

MARCH PRESENTATION:

What Makes a City Smart?

Presenters: Diana Chang, Chief Transportation Officer, City of Culver City
 Jeffrey Kupko, PE, PTOE, Associate Vice President, Michael Baker International
 Loreana Marciante, Principal Technologist, HNTB

Diana Chang, leads the City of Culver



City's Transportation Department in planning, operating, and implementing citywide and subregional mobility services and initiatives to reimagine mobility, connect community, and enhance the quality of life in Culver City and beyond. As the Chief Transportation Officer, she reports to the City Manager and oversees four divisions in Transportation: Fleet Services, Transit Administration, Transportation and Mobility Planning, and Transit Operations - a total of 195 employees.

She has a background in architecture and urban planning. Her expertise includes innovative mobility solutions, strategic mobility planning and collaboration, mobility management, and transportation capital improvement projects. Her work has been focused on improving citywide and subregional mobility, including the MOVE Culver City Project, the Metro E-Line (Expo) Light Rail station in Culver City, the Culver CityBus Comprehensive Service Analysis, the Micromobility Program, the Transportation Demand Management Program, the SmartBus System, the Bus Signal Priority System, the Real-Time Bus Arrival Information System, and the Culver City-Bus Rapid Line on Sepulveda Boulevard.

Jeffrey Kupko, PE, PTOE, is an Associate Vice President for Michael Baker with 18 years' experience. He is the National Advanced Mobility and Vehicle Electrification

Director in Michael Baker's Mobility Tech-



nology Solutions specialty practice and supports smart communities, vehicle automation initiatives, and vehicle electrification efforts. He served as em-

bedded staff in the Smart Columbus Program Management Office as a City project manager and was responsible for leading the AV shuttle and Smart Mobility Hubs projects. He led the deployment of the first two self-driving shuttles in OH, and is currently working on three Automated Driving Systems (ADS) grants. He is also supporting vehicle electrification efforts nationally, including having worked on three National Electric Vehicle Infrastructure (NEVI) plans.

Loreana Marciante, is passionate about developing strategic emerging mobility solutions through multi-disciplinary per-



spectives that lead to positive impact for people, planet, and the bottom line. Skilled in project and program management

from strategic concept development to detailed project execution. She holds a degree in Industrial Engineering from the University of Costa Rica, a Master's in Environmental Studies from Brown University with emphasis in urban sustainability and transit oriented development.

Joint Meeting with ITS-CA



March 23, 2023
11:00 AM to 1:00 PM

Orange County Mining Co
 10000 S Crawford Canyon Rd
 Orange, CA 92705

Lunch Fees:

Early (by 6pm on 3/21): \$25
Student (by 6pm on 3/21): \$15
At-the-door: \$35

Please register via [Eventbrite](https://www.eventbrite.com/e/octecits-ca-march-2023-luncheon-and-joint-meeting-tickets-539748049947) at:
<https://www.eventbrite.com/e/octecits-ca-march-2023-luncheon-and-joint-meeting-tickets-539748049947>

If you have any questions, please contact **Trevor Briggs**, at trevor.briggs@kimley-horn.com

THIS MONTH'S LUNCH IS SPONSORED BY:



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OCTEC 2023 GOLF TOURNAMENT

Annual Golf Tournament

Friday - May 12, 2023

Tijeras Creek Golf Club

Rancho Santa Margarita, CA

<https://octec-golf2023.eventbrite.com>

Contact:

Ron Keith - (949) 293-9523 - Ronkeith3939@att.net

**We have a full tournament as all foursomes have been filled...
but there's still plenty of Sponsorship opportunities:**

**Platinum Level (\$1600) - Gold Level (\$1200) - Silver Level (\$1000)
Luncheon Sponsor (\$700) - Hole Sponsor (\$400)
Long Drive Men (\$450) - Long Drive Ladies (\$450)
Closest 2 Pin Front Nine (\$450) - Closest 2 Pin Back Nine (\$450)
Cart Sponsor (\$800) - Grab N' Go Breakfast (\$300)
Coffee and Pastry Bar (\$150)**

ALL SPONSORSHIPS WILL HAVE A SIGN ON TEE BOX AND RECOGNITION AT SIGN-IN AND LUNCHEON

PLATINUM, GOLD, SILVER, CARTS, & LUNCHEON SPONSORS HAVE RECOGNITION AT SIGN-IN AND LUNCHEON (AND MAY EVEN HAVE A FEW MINUTES TO SPEAK)

OCTEC GIFT SPONSORS ARE LIMITED TO TWO (2) AND HAVE THEIR COMPANY LOGO ON THE ITEM ALONG WITH THE OCTEC TOURNAMENT LOGO

GOLF PLAY AND LUNCHEON DONATION IS \$100 PER PLAYER IF FOURSOME OR TWOSOME - \$150 IF SINGLE SPONSORSHIP DONATIONS ARE OFFSETING COSTS SO BE SURE TO THANK THE VENDORS

REMEMBERING TRAM HARTZOG



Trammell G. Hartzog
July 5, 1943 - March 3, 2023

Trammell “Tram” Hartzog was born in New York. He started his traffic engineering career at the City of Fullerton, and quickly specialized in traffic signal operations. He moved on to BSI Consultants before he founded and was president of Hartzog & Crabill, Inc. (HCI) in July, 1993. Tram is considered an expert in traffic engineering, and has always been a great leader to the HCI family. Although Tram cut back his workload over the past few years, he still enjoyed working with the HCI team helping take care of clients. The HCI family staff-members remain steadfast in continuing his legacy and handling all traffic engineering services that they have been providing for the last 30 years.

Tram has been married to Janice, his high-school sweetheart, for 57 years. They have two kids, Dana and Todd, along with four grandchildren, Shannon, Ben, Paige, and Trammell (TJ).

To send your condolences, please reach out to Hartzog & Crabill directly at:

Hartzog & Crabill, Inc.
Consulting Traffic Engineers
17852 East 17th Street, Suite 101
Tustin, CA 92780
(714) 731-9455

FEBRUARY 2023 MEETING RECAP

The fourth **OCTEC** luncheon of the 2022-2023 year was held on Thursday, February 23, 2023 at the Orange County Mining Co. The topic was Citywide Adaptive Control Systems During The COVID-19 Pandemic (2020-2022) presented by Jose Guedes from ADVANTEC Consulting Engineers, Inc. The presentation was very information and really gave us a perspective of what traffic conditions were like pre COVID-19, during COVID-19, and post COVID-19. For those who were unable to attend the meeting please feel free to e-mail any of the Board members and the presentation slides can be made available.



FEBRUARY 2023 MEETING RECAP (CONTINUED)



2023 OCTEC MEMBERSHIP DRIVE

2023 SPRING SOCIAL MIXER

**Renew your
2023 OCTEC Membership**

Members enjoy discounted tickets to events.

Join via **Eventbrite** at:

<https://www.eventbrite.com/e/2023-octec-membership-tickets-506636201517>

ROCK & BREWS
RESTAURANT

1222 Irvine Blvd.,
Tustin, CA 92780

Thursday - April 6, 2023 6:00p - 8:00p

Member: \$10*

Non-Member: \$12*

At-the-door: \$15

(* Early Registration Ends 4/5/2023 @ 11:30pm)

ENGINEER JOKE OF THE MONTH

An indeterminate beam walks into a bar.
"What can I get ya?" asks the bartender.
"Just give me a moment," replies the beam.

Register via **Eventbrite** at:

<https://www.eventbrite.com/e/2023-octec-spring-social-tickets-558817266487>

Price includes:

Entry, Appetizers, and 1 Drink

LOCAL, REGIONAL, & NATIONAL NEWS

L.A. riders bail on Metro trains amid 'horror' of deadly drug overdoses, crime

Matthew Morales boarded the Metro Red Line at MacArthur Park as classical music blared over the station loudspeakers.

It was rush hour on a Tuesday afternoon, and Morales made his way to a back corner seat and unfolded a tiny piece of foil with several blue shards of fentanyl. As the train started west, he heated the aluminum with a lighter and sucked in the smoke through a pipe fashioned from a ballpoint...

[\[Continue here\]](#)

North County Transit's Proposed Railroad Fence Awaits Decision More Than Two Years After Petition

More than two and a half years after the North County Transit District submitted its petition for a declaratory order regarding whether Del Mar gets a safety fence constructed along its 1.7 miles of blufftop railroad, the Surface Transportation Board has not yet provided a decision.

The regulatory issue was brought to the STB on Aug. 28, 2020, after years of tension over the fence between the transit district and community residents, according to the San Diego Union-Tribune...

[\[Continue here\]](#)

The E-Bike Era Is Here. Is California Ready?

In California, most car trips are less than ten miles long - so it's no wonder that e-bikes are emerging as a perfect and climate-friendly alternative for many of those trips. An e-bike journey can reduce urban congestion and increase joy, all while helping California meet our climate goals.

But many are now asking how to regulate this new form of mobility. So let's have this discussion.

Our goal should be to find a place for e-bikes and e-cargo bikes in our transportation mix with the twin goals of ensuring safety for all road users *and* making space for this new travel mode to grow and someday replace millions of auto or delivery truck trips. Our planet will thank us...

[\[Continue here\]](#)

Brightline, Caltrans to sign pact for Apple Valley to Rancho Cucamonga rail line

The California Department of Transportation and Brightline West plan to enter a right-of-way use agreement for a portion of the high-speed rail project along Interstate 15 between Apple Valley and Rancho Cucamonga via the Cajon Pass.

The agreement is designed to advance the development of the privately owned and operated electrified rail project that will connect Las Vegas to Southern California.

[\[Continue here\]](#)

OCTA sets wheels in motion on longer-term rail stabilization efforts

The Orange County Transportation Authority today took an important step toward finding solutions to protect the vital coastal rail line through south Orange County.

At Monday's meeting, the OCTA Board approved releasing a request for proposals for the South Coast Rail Infrastructure Feasibility Study and Alternative Concepts Analysis, which will work with partners to analyze the issues threatening track stability and guide future planning efforts to find effective solutions.

[\[Continue here\]](#)

It's time to make a realistic transit plan for California

As California faces a \$24 billion budget deficit and transit agencies approach a fiscal cliff due to dwindling ridership, some public transportation advocates have called for eliminating customer fares to increase ridership. But forgoing this source of revenue would worsen financial problems and transit's already gloomy outlook because decades of research have found that ridership is more sensitive to service quality than fare price.

Instead, advocates should be more realistic about transit's role in providing transportation and demand efficiency improvements so transit can function well in the niche markets where it can provide the most value.

Nationwide, transit ridership in Dec. 2022 remained 34% below pre-pandemic Dec. 2019 levels, with sharper declines for rail service, which tends to serve wealthier riders, than for buses...

[\[Continue here\]](#)

JOB ANNOUNCEMENTS

City of La Habra

“Engineering Intern (Part-Time)”

The **City of La Habra** is recruiting to fill the position of Engineering Intern in the Engineering Division of the Public Works Department, and to establish an eligibility list for future openings. This is a part-time position, which reports to the Principal Engineer in the Engineering Division, and is scheduled to work approximately 20 to 28 hours per week. Hours may vary based upon the needs of the department.

<https://www.governmentjobs.com/careers/lahabracajobs/3953987/engineering-intern-part-time?pagetype=jobOpportunitiesJobs>

Michael Baker International

Michael Baker International is hiring a Traffic Engineer (Technical Manager I) will develop ITS, fiber optic, traffic signal, traffic control, signing, and pavement marking plans, as well as perform traffic operational analyses. The Traffic Engineer will utilize their knowledge and skills to support our project teams in delivery of projects through planning and design.

https://ebxs.fa.us2.oraclecloud.com/hcmUI/CandidateExperience/en/sites/CX_2/job/304031

Michael Baker International is hiring a Traffic Associate (Civil Associate II) will develop ITS, fiber optic, traffic signal, traffic control, signing, and pavement marking plans, as well as perform traffic operational analyses. The Traffic Engineer will utilize their knowledge and skills to support our project teams in the delivery of projects through planning and design.

https://ebxs.fa.us2.oraclecloud.com/hcmUI/CandidateExperience/en/sites/CX_2/job/304030

ADVANTEC Consulting Engineers

ADVANTEC is hiring for Highway/Public Works Senior and Mid-level Project Managers; ITS Project Managers; ITS, Electrical, and Traffic Engineering Mid-Level Project Engineers; Graduating Transportation Engineers; and Inters.

<https://www.advantec-usa.com>

City of Fountain Valley

“Associate Engineer”

The **City of Fountain Valley** seeks an individual that can perform responsible, complex, and professional civil and/or traffic transportation, engineering, and administrative work in the design, development investigation, construction, and

maintenance of Public Works facilities, traffic control, and transportation management including the acquisition of real property; and perform other related work as required.

<https://www.governmentjobs.com/careers/fountainvalley/jobs/3870883/engineering-associate?pagetype=jobOpportunitiesJobs>

City of Newport Beach

“Principal Civil Engineer”

The **City of Newport Beach** seeks an experienced and motivated individual for our Principal Civil Engineer position within the Transportation and Development Services Division of the Public Works Department. This management-level position reports directly to the City Traffic Engineer and will manage a highly effective team of transportation and development engineers to guide development within city while promoting safe and efficient movement of people and goods throughout Newport Beach.

<https://www.governmentjobs.com/careers/newportbeach/jobs/3849744/principal-civil-engineer-transportation?page=2&pagetype=jobOpportunitiesJobs>

City of Seal Beach

“Deputy Directory of Public Works / City Engineer”

The **City of Seal Beach** seeks a Deputy Director of Public Works/City Engineer. Under administrative direction of the Director of Public Works, this position will be responsible for managing the activities and services of key functional areas within the Public Works Department, including Engineering (streets, traffic, and land development) and Capital Projects (planning, design, and construction).

<https://www.calopps.org/seal-beach/job-20339834>

Please contact [Ryan Calad](#) or any Board member if you have any job listings that you would like posted to the OCTEC website or included in the next month’s OCTEC newsletter.

Visit our [WEBSITE](#) for the latest job posts, newsletters, and presentations from current and past meetings.

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- Best Workplace for Women

We are Growing!

We are seeking Transportation Professionals at all levels with experience in Transportation Planning/Engineering, Traffic Operations, Transit, and ITS throughout California. Our Southern California offices include:

- Orange
- Los Angeles
- Coachella Valley
- Long Beach
- Riverside
- San Diego

Visit our website for more exciting information www.kimley-horn.com

Send confidential inquiries to:

Anne Bologna, Senior Corporate Recruiter: anne.bologna@kimley-horn.com



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Outdoor LED Lighting & Street Light Solutions



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Wireless Solutions for ITS/Traffic Markets



LED Internally-Illuminated Street Name Signs



LED Lighting Photo Controls & Power Tap

2022-2023 SPONSORS

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

Meeting Date

Newsletter Sponsors

Lunch/Meeting Sponsors

September 22, 2022

AGA Engineers, Inc.
Michael Baker International



October 27, 2022
Joint Meeting — ITE SoCal

General Technologies and Solutions
LSA Associates, Inc.



January 26, 2023

KOA Corporation
Bear Electrical Solutions, Inc.



February 23, 2023

DDL Traffic Inc.
EtherWAN



March 23, 2023
Joint Meeting with ITS-CA

Kimley-Horn and Associates, Inc.
NexTech Systems, Inc.



April 27, 2023

Linscott, Law & Greenspan, Engineers
RailPros, Inc.



May 12, 2023

OCTEC Golf Tournament
SoCal ITE/OCTEC Student Chapter Night

<Sponsorship Available>

June 22, 2023

ADVANTEC Consulting Engineers, Inc.
Gandini Group, Inc.



For more information and sponsorship opportunities, please contact Trevor Briggs at (714) 786-6117 or trevor.briggs@kimley-horn.com

OCTEC 2022 - 2023 Officers

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Contact Any of the board members if you are interested in joining the OCTEC Team in the future.