consulting experience is highly desirable.

Traffic Engineer, Boise (#BSE501)—Responsibilities include traffic engineering projects, preparing technical documents/analyses, working with public agencies/multi-disciplinary teams, conducting traffic operation studies, signal design, safety analysis, and warrant analysis. Qualified candidates will have a BSCE, 3-5 years of related experience. EIT required (Idaho PE license preferred, but not required). Candidates must have in-depth understanding of transportation planning process and working knowledge of transportation simulation software is required. Consulting experience is highly desirable. ITD/ACHD project experience a plus.

Our 36-year history is based on participatory management where employee-owners are encouraged to seize opportunities and maximize their professional potential. Parametrix offers an excellent benefits package including an Employee Stock Ownership Plan, a 401(k) plan and Incentive Pay Program. Qualified applicants please submit a letter of interest, resume and salary requirement through our website.

www.parametrix.com

Parametrix—Inspired People... Inspire Solutions... Making a Difference. Equal Opportunity Employer

Tell them you saw their ad in WesternITE!

Positions Available



CH2M Hill is the largest design/build consulting firm in Oregon, and on our way to creating that same reputation in Washington! We help our clients imagine, design and build high profile transportation projects in the Pacific Northwest. Leverage state-of-the-art technology with our team of professionals and help our clients build a better world.

Career Opportunities in Portland and Seattle

- Transportation Design Engineers
- Traffic Engineers
- Bridge Engineers
- Design Team Leads
- Project Managers
- CADD Technicians

In addition to excellent benefits (including stock plan, tuition reimbursement, relocation assistance and more!), CH2M HILL offers professional growth, challenging projects, and the latest technology. Submit your resume to jonda.franklin@ch2m.com or apply online and view details of our employment opportunities at www.ch2m.com. EEO/AA Employer



Transportation Engineers and Planners—IBI Group is a multi-disciplinary consulting firm offering services in four areas of practice: Urban Land, Facilities, Transportation, and Systems. The professional services provided by IBI Group include the planning, design, development, implementation, and evaluation of programs and projects related to these four areas of practice.

Our Seattle and Irvine offices are seeking transportation engineers and planners with three to ten years of experience. Areas of interest include signal operations, signal intersection design, conceptual roadway design, transit signal

priority, bus rapid transit, traffic impact and parking studies, corridor studies, transit operations and planning, and ITS. Excellent communication and writing skills are required. Bachelor's or Master's degree in Engineering or Planning, with an emphasis in transportation is required. Registration as PE, PTOE or AICP is desired.

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

CITY OF ENCINITAS

Traffic Engineer I/II—\$4,839–7,292
DOQ—Incumbents are responsible for performing professional level traffic engineering work; studying traffic engineering problems and developing plans for improvements; taking responsibility for the management and implementation of the city's traffic management program. Bachelor's Degree in Engineering, or Engineer in Training Certification, plus two years of post-graduate engineering experience, or an equivalent combination of education and experience. City application is required and must be received in the HR Office on Thursday, July 28, 2005. For more info regarding the position visit www.ci.encinitas.ca.us or Call 760/633-2727 for an application packet. EOE

RIVERSIDE, CALIF.

Traffic Engineer—The City of Riverside seeks a Traffic Engineer to work in the Traffic Engineering Division of the Public Works Dept. The Engineer plans, assigns, directs, participates and reviews the activities of the Traffic Engineering Division, will perform statutory duties of Traffic Engineer, and will provide professional and technical staff assistance.

Requires equivalent to a Bachelor's degree from an accredited college or university with major work in civil, electrical, or mechanical engineering, including or supplemented by special study in traffic engineering and five years of experience in traffic engineering including supervisory experience. Possession of a Traffic Engineering license issued by the State of California also required.

Salary: \$6981 - 10,314 per month plus excellent benefits. This position is open until filled.

APPLY TO: City of Riverside, Human Resources Dept., 3780 Market Street, Riverside, CA 92501. APPLY ONLINE @ www.riversideca.gov. For more info see our website or call 951-826-5808/951-826-2515 TDD. EOE

CITY OF PHOENIX

Civil Engineer III—\$58,469–\$87,173 annualized. Open until filled. First review of

WORK/LIFE BALANCE IN RENO

Fehr & Peers, a leading traffic engineering & transportation planning firm is looking for talented professionals to join its staff in California, Nevada, Utah, & Colorado.

Our Reno office is looking for traffic engineers & transportation planners with entry-, mid-, or senior-level experience, as well as engineering technicians who are skilled in AutoCAD & Adobe Illustrator.

*Come find your work/life balance in Reno...
 an inspiring career, and as much recreation
 as the Tahoe-Reno area will allow.*

20th
FEHR & PEERS
Improving Communities Since 1985

www.fehrandpeers.com

Reno Office:
 5370 Kietzke Lane
 Suite 103
 Reno, NV 89511
 T: 775-826-3200
 F: 775-826-3288
resumes@fehrandpeers.com

Positions Available

material will occur July 1, 2005.

Experience: Requires four years' experience in the practice of engineering plus a bachelor's degree in civil engineering or related field. Knowledge using Microsoft Office is highly desirable. Other combinations of experience and education that meet the minimum requirements may be substituted.

To be considered for this position you must apply directly at the www.phoenix.gov website.

Please visit www.phoenix.gov/JOBS for department-specific criteria.



Meyer, Mohaddes Associates, Inc., a business unit of Iteris, Inc. is an industry leader in Intelligent Transportation Systems, traffic engineering and transportation planning.

We are seeking highly motivated Transportation Engineers, Designers and Planners for our developing offices in Sacramento, Oakland, Anaheim, Long Beach and Los Angeles, California.

Anaheim

Senior Transportation Engineer—Project Manager/Engineer performing planning, design, implementation and integration of ITS and communications systems. Will also assist with business development. 5 - 10 years experience in ITS and traffic engineering.

Transportation Engineer—Task Leader/Project Engineer of planning and design of ITS communications systems. 5-7 years experience in traffic engineering and design.

Positions Available Ads:

To place your ad, e-mail your ad to john.kerenyi@kimley-horn.com. The deadline is the 28th of the previous odd-numbered month. The cost is \$1.50 per word, with a minimum cost per ad of \$100.00. Ads are also posted on our web site at www.westernite.org. More information is available on our Web site.

Sacramento/Oakland

Associate VP/Office Manager—Project Director for mid- to large-size projects including management of multi-discipline teams. Will also conduct business development activities. Intimate knowledge of San Francisco Bay Area with at least 12 years experience.

Sr. Transportation Planner—Project Manager/Senior Engineer on mid - large size transportation planning projects. Will also conduct business development activities. Intimate knowledge of San Francisco Bay Area with at least 10 years of transportation planning experience.

Sr. ITS Engineer—Project Manager/Senior Engineer with planning, design, implementation and integration of ITS including ATMS/ATIS. Will also assist with business development. Minimum 10 years experience in Intelligent Transportation Systems and traffic engineering

Sr. Traffic Design/Systems Engineer—Project Manager/Project Engineer on traffic design engineering and/or ITS projects. Will also assist with business development activities. Minimum 7 years experience in traffic/design engineering including signal design and signing/stripping and/or ITS engineering

Long Beach/Los Angeles/Inland Empire

Sr. Transportation Engineer/Planner—Responsible for managing and/or drafting traffic impact studies and travel demand model development. Will also execute and support PSR/PR projects and on-call traffic engineering. 7-10 years of progressive experience.

Senior Transportation Engineer—Will provide management of a small, start-up office in the Inland Empire leading large traffic design projects providing technical expertise for signal designs and signing/stripping designs. At least 15 years experience in Transportation Studies and Traffic Design.

We are seeking individuals with strong communication skills. Visit our web site for additional information about these and other exciting employment opportunities (www.iteris.com). E-mail resume to jobs@iteris.com.

We Are An Equal Opportunity Employer

PIERCE COUNTY, WASHINGTON

Strategic Planning And Asset Manager (Job #3059)—\$64,064 - \$82,555 annually; closes July 15, 2005—Public Works & Utilities Department. This is professional planning, program management, and/or supervisory work. Responsible for the development and implementation of a department-wide strategic plan, asset management system, and performance and accountability assessment system. Leads strategic planning, performance measurement and asset management, and/or programming functions across a large department or division. Prepares studies and staff reports relative to transportation, land use, or utility issues and analysis of environmental impacts. Provides information to department directors, County policy makers, and the public. Work affects a wide range of activities relating to the administration of County land use, transportation, or utilities plans and ordinances and often relates to activities of major public concern. Requires graduation from a four year college or university with major course work in business/public administration, engineering, planning, environmental studies, geography, economics or related field and eight or more years of related strategic planning, planning, or asset management work experience. A Masters Degree is desired but not required. Previous experience with local, county, state planning work is desired. Additional education/experience may substitute. Four or more years experience developing and presenting mature performance assessment and measurement systems is desired. Two years in facilitating improvement teams through formal continuous improvement process is desired.

Pierce County Human Resources Dept.
www.co.pierce.wa.us/jobs
or (253)798-7480 or TDD
(253)798-3965. EOE

Don't forget...

The latest Positions Available ads are always on our Web site!

Positions Available



Senior Transportation Engineer, Bellevue, Washington—Camp, Dresser & McKee, Inc. (CDM) is a consulting, engineering, construction, and operations firm delivering exceptional service to public and private clients worldwide. Since 1947, we have been providing innovative solutions developed through strong client relationships of mutual trust and respect and a commitment to quality and integrity. CDM's has more than 3,600 employees

worldwide and has grown and diversified with our clients' needs in mind. Our mission is to reach one goal—Our Customers—by providing the right total solutions.

We are looking for a senior transportation engineer to provide highway, bridge, traffic and civil engineering services associated with roadway, bridge, and intersection improvement projects. Responsibilities include highway and bridge design, horizontal and vertical alignments, maintenance and protection of traffic design, traffic signal design, design reports,

capacity analysis, traffic impact reports, special provisions, and construction cost estimates. This position would also be responsible to assist in marketing surface transportation in the Northwest specifically in Washington State.

Minimum requirements: BSCE, PE, 10+ years of related experience with a working knowledge of Washington DOT standards.

Please visit us at www.cdm.com for more information.

Please email resume to crowleyrp@cdm.com.

EOE/AA

Sign of the Times

“The symmetry is elegant, but the message is not!”

Submitted by Robert Spierling from Oregon; the signs are located somewhere in Idaho



Legislative Update



*Walt Stringer,
District 6 Legislative
Committee Chair*

The past month has seen quite a bit of activity on both the Federal and California state levels, although key bills remain unresolved. The TEA-21 Reauthorization process (HR 3) continues to be extended (latest extension through June 30, next extension likely to run through July 17), which has caused minor impacts on state budgets since some states made assumptions based on a 'new' bill versus continuing under old

provisions. The Senate version is currently the most controversial, as it includes a total funding level of \$293.8B, which is about \$10 billion over what the White House says it will approve for budgetary reasons. This version passed the Senate by a vote of 89-11 on May 17, with a Conference Committee the next step.

In California, the latest budget proposal for the new Fiscal Year, known as the “May revise,” offers some hope, as Proposition 42 funding, which has lost substantial amounts for several years, would receive full funding in the next fiscal year. This would not make up for all the funding losses over the past few years, as past and future gas tax spillover



revenues will not be recouped or available. Once the state legislature agrees on a budget and the Governor signs off, there is hope that the California Transportation Commission will again allocate project funds expeditiously and in backlog order. Also active as of late June is SB246, which would revise the state's Professional Engineers Act and potentially affect governance of Traffic Engineers [see page 2—Ed.].

COMMERCIAL SUPPLIERS

COUNTS UNLIMITED

Traffic data collection specialists serving Southern California. Manual, machine counts of types customized to your needs: Speed, Classification, Volume • Radar • Travel • Video
Barbara N. Sackett, President
Tel (951) 247-6716 Fax (951) 924-8604

TRAFFIC RESEARCH & ANALYSIS, INC.

Specializing in all types of traffic data, including machine and manual counts, speed, classification, video logging, road inventory, GIS mapping, and GPS data collection.
DBE CERTIFIED
Susan Medland (866) 840-1500 email: susan@tra-inc.com
Traci Stevens (916) 772-0872 email: traci@tra-inc.com
With offices in Arizona, California, and Colorado.

PROFESSIONAL SERVICES

ABRAMS ASSOCIATES TRAFFIC ENGINEERING

Traffic Planning & Engineering • Development Services • Litigation Consulting
2815 Mitchell Drive, Suite 120
Walnut Creek, CA 94598
(925) 945-0201 FAX (925) 945-7966
Web: www.abramsassociates.com

ADVANTEC CONSULTING ENGINEERS, INC.

ITS • Communications • Systems Engineering • Traffic Engineering • Signal Design • Traffic Control • Traffic Impact Studies • Parking Studies (DBE/MBE)
21700 Copley Drive #350, Diamond Bar, CA 91765
(909) 860-6222 FAX (909) 860-6722
www.advantec-usa.com info@advantec-usa.com

ALBERT GROVER & ASSOCIATES

Signal System Design • Coordination • Operations • Impact Studies • Modeling • Design/Build • Parking & Access • Inspection • Implementation
211 E. Imperial Highway, Suite 208
Fullerton, CA 92835
(714) 992-2990 FAX (714) 992-2883

AUSTIN-FOUST ASSOCIATES, INC.

Traffic & Civil Engineering • Transportation Planning • Traffic Signal Design • Parking Analysis and Design
2020 North Tustin Avenue
Santa Ana, CA 92705-7827
(714) 667-0496 Fax (714) 667-7952

BKF ENGINEERS

Traffic Engineering • Signal Design • Traffic Impact Studies • Geometric Design • Parking
540 Price Avenue, Redwood City, CA 94063 (650) 482-6300
San Jose, CA (408) 467-9100
Walnut Creek, CA (925) 940-2200
Pleasanton, CA (925) 396-7700

BUCHER, WILLIS & RATLIFF CORPORATION

Providing Innovative Solutions Since 1957
Transportation Planning • Traffic Engineering/Operations • Transportation Engineering • Bridges/Structures • Municipal Engineering
Seattle, WA (206) 448-2123

CARTER & BURGESS, INC.

Comprehensive transportation planning and engineering:
Denver, CO (303) 820-5240
Las Vegas, NV (702) 938-5600
Los Angeles, CA (818) 784-7585
Phoenix, AZ (602) 263-5309
Salt Lake City, UT (801) 355-1112
Oakland, CA (510) 465-8400

CATALINA ENGINEERING, INC.

Traffic Engineering • Roadway Design • Research • Traffic Operations • Civil Engineering • ITS
180 W. Magee Road, Suite 140
Tucson, Arizona 85704
(520) 544-4067 FAX (520) 544-9616
www.catalinaengineering.com

CRAIN & ASSOCIATES OF SOUTHERN CALIFORNIA

Traffic Engineering • Transportation Planning
2007 Sawtelle Boulevard, Suite 4 • Los Angeles, California
90025 • 310 473-6508 • Fax: 310 444-9771

ROBERT CROMMELIN & ASSOC., INC.

Consulting Traffic Engineers, Experienced in Traffic Engineering Evaluation and Testimony as part of Litigation
73-255 El Paseo, Suite 9 (760) 568-6838
Palm Desert, CA 92260 FAX (760) 568-9850
RCTraffic@aol.com

CTS ENGINEERS, INC.

Traffic • Transportation Planning & Design • ITS • Transit Facilities • Highways • Bridges • WBE/DBE
Washington 1412 112th Avenue NE Ste 102 3300 NW 211th Terrace
Bellevue, WA 98004-3760 Hillsboro, OR 97124
(425) 455-7622 (503) 690-8080
FAX (425) 462-1374 FAX (503) 645-5930
cts@ctsengineers.com hstein@ctsengineers.com

DARNELL & ASSOCIATES, INC.

Transportation Planning • Traffic Engineering & Design Services • Traffic Control Signal Systems • Impact Studies • Bikeways • Parking • Air Quality Analysis
1446 Front Street, Suite 300
San Diego, CA 92101
(619) 233-9373 FAX (619) 233-4034

DAVID EVANS AND ASSOCIATES, INC.

People in Motion. the DEA Team!
In 20 offices throughout the west
Transportation Directors:
Claudia Hirschey, P.E. Ron Anderson, P.E.
Bellevue, Washington Portland, Oregon
(425) 519-6500 (503) 223-6663
Transportation • Land Development • Water Resources • Energy • www.deainc.com

DKS ASSOCIATES

Traffic and Transportation Engineering and Planning • Intelligent Transportation Systems
Oakland CA (510) 763-2061
Offices in: Phoenix, AZ; Irvine, San Jose, and Sacramento, CA; Tampa and Tallahassee, FL; Portland, OR; Seattle, WA
Web page: www.dksassociates.com
email: rts@dksassociates.com

DOWLING ASSOCIATES, INC.

Traffic Engineering • Transportation Planning • Research • Traffic Software • Computer Models
180 Grand Avenue, Ste 250, Oakland, CA 94612
(510) 839-1742 phone (510) 839-0871 fax
428 J St, Ste 200, Sacramento, CA 95814
(916) 286-2190 phone (916) 266-2195 fax
www.dowlinginc.com

ENTRANCO, INC.

Full-service planning, design, construction management, and environmental services for traffic and transportation projects.
Offices in Bellevue, WA; Boise, ID; Phoenix, Tucson, AZ; and Helena, MT
For information call 1-800-454-5601
www.entranco.com

FEHR & PEERS ASSOCIATES, INC.

Traffic Engineering • Transportation/Transit Planning • Parking • Signal Design • Bikeway Studies
Denver, CO (303) 296-4300
Walnut Creek, CA (925) 930-7100
Reno, NV (775) 826-3200
Roseville, CA (916) 773-1900
Sacramento, CA (916) 329-7332
San Francisco, CA (415) 369-0425
San Jose, CA (408) 278-1700
Salt Lake City, UT (801) 261-4700

HEXAGON TRANSPORTATION CONSULTANTS

Transportation Planning • Traffic Engineering • Travel Demand Forecasting • Traffic Simulation • Traffic Operations • Environmental Impact Studies • Traffic Impact Studies • Parking Studies • Transit Studies • Signal Design
40 South Market Street, Suite 600
San Jose, CA 95113 (408) 971-6100

HIGGINS ASSOCIATES

Traffic Engineering • Signal Operations • Comprehensive Transportation Planning • Geometric Design • Signal Design • Parking
1335 First Street, Suite A, Gilroy, CA 95020
(408) 848-3122 Fax: (408) 848-2202
email: info@kbhiggins.com

HNTB CORPORATION

Transportation • Traffic • Planning • Bridges • Airports • Highways • ITS
200 E Sandpointe Avenue, Suite 200
Santa Ana, CA 92707
Phoenix (602) 528-4300
Denver (303) 839-8300
Seattle (206) 455-3555
Las Vegas (702) 365-9334
www.hntb.com

ITS ENGINEERS & CONSTRUCTORS, INC.

Intelligent Transportation Systems • Traffic Engineering • Traffic Control Systems • Transportation Planning • Design/Build Specialists • Communications
Phoenix, AZ (602) 943-2525
Salt Lake City, UT (801) 281-9695

JONES & STOKES

Transportation Planning • Air Quality and Noise Studies
Oakland, CA (510) 433-8962
Sacramento, CA (916) 737-3000
Los Angeles, CA (213) 627-5376
Phoenix, AZ (602) 256-6662
Bellevue, WA (425) 822-1077
Other offices in Portland, OR; San Francisco, San Jose, Irvine, San Diego, CA; Las Vegas, NV; Salt Lake City, UT
www.jonesandstokes.com

KAKU ASSOCIATES, INC.

Traffic Engineering • Transportation Planning • Parking
1453 Third Street, Suite 400
Santa Monica, CA 90401
(310) 458-9916 FAX (310) 394-7663

KATZ, OKITSU & ASSOCIATES

Traffic Engineering • Transportation Planning • Signal Timing • ITS • GIS (DBE)
1055 Corporate Center Drive, Suite 300
Monterey Park, CA 91754 (323) 260-4703
San Diego, CA (619) 683-2933
Tustin, CA (714) 573-0317
San Bernardino, CA (909) 890-9693

KIMLEY-HORN AND ASSOCIATES, INC.

Traffic Engineering • Transportation Planning • ITS • Communications • Software • Civil Engineering
Regional offices in: San Diego, Carlsbad, Orange, Los Angeles, Long Beach, Riverside, San Ramon, Oakland, Sacramento, Rocklin, CA; Las Vegas, Reno, NV; Phoenix, Tucson, AZ; Denver, CO
www.kimley-horn.com

LANCASTER ENGINEERING

Traffic and Transportation Engineering • Light Rail • Traffic Control • Traffic Impact & Planning Studies
800 NW 6th Ave, Suite 206, Portland, OR 97209
(503) 248-0313 FAX (503) 248-9251
email: info@lancasterengineering.com

LEE ENGINEERING, L.L.C.

Traffic Engineering • Transportation Planning • ITS
3033 N. 44th Street, Suite 375
Phoenix, AZ 85018 (602) 955-7206
www.leeengineering.com email: info@lee-eng.com

LSC TRANSPORTATION CONSULTANTS, INC.

Transportation Planning • Traffic Engineering • Transit Planning & Facilities • Signal/Roundabout Design • Resort Planning • Parking
Tahoe City, CA (530) 583-4053
Denver, CO (303) 333-1105
Colorado Springs, CO (719) 633-2868

LIN CONSULTING, INC. (DBE/MBE)

Traffic, Civil, and Electrical Consulting Engineers
ITS Design • Signal • Lighting • Studies • GIS
21660 E. Copley Drive, Suite 270
Diamond Bar, CA 91765 (909) 396-6850
www.LinConsulting.com FAX (909) 396-8150
dwin@LinConsulting.com

LINSCOTT, LAW & GREENSPAN

Engineers & Planners • Traffic • Transportation • Parking
Costa Mesa, CA (714) 641-1587
Pasadena, CA (626) 796-2322
San Diego, CA (858) 300-8800
Las Vegas, NV (702) 451-1920
www.ligengineers.com

Save for your
RFP lists!

LOCHNER

Transportation Planning • Traffic Engineering • Land Use Planning • Signal Design • Traffic Impact Studies • Parking • Highways • Bridge Design and Inspection • Environmental Studies • Corridor Planning • Public Involvement • Construction Engineering and Inspection
H.W. Lochner Engineers and Planners
5908 Yellowstone Road, Ste A
Western U.S. Offices:
Cheyenne, WY 82009 (307) 632-9646
Bellevue, WA (425) 454-3160
Salt Lake City, UT (801) 262-8700
Portland, OR (503) 586-0100
Boise, ID (208) 336-2983
Big Fork, MT (406) 837-6878
bgreene@hwlochner.com

LSA ASSOCIATES, INC.

Transportation Engineering and Planning • Parking Studies • Capital Project Development
20 Executive Park, Suite 200 Irvine, CA 92614
P (949) 553 0666 F (949) 553 1670
tony.petros@lsa-assoc.com
Riverside, CA (909) 781-9310
Ft. Collins, CO (970) 494 1568
Pt. Richmond, CA (510) 236-6810
Berkeley, CA (510) 540-7331

MCCARTHY ENGINEERING, INC.

Traffic Engineering • Impact Studies • Parking Designs • Land Development • Bikeway Design • Traffic Operations • Traffic Calming • Litigation consulting and testimony
737 Orchard Drive, Paso Robles, CA. 93446
805-238-9585; 805-237-8556 FAX
email: mac@tcsn.net

MEYER, MOHADES ASSOCIATES

ITS • Traffic Engineering • Transportation Planning • Traffic Control Systems • Communications • Transit • Parking • Construction Management
1515 S. Manchester Avenue
Anaheim, CA 92802 (714) 780-7243
Los Angeles, CA (213) 488-0345
Long Beach, CA (562) 432-8484
Sacramento, CA (916) 772-7976
Oakland, CA (510) 832-4662
Boise, ID (208) 345-4630
Idaho Falls, ID (208) 528-8538
Las Vegas, NV (702) 384-2525
Denver, CO (720) 898-0265
Reno, NV (775) 847-7243
Minneapolis, MN (612) 379-3885
www.iteris.com

MIRAI ASSOCIATES

Transportation Planning & Engineering • Travel Demand Forecasting • Growth Management
11410 NE 122nd Way, Suite 320
Kirkland, WA 98034
(425) 820-0100 FAX (425) 821-1750
www.miraiassociates.com

THE MOBILITY GROUP

Transportation Planning • Transit Planning • Parking • Traffic Planning & Engineering • Management
18301 Von Karman, Suite 580, Irvine, CA 92612
(949) 474-1591 Fax (949) 474-1599
www.mobilitygrp.com

MULTITRANS TRANSPORTATION CONSULTANTS, INC.

Traffic Operations • Transportation Planning • Traffic Impact Studies • Speed Limit Studies • CMP Projects • Parking • Transit • Collection of all types of traffic data
1280 Boulevard Way, Suite 200, Walnut Creek, CA 94595
Walnut Creek: (925) 930-0500 Fax (925) 660-1911
Dallas, TX: (972) 387-5270 mtci@sbcglobal.net

NBCE, INC.

Traffic Engineering • Transportation Planning • Civil Engineering • Surveying & Mapping • School Facilities Engineering
17501 E. 17th St, Suite 270, Tustin, CA 92780
Tel. (714) 573-9999 Fax (714) 573-9877
www.nbceinc.com

OLSSON ASSOCIATES

Traffic Engineering/Operations • ITS • Traffic Studies • Signal System Design • Transportation Planning • Lighting • Landscape Architecture and Urban Design
Phoenix, Arizona (602) 748-1000
Denver, Colorado (720) 962-6072
www.oaconsulting.com

ORTH-RODGERS & ASSOCIATES, INC.

Traffic/Highway Engineering & Design • Transportation Planning • Environmental Science/Planning • Municipal Services
SOUTHWEST OFFICE Ph: (702) 233-4060
1140 N Town Center Dr, Fax: (702) 233-4560
Ste 190 www.orth-roddgers.com
Las Vegas, NV 89144 Principal: Richard T. Romer, P.E.

PAT NOYES & ASSOCIATES

Public Process Design & Facilitation • Neighborhood Traffic Management • Traffic Incident Management Programs
1566 County Rd. 83 • Boulder, CO 80302
(303) 440-8171 www.patnoyes.com
e-mail: pat@patnoyes.com

PENFIELD & SMITH

Transportation Planning • Traffic Engineering • Parking • Civil Engineering • Surveying • Land Use Planning
PO Box 98, Santa Barbara, CA 93102
Santa Barbara, CA (805) 963-9532
Santa Maria, CA (805) 925-2345
Camarillo, CA (805) 981-0706

RBF CONSULTING

RBF Provides Comprehensive Transportation Planning • Traffic Engineering • Design Services • Highway Design • Traffic Signal Systems
Thirteen offices located in California, Arizona, and Nevada
(800) 479-3808 www.RBF.com

RICK ENGINEERING COMPANY

One City Blvd. West, Suite 1285 • Orange, CA 92868
(714) 939-1440 Fax: (714) 939-1441
www.rickengineering.com
San Diego • Orange • Riverside • Sacramento • Phoenix • Tucson

RK ENGINEERING GROUP, INC.

Transportation Planning—Traffic Engineering
Acoustical and Transportation Demand Management Studies
20201 S. W. Birch Street, Suite 250
Newport Beach, CA 92660
(949) 474-0809 Fax (949) 474-0902
www.rkengineer.com

ED RUZAK & ASSOCIATES, INC.

Traffic & Transportation Engineering • Consulting for Litigation
10061 Talbert Avenue., Suite 200 Fountain Valley, CA 92708
(714) 964-4880 FAX (714) 964-7219
999 Green Street, Ste 1103, San Francisco, CA 94133
(415) 929-8745

SIEMENS ITS

A business unit of Siemens Energy & Automation, Inc.
Project Management • ITS Strategic Planning • ITS Design • Systems Integration • Operations and Management
• Communications Network Analysis and Design
250 W. Colorado Blvd, Suite 110, Arcadia, CA 91007
Phone: 626.294.9255 Fax: 626.294.9259
San Francisco 510.540.7659 Tucson 520.290.8006
Salt Lake City 801.539.4919 Denver 303.905.7008
Visit our Website for more information: www.itsiemens.com

TJKM TRANSPORTATION CONSULTANTS

Traffic Engineering and Planning • ITS and Modeling Services • Signal Design/Operations • Traffic Impact Studies • Parking/Safety Studies • Freeway Operations • Staff Services
Pleasanton, CA 94588 (925) 463-0611
Santa Rosa, CA (707) 575-5800
www.tjkm.com

TRANSCORE

Traffic Engineering/Operations • Traffic Control Systems • Transit • Parking • Highway Design • Roadway Lighting • Environmental Forecasting • Travel Forecasting • Transportation Planning • ITS • Toll Systems • CVO • Port of Entry Systems
9480 Carroll Park Drive, San Diego, CA 92121
(858) 826-3400
www.transcore.com Offices nationwide.

TRANSPORTATION MANAGEMENT SERVICES

TSM/TDM Planning • Management • Evaluation
234 E. Colorado Blvd., Suite 400
Pasadena, CA 91101 (626) 796-3384
FAX (626) 796-2425 info@tms85.com

THE TRANSPRO GROUP

Traffic Engineering • Transportation Planning
11730 118th Ave NE, Ste 600, Kirkland, WA 98034
(425) 821-3665
www.thetranspogroup.com

TRANSTECH ENGINEERS, INC.

Traffic Engineering • Transportation Planning • Construction Management • Highway Design • Municipal Engineering
624 Brea Canyon Road
Walnut, CA 91789 (909) 595-8599

T.Y. LIN INTERNATIONAL/CCS

Traffic Engineering • Transportation Planning • Highway Planning and Design • Structural Engineering and Inspection • Intelligent Transportation Systems • Traffic Signal Design & Timing • Construction Traffic Handling • Program/Construction Management • Serving Clients Throughout the Nation
2290 N First St, Suite 102 Tel (408) 544-2477
San Jose, CA 95131 Fax (408) 544-2478
www.ccsoffice.com

URBAN CROSSROADS, INC.

Transportation Planning • Impact Studies • Traffic/Acoustical Engineering • Transportation Modeling • GIS • TDM
41 Corporate Park, Suite 300
Irvine, CA 92606
(949) 660-1994 FAX (949) 660-1911
www.urbanxroads.com

URS

Transportation and Transit Planning, Traffic Engineering, Civil/Structural Engineering Design
Denver (303) 293-8080
Phoenix (602) 371-1100
Portland (503) 224-4706
Salt Lake City (801) 904-4000
San Diego (619) 294-9400
Seattle (206) 727-3367
Santa Ana (714) 835-6886
Tucson (520) 887-1800

VRPA TECHNOLOGIES, INC.

Certified DBE/MBE
Traffic Engineering • Transportation Planning • ITS • Modeling • Signal Systems • Parking • Environmental Assessments
Fresno, CA (559) 271-1200
San Diego, CA (858) 566-1766

WASHINGTON GROUP INTERNATIONAL

Traffic Engineering • Transportation Planning • Signal Systems • Signal Timing • ITS • Environmental Studies • Corridor Planning • Transit/Rail • Tollways • Civil/Roadway • Structural
720 Park Blvd, P.O. Box 73, Boise, ID 83729
Tel: (208) 386-5000 • Fax: (208) 386-5180
Offices: Irvine & Oakland, CA; Denver, CO; Las Vegas, NV; Dallas & Houston, TX; Bellevue, WA; Cheyenne, WY

ALBERT A. WEBB ASSOCIATES

Traffic Engineering and Design • Transportation Planning • Highway Design • Environmental Documentation
3788 McCray Street Phone (909) 686-1070
Riverside, CA 92506 Fax (909) 788-1256
www.webbassociates.com

WGM GROUP, INC.

Comprehensive Transportation Engineering • Civil Engineering and Planning Services, including Street/Highway Design, Traffic Engineering, Computer Modeling, Surveying, Land Use Planning, Utility Engineering, R/W Acquisition, Environmental Permitting, Construction Management, and Creative Financing Solutions
3021 Palmer, Missoula, MT 59808
(406) 728-4611 E-mail: bcampbell@wgmgroup.com
www.wgmgroup.com

WHITLOCK & WEINBERGER TRANSPORTATION

"W-Trans," a certified DBE/WBE
Traffic Engineering • Transportation Planning • Designs for Livable Communities • Municipal Services • Pedestrian Safety/Planning • Traffic Calming • Roundabouts • Traffic Signal Design/Timing
Santa Rosa, CA www.w-trans.com (707) 542-9500

Professional Services Directory Listings:

To place or modify your ad, send an e-mail to nate_larson@urscorp.com. The deadline is the 28th of the previous odd-numbered month. The cost is \$200 per year for the first seven lines, plus \$40 per additional line. Web links on our Web site, with logo placements, are available for an additional \$120 per year.

District 6 Officers for 2004 – 2005

WILBUR SMITH ASSOCIATES

Traffic Engineering • Transportation Planning • Rail • Highways • Transit • Parking • Traffic Signals • ITS • Bicycle and Pedestrian Planning • TSM
San Francisco, CA (415) 495-6201
Los Angeles, CA (213) 627-3855
Salt Lake City, UT (801) 363-3955
Seattle, WA (425) 821-4887
Tempe, AZ (480) 775-4344
www.wilbursmith.com

WILLDAN

Engineers and Planners • Traffic Engineering • Transportation Planning • Complete Municipal Services • Revenue Management
2125 E Katella Ave #200
Anaheim, CA 92806-6073 (714) 940-6300
Regional Offices in Anaheim, Las Vegas, Los Angeles, San Bernardino, San Diego, Phoenix, Pleasant Hill, Sacramento and Ventura

Y&C TRANSPORTATION CONSULTANTS, INC.

Certified DBE/MBE
Traffic Engineering • Traffic Signal & Lighting Design • Signing and Striping • Construction Zone Traffic Control
3250 Ramos Circle, Sacramento, CA 95827
(916) 366-8000 Fax (916) 366-8008
www.yctransportation.com

President

Zaki M. Mustafa, P.E.
City of Los Angeles
100 S. Main St, 10th Floor
Los Angeles, CA 90012
(213) 928-9626
(213) 928-9611 fax
ZakiM@earthlink.net

Vice President

Ken Ackeret, P.E., Ph.D., PTOE
Kimley-Horn and Associates, Inc.
1050 E. Flamingo Rd, Suite S210
Las Vegas, NV 89119
(702) 734-5666
(702) 735-4949 fax
ken.ackeret@kimley-horn.com

Secretary-Treasurer

Dalene J. Whitlock, P.E., PTOE
Whitlock & Weinberger Transp.
490 Mendocino Avenue, Suite 201
Santa Rosa, CA 95401
(707) 542-9500
(707) 542-9590 fax
dwhitlock@w-trans.com

Past President

Ransford S. McCourt, P.E., PTOE
DKS Associates
1400 SW Fifth Avenue, Suite 500
Portland, OR 97201
(503) 243-3500
(503) 243-1934 fax
rsm@dksassociates.com

Managing Editor

John A. Kerenyi, P.E., PTOE
Kimley-Horn and Associates
1700 Iowa Avenue, Suite 150
Riverside, CA 92507-2465
(951) 782-0941
(951) 782-0949 fax
john.kerenyi@kimley-horn.com

District International Director

Pat Noyes
Pat Noyes & Associates
1566 County Road 83
Boulder, CO 80302
(303) 440-8171
pat@patnoyes.com

District International Director

Rock Miller, P.E., PTOE
Katz, Okitsu & Associates
17852 E. Seventeenth St, Suite 102
Tustin, CA 92780
(714) 573-0317
(714) 573-9534 fax
rmiller@katzokitsu.com

District International Director

Rory Grindley, P.E., PTOE
Pierce County Public Works & Utilities Department
2401 S. 35th Street, Room 150
Tacoma, WA 98409
(253) 798-7250
(253) 798-3661 fax
rgrindl@co.pierce.wa.us

District Administrator

Jenny Grote, P.E., PTOE
City of Phoenix Street Transp. Dept.
200 W. Washington St, 6th Floor
Phoenix, AZ 85003-1611
(602) 262-7597
(602) 495-0336 fax
jenny.grote@phoenix.gov

International President

Tim Harpst, P.E. PTOE
City of Salt Lake City
349 South 200 East, Suite 450
Salt Lake City, UT 84111
(801) 535-6630
(801) 535-6019 fax
tim.harpst@ci.sl.c.ut.us

International Vice President

Richard T. Romer, P.E. PTOE
Orth-Rodgers & Associates, Inc.
1140 N. Town Center Dr, Suite 190
Las Vegas, NV 89144
(702) 233-4060
(702) 233-4560 fax
romer@orth-rodgers.com



MONTANA
Going to the Sun.



Local Arrangements Committee Chair:

Michael Sanderson, P.E., PTOE
Engineering, Inc.
1260 S. 32nd St W
Billings, MT 59102
(406) 656-5255
(406) 656-0967 fax
msanderson@enginc.com

Webmaster

Jon Pascal, P.E.
The Transpo Group
11730 118th Avenue NE
Suite 600
Kirkland, WA 98034-7120
(425) 821-3665 x 230
(425) 825-8434 fax
JonP@thetranspogroup.com

WesternITE newsletter is the official publication of District 6 of the Institute of Transportation Engineers. Its purpose is to share information on transportation topics between members and to communicate to members the activities of District 6. Articles relating to these purposes are always welcomed and may be sent to either editor. The opinions, findings, techniques and specific equipment cited by individual authors of *WesternITE* newsletter articles do not constitute the endorsement of same by *WesternITE*. Reprint of any newsletter material (except if copyrighted) for the purpose of sharing technical information is permissible given that proper reference and the above paragraph accompany the reprint.

Westernite
www.westernite.org

ITE District 6
c/o John Kerenyi
Kimley-Horn and Associates
1700 Iowa Avenue, Suite 150
Riverside, CA 92507

Dated Material - Time Value

NON-PROFIT
ORGANIZATION
US POSTAGE
PAID
LOS ANGELES, CA
PERMIT # 32365

Change of Address:

To change your mailing address information, please visit www.ite.org, or call, fax, or mail changes to:

Institute of Transportation Engineers
1099 14th Street, NW, Suite 300 West
Washington, DC 20005-3438
(202) 289-0222 / Fax: (202) 289-7722