

January Presentation:
Every Trip Starts With a Single Step
 By Paul Martin, Orange County Transportation Authority (OCTA)

52 people lost their life walking in Orange County in 2013, representing 1 in 3 traffic fatalities. In response to notable and ongoing deaths to people walking, the OCTA Board of Directors approved the Pedestrian Action Plan in April 2015 with a list of nine measures focused on education, engineering, and enforcement activities. The presentation will discuss the preparation of the Action Plan, and local and regional efforts to address pedestrian safety countywide since April.

President's Address

Dear OCTEC Members,

Happy New Year to all! We hope that you had a great holiday, and are ready for what's in store for 2016. We have been "dark" the past few months, but wanted to touch on some highlights we had before going on break. We had our first Joint Meeting with ITE SoCal, with a great presentation by Alan Clelland from Iteris. We look forward to keeping the joint meeting an annual event to maintain our partnership with ITE SoCal. Thank you to the ITE SoCal Board for their help with pulling this meeting together. We also had a very large turnout at our Joint Holiday Mixer with ITE SoCal and RSBITE with over 100 attendees representing the three organizations. Thank you to those who attended and to our event sponsors.

The Board is happy to announce the start of our 2016 OCTEC Membership Drive. Membership dues will remain the same at \$25 for the year. If you register by January 27, 2016, you will be eligible for prizes, where we will be raffling off Amazon Gift Cards. Please, renew your registration, and spread the word out to others that are not OCTEC members. Also, Student Membership will remain free to undergraduate and graduate students at our local universities. Please contact Vikas Sharma if you are a Student Member (vikas.sharma@kimley-horn.com).

Lastly, we are happy to announce that we will be having another Joint Meeting with our friends at ITS-CA Southern California for the month of February. OCTEC has been a great supporter of ITS-CA and are looking forward to continuing our relationship with the organization.

Thank you and again Happy New Year!

Regards,



Ed Alegre, OCTEC President 2015-2016



JANUARY MEETING

January 28, 2016

11:30 AM to 1:00 PM

Orange Hill Restaurant
 6410 E. Chapman Ave
 Orange, CA 92869

Lunch Fees:

\$20 (Early Bird) - Ends 1/21 @ 5 pm
 \$30 (Late) - Ends 1/25 @ 12 pm
Pay At the Door: \$30
Students: \$15

Please register via Eventbrite at:
<https://octec-jan2016.eventbrite.com>

If you have any questions, please contact
 Vikas Sharma, at
vikas.sharma@kimley-horn.com

**THIS MONTH'S LUNCH
 IS SPONSORED BY:**



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SPEAKER BIOS

Paul Martin, Orange County Transportation Authority (OCTA)

Paul Martin, PE, TE, LCI, is the Active Transportation Coordinator for the Orange County Transportation Authority (OCTA). Prior to joining OCTA, Paul led the Los Angeles office for Alta Planning + Design, and worked on efforts to create active communities where bicycling and walking are safe, healthy, fun, and normal daily activities. Paul is a registered Civil and Traffic Engineer with a strong background working on planning projects to link mobility with land use planning. Paul has worked on city and regional bicycle master plans, safe routes to schools plans, feasibility studies, and is currently the project manager for the OC Loop project and the OCTA Pedestrian Action Plan. Paul is especially interested in addressing community safety, sustainability, and resiliency related to transportation and urban design.



JOB ANNOUNCEMENTS

RailPros

Civil / Traffic Designer

RailPros seeks a Civil/Traffic Designer to join our Traffic Engineering team in our Irvine office to assist on a variety of traffic-oriented tasks on multiple railroad projects throughout the company.

The Civil/Traffic Designer will be responsible for developing and completing work relative to traffic engineering at highway-rail grade crossings including traffic planning, design and signal operations.

The Civil/Traffic Designer will assist in the development and successful delivery of a variety of technical work products, including analysis of existing traffic operations, design plans (signing, striping, stage construction/traffic control, traffic signal), traffic engineering analysis reports, specifications and estimates for city, county and rail and light rail facilities. Field work is expected and the candidate should be able to travel to project sites.

Requirements

- Bachelor's Degree in Civil Engineering
- 0-3 years of Traffic Engineering experience
- Strong communication skills - verbal and written

Preferences

- Experience in traffic engineering design, signal operations, and preparing transportation planning documents
- Proficiency in drawing/detailing engineering plans using AutoCAD and/or Microstation
- EIT Certification or PE license in CA - Civil or Traffic
- Rail or Light Rail Preemption Experience
- Proficiency in Syncho

Location: 1 Ada, Suite 200, Irvine, CA 92618

City of Rancho Palos Verdes

Senior Civil Engineer, Job No. 16-010

The City of Rancho Palos Verdes Public Works Department is accepting applicants for the position of Senior Civil Engineer. The position of Senior Civil Engineer works in a team-oriented professional environment which requires a strong work ethic, interpersonal skills to foster effective working relations with citizens, business owners, community leaders, City staff and other public/private agencies, ability to interpret, explain and apply Federal, State, and local regulations. This position serves as a project manager for professional and complex engineering activities including compliance, design, construction, traffic and transportation and will perform related work as required. Provides professional level use of considerable independence, initiative, and discretion within established guidelines in the area of engineering.

Some of the essential job functions include, but are not limited to: conducts CIP planning activities; provides oversight and input into conceptual designs of engineering projects; investigates and resolves problems with scope of work or cost issues of major facility upgrade and replacement projects; ensures projects are completed on time and within budget; plans and coordinates traffic engineering and transportation planning activities; manages traffic, transportation and public works projects and contracts; determines and recommends staffing needs for assigned activities and projects; prepares detailed cost estimates with appropriate justifications for budget preparation; prepares, manages and oversees the development of the consultant "Request for Proposals" for professional and/or construction services including advertising and bid processes; responds to and resolves various issues with residents, other department representatives, and outside agencies in professional, manner, identifies and reports findings and take necessary corrective action; regularly attends Planning Commission meeting and serves as staff Liaison to the Traffic Safety Committee; develops and reviews staff reports generally related to

JOB ANNOUNCEMENTS (Continued)

City of Rancho Palos Verdes (Continued)

right of way engineering and traffic engineering activities and services; ability to present information to the City council and various commissions, committees and boards; performs a variety of public relations and outreach related to assigned activities; and other additional tasks and duties as assigned.

For consideration, please complete all required application materials forms (City application and supplemental) see "Job Details" and "How to Apply".

Qualifications

Education: Graduation from an accredited four-year college or university with major coursework in civil engineering or related engineering field. **Experience:** Five (5) years of responsible experience in civil engineering and/or traffic engineering. **Licenses and Certifications:** Possess and maintain a valid certificate or registration as a Professional Traffic Engineer/Professional Civil Engineer in the State of California. Possession of, or ability to obtain, a valid CA driver's license by time of appointment.

Miscellaneous Information

HOW TO APPLY: HOW TO APPLY: For consideration, please complete and submit a City of Rancho Palos Verdes employment application and supplemental application by mail or in person at Rancho Palos Verdes City Hall, Attn: Human Resources, 30940 Hawthorne Boulevard, Rancho Palos Verdes, CA 90275-5391. Applications are accepted Monday through Friday between 8:00 AM-5:00 PM. You may download the application packet on our website under the employment page job details, visit our office or call (310) 544-5332.

HDR

Senior Traffic Engineer/Project Manager

HDR has partnered with clients to shape communities and push the boundaries of what's possible since 1917. We specialize in engineering, architecture, environmental and construction services. With nearly 10,000 employees in more than 225 locations around the world, we think global and act local.

The Transportation Division/Traffic Engineering Market Sector of HDR is actively seeking a creative, highly talented Senior Traffic Engineer/Project Manager for immediate employment in the Irvine, CA office. The primary duties of the Senior Traffic Engineer include providing planning for the production of traffic operations analysis and design oversight for electrical/lighting, signing, pavement marking, traffic signals and traffic management system design plans; intersection design, capacity and signal warrant analyses and all aspects of an Intelligent Transportation System (ITS). This person will also assist in providing oversight of traffic control and sequencing plans throughout the construction phase of the project. You must be comfortable being viewed as a technical expert with recognized authority in an area of specialization that resolves problems of greater scope and complexity while planning and developing projects or design activities that have significant impact

on major company programs. May plan, organize, and supervise work of a team of professionals and technicians. Also may serve as project manager on larger traffic projects, however, project management is not the sole focus of position.

The appropriately qualified applicant will be able to demonstrate an established career in Traffic Engineering planning and design specific to Transportation studies and traffic improvement design as well as experience in transit related traffic engineering issues. HDR is proud to provide our employees with exciting, challenging projects and task leadership positions. The successful candidate can look forward to projects including assignments such as the Southern California Regional Intermodal Program (SCRIP), California High Speed Rail (HSR) Project and the Shoemaker Bridge design project. This candidate will be involved in the marketing, development and support of many other challenging multi-modal projects for agencies like LA Metro, OCTA, SANBAG and RCTC.

Qualifications:

BSCE required. MSCE with Transportation emphasis preferred. A minimum of 8 years of relevant experience is required. Requires project experience working on multi-disciplinary planning and design project teams.

Candidate must have experience in client/project/task management, traffic engineering, and transportation planning including work on projects in Southern California and throughout the state.

Candidate must be experienced in preparing scopes of work, work schedules, budgets, and quality assurance plans including cost control, updated cost to completes, and implementing project implementation plans. Experience in innovative project solutions and active communications skills required. Position requires experience in preparing Caltrans level traffic operations analysis documents including PSR's, TEPA, TOAR, CEQA/NEPA traffic impact analysis and mitigation, as well as an understanding of traffic forecasting and micro-simulation models.

Position includes exposure in transit management and performance, transit capacity and level of service, emerging and innovative public transport and technologies, public transportation planning and development, major activity circulation systems, intermodal transfer facilities, bus transit systems, rural public and intercity bus transportation, paratransit, rail transit systems, commuter rail transportation, and light rail transit.

Project experience may include developing multimodal transportation solutions, reducing traffic congestion, improving transit and reducing parking demand by increasing the use of alternative transportation modes.

Experience in giving technical presentations to clients, professional societies and public agencies a plus.

How to apply:

Please visit www.hdrinc.com/careers and search for job number 141357

LOCAL AND REGIONAL NEWS

O.C. Drivers Needed to Join in State Pilot Program [\[CLICK HERE\]](#)

The Orange County Transportation Authority is encouraging Orange County drivers to participate in the California Road Charge Pilot Program to ensure that the county has a voice as state officials explore transportation funding alternatives.

The California Road Charge Pilot Program will allow the state to weigh the advantages, disadvantages, challenges and opportunities of road charging – where drivers are taxed based on the miles they drive rather than the gallons of fuel they consume.

To effectively evaluate the program, the state is looking for at least 5,000 volunteers from throughout the state to participate in the 9-month study scheduled to begin in the summer of 2016.

Currently, highway and road repairs are funded through a gas tax. With vehicles becoming more fuel efficient, this has been a declining source of revenue to fund maintenance of existing highways and provide funds for additional improvements.

The increasing vehicle fuel efficiency, which generates less revenues per mile, and decreasing purchasing power because of inflation has led to significant backlogs in highway and local road maintenance and congestion relief projects, according to the state.

For more information and to sign up as a volunteer, visit www.californiaroadchargepilot.com.

California Road Charge Pilot Program

Exploring the Possibilities...
ONE MILE AT A TIME

Gov. Jerry Brown Urges Permanent State Funding to Maintain Roads and Bridges [\[CLICK HERE\]](#)



During his State of the State address to the California Legislature on January 21, 2016, California Governor Jerry Brown called on lawmakers to find a permanent revenue source to maintain deteriorating roads, bridges and other infrastructure that now exceeds \$77 billion. He indicated that repairing the crumbling infrastructure is critical during his speech. "That means at some point, sooner rather than later, we have to bite the bullet and enact new fees and taxes for this purpose." During special sessions on transportation held last year, several ideas emerged, including a \$65 annual fee on all vehicles and higher fuel taxes.

Tech Transfer Courses

Classes through April 2016 now open for enrollment

[TE-51 Adaptive Traffic Control Systems](#)
February 3-24, 2016
Online

[TE-40 Multimodal Transportation Planning and Engineering](#)
March 8-10, 2016
Los Angeles

[TE-13 Synchro and SimTraffic](#)
March 15-16, 2016
Costa Mesa

PRESENTED BY
THE SOUTHERN CA CHAPTER OF AMERICAN PUBLIC WORKS ASSOCIATION

17TH ANNUAL COMPLETE STREETS & TECHNOLOGY CONFERENCE

SAVE THE DATE ✓
Wednesday
April 20, 2016
8 a.m. - 3:30 p.m.

ENGAGING TOPICS OF BENEFIT TO CURRENT PUBLIC WORKS PRACTITIONERS:

- | | |
|---|--|
| <ul style="list-style-type: none"> ➤ Plans, Specifications and Estimates (PS&E) ➤ Mobile Computer Applications ➤ Construction Management Best Management Practices ➤ ADA Accessibility Compliance | <ul style="list-style-type: none"> ➤ Pavement Management Advances ➤ Tech Tools for Operations Maintenance ➤ Green Streets and Water Quality ➤ 3 Complete Streets Sessions: <ul style="list-style-type: none"> • Active Transportation Funding & Safety • Sustainable Streetscapes • Complete Streets Stories |
|---|--|
- PLUS | BONUS LUNCH PRESENTATION

DETAILS

Carson Community Center
801 East Carson Street
Carson, CA 90745
Wednesday, April 20, 2016
8 a.m. - 3:30 p.m.

EXHIBITORS

If you are interested in being an Exhibitor, please contact:
Alan Rigg
(714) 890-4203
arigg@ci.stanton.ca.us

COST

\$145 Members
\$165 Non-Members
\$165 Walk-ins | \$525 Vendors
Students - FREE for the first 10 to register! (\$50 thereafter)

OCTEC/ITE SoCal/RSBITE HOLIDAY MIXER

The annual OCTEC/ITE SoCal/RSBITE Holiday Mixer was held on December 9, 2015 at the Los Coyotes Country Club in Buena Park. This was another great event hosted by the three organizations that kicked off the holiday season with appetizers, drinks, casino games, and wonderful raffle prizes provided by all of our wonderful sponsors. The OCTEC Board would like to thank our sponsors and all of our members that attended the event.



Looking for Job Opportunities, Have Job Opportunities, Want to get the latest newsletter?

Visit our website <http://octec.net> for job listings, newsletters, and presentations from meetings.

Please contact Ed Alegre or any Board member if you have any job listings that you want posted to the OCTEC website.

ITS CA ANNUAL MEETING—SAVE THE DATE Sept. 19-21, 2016



come join us 

2016 ITS California Annual Conference and Exhibition
Hyatt Regency Indian Wells
September 19 - 21, 2016

THIS MONTH'S NEWSLETTER IS SPONSORED BY



WE can help you with your traffic data collection needs.

Unsurpassed customer service. High-quality vehicle counts. Together, they add up to unmatched traffic data collection from a southern California industry-leader – **Counts Unlimited.**

Our services include:

- Turning Movement Counts
- Entering Volume Counts
- Directional Volume Counts
- Classification/Speed/Radar
- Parking Surveys
- GPS Travel Time Surveys

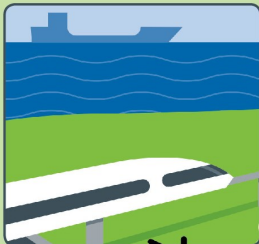
To learn more about these and other data collection services, contact us at:

counts@countsunlimited.com

951.268.6268



WHAT WE DO



Innovation for better mobility

www.iteris.com

2015 -2016 Sponsors

OCTEC would like to give a special thanks to all of our generous sponsors!

<u>Meeting Date</u>	<u>Newsletter Sponsors</u>	<u>Lunch/Meeting Sponsors</u>
September 24, 2015	Kimley-Horn and Associates, Inc. Transpo Group	
October 22, 2015 Joint Meeting—ITE SoCal	Albert Grover & Associates DKS Associates	
January 28, 2016	Counts Unlimited Iteris	
February 25, 2016 Joint Meeting—ITS CA	HDR Irvine Global Consulting	
March 24, 2016	Advantec Consulting Engineers, Inc. <2nd Sponsorship Available>	
April 28, 2016	KOA Corporation <2nd Sponsorship Available>	
May 6, 2016	OCTEC ITE Golf Tournament (Green River Golf Course)	
May 18, 2016	SoCal ITE/OCTEC Student Night (Knott's Berry Farm Resort Hotel)	
June 23, 2016	Kunzman Associates, Inc. Stantec	

For more information and sponsorship opportunities, please contact Vikas Sharma at (213) 261-4050 or vikas.sharma@kimley-horn.com

OCTEC 2015 -2016 Officers



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