



ITE WESTERN DISTRICT ANNUAL MEETING CONFERENCE PROGRAM

June 26th – 29th, 2022
Palm Springs, CA



Welcome and thank you all for attending this year's ITE Western District Annual Meeting in Palm Springs!

Your Local Arrangements Committee (LAC) team has diligently assembled one of the BEST annual meeting programs for you these next four days filled with student initiatives, networking opportunities, technical information, and fun entertainment.

What to expect are the following:

- A beautiful stay at the luxury Renaissance Hotel joined to the state-of-the-art Convention Center minutes away from Downtown Palm Springs
- Up to 55 notable exhibitors showcasing their latest innovative products, equipment and services
- Over 90 professional speakers covering a wide range of technical topics about complete streets, ITS, broadband communications/fiber design, corridor management, speed limit setting, etc.
- First Caltrans track spanning technical topics on trucks and goods movement, active transportation, micro-mobility, etc.
- Highly anticipated Professional and Student Traffic Bowl competitions
- Family Night at the Palm Springs Air Museum offering backyard picnic style games and concession stands snacks
- 1950's sock-hop themed event with live music at the Annual Awards Banquet
- AND so much more...

So again, welcome and be sure to participate in all the exciting activities we have planned for you. Enjoy!



Dennis Acuna
LAC Co-Chair



Gianfranco Laurie
LAC Co-Chair





Welcome to the ITE Western District 2022 Annual Meeting in Palm Springs!

It is also a welcome to the first in-person Western District Annual meeting since 2019 in Monterey, CA. Hard to believe that it has been three years and we have all missed seeing and participating in all of the Annual Meeting events, technical programs and making personal and professional connections.

The Western District has a long history of holding great Annual Meetings in some wonderful locations all over the Western United States. The last time the Western District hosted a meeting California's Coachella Valley was 20 years ago in Palm Desert. This year, the LAC has put together another outstanding conference, with a technical program filled with high-quality topics and speakers and a vendor exhibit filled with the best vendors in our industry. Included in the meeting are also many opportunities for networking with fellow professionals and dedicated programming for students and young professionals along with social and family activities. I would like to personally thank our LAC for their hard work planning this meeting!

On behalf of the entire ITE Western District Board, we hope you have a great meeting and are able to get reacquainted with peers and friends and find great value in the technical and social events both professionally and personally. Lastly, a huge **Thank You** to the Annual Meeting sponsors who support ITE so that we can provide a great meeting that continues to be affordable for all members.

Joe De La Garza
ITE Western District President





LOCAL ARRANGEMENT COMMITTEE



CO-CHAIR:
Dennis Acuna
*Traffic Engineer,
County of Riverside, County*



TECHNICAL CHAIR:
John Kerenyi
ITS Director, Jacobs



AUDIO/VISUAL CHAIR:
Abe Campos
Counts Unlimited



CO-CHAIR:
Gianfranco Laurie
*Traffic Engineering Manager,
County of Ventura*



TECHNICAL VICE CHAIR:
Lawrence Tai
*Project Manager,
ADVANTEC Consulting Engineers*



EXHIBITOR CHAIR:
Carlos Ortiz
*Chief Operating Officer,
ADVANTEC Consulting Engineers*



FINANCIAL CHAIR:
Balraj More
INRIX



**TECHNICAL TOUR/
KEYNOTE CHAIR:**
Eric Cowle
*Transportation Engineer,
Coachella Valley Association
of Governments*



SPONSORSHIP CHAIR:
Dilesh Sheth
*Vice President,
Albert A. Webb Associates*



HOTEL CHAIR:
Susan Vombaur
County of Riverside



FAMILY NIGHT CHAIR:
Trisha Munoz
*Engineering Designer,
David Evans and Associates*



**LOCAL SECTION/
VOLUNTEER LIAISON:**
Balraj More
INRIX



REGISTRATION CHAIR:
Doug Smith
HDR

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JUST ADDED!

More Technical Tours for **#ITENOLA2022** Plus Don't Miss These Workshops



Announcing the Lineup of Workshops and Technical Tours

Make the most of the learning experience in New Orleans.

ITE's Annual Meeting agenda includes workshops and technical tours that complement our already-robust educational program. Don't miss the chance to take a deep dive into a topic -- workshops are being offered Sunday, July 31 and Wednesday, August 3.

Workshops

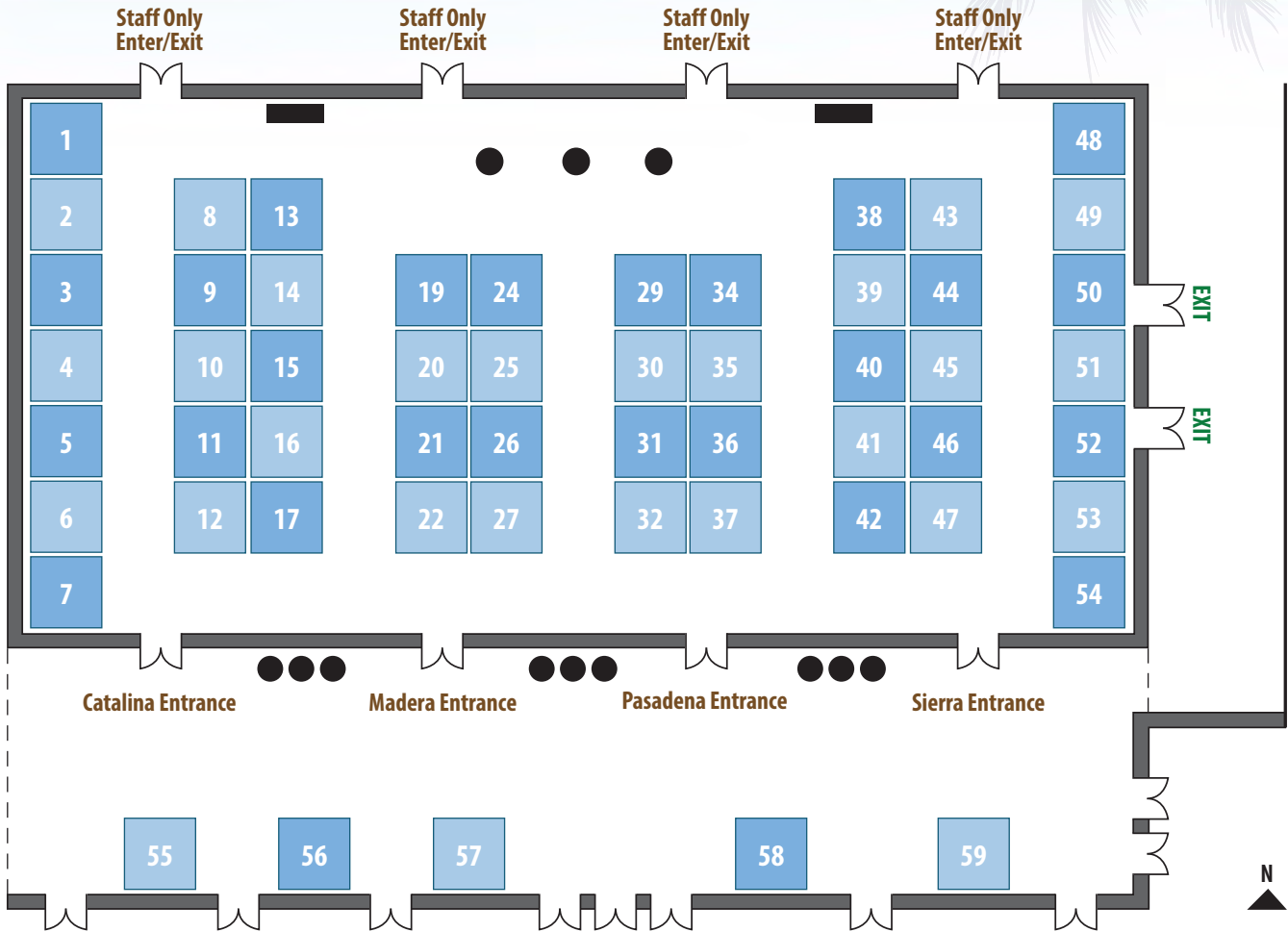
These workshops take place on Sunday and Wednesday afternoon. There is a \$25 registration fee for each workshop, unless otherwise marked. Visit the ITE Annual Meeting and Exhibition page for more information and to reserve your spot! Plus, check out one of the technical tours to experience firsthand some of the exciting transportation projects that are transforming New Orleans.

If you've already registered for the Annual Meeting, you can easily add a workshop or tour to your package. Questions? Contact membership@ite.org



New Orleans 22
Annual Meeting and Exhibition
July 31–August 3

EXHIBITION HALL LAYOUT



1		9		17		27		37		45		53	
2		10		19		29		38		46		54	
3		11		20		30		39		47		55	
4		12		21		31		40		48		56	
5		13		22		32		41		49		57	
6		14		24		34		42		50		58	
7		15		25		35		43		51		59	
8		16		26		36		44		52			

SAVE THE DATE!

Are you enjoying networking with colleagues, learning about emerging topics, and participating in fun events? Well then plan ahead for some of our upcoming Annual Meetings. The Western District is already planning for our 2023 and 2024 Annual Meetings, and will soon have exciting news to share about our 2025 meeting! Find out more about our upcoming meetings below:

2023 Annual Meeting in Portland, OR August 13-16, 2023

This meeting will be joint with ITE International at the Hyatt Regency Portland and the Oregon Convention Center from August 13-16. The technical program will be led by ITE International, but don't worry, we are still planning District-oriented events like a Student Events Day and Family Night. The Call for Papers will be issued in the fall this year for those wishing to present. Stay tuned for more information!



2024 Annual Meeting in Sacramento, CA June 23-26, 2024

Join us at the Sheraton Grande Sacramento from June 23-26, 2024. Our LAC led by Cameron Shew will be planning a great technical program, exciting technical tours, and fun meeting events.



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"ADVANTEC
is proud partnering with
CVAG building a Smart Region
in the Coachella Valley".

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CONFERENCE SESSION MATRIX



	SUNDAY JUNE 26	MONDAY JUNE 27	TUESDAY JUNE 28	WEDNESDAY JUNE 29	
6:00					
6:30					
7:00		Morning Coffee	Morning Coffee	Morning Coffee	
7:30			Leadership Breakfast	WD LAC Meeting	
8:00	James H. Kell Student Competition Hotel (Santa Rosa) Board Meeting (Chino) Registration Desk Open Exhibit Hall Setup (California Grand Ballroom)	Opening Session: Keynote Address (8:00-9:30) (Oasis 2)	Technical Sessions 5A, 5B, 5C (8:00-9:30) (Chino, Pueblo, San Jacinto)	Technical Sessions 8A, 8B, 8C (8:00-9:30) (Chino, Pueblo, San Jacinto)	
8:30			Career Guidance Panel Session (Oasis 3)	Caltrans Technical Session 8D (Mojave LC)	
9:00		Break	Break	Break	
9:30					
10:00			Technical Sessions 2A, 2B, 2C (10:00-11:30) (Chino, Pueblo, San Jacinto)	Technical Sessions 6A, 6B, 6C (10:00-11:30) (Chino, Pueblo, San Jacinto)	Technical Sessions 9A, 9B, 9C (10:00-11:30) (Chino, Pueblo, San Jacinto)
10:30			ITE Town Hall (Mojave LC) Student Traffic Bowl Pre-Qual (Oasis 3)	Military Race (Oasis 3B) Caltrans Technical Session 6D (Mojave LC)	Caltrans Technical Session 9D (Mojave LC)
11:00			Registration Desk Open	Registration Desk Open	Registration Desk Open
11:30					
12:00			Kick Off Luncheon (11:30-1:00) (Oasis 2)	Annual Business Luncheon (11:30-1:30) (Primrose A)	Western States Luncheon (11:30 - 1:30) (Catalina/Madera)
12:30					
1:00		Technical Sessions 3A, 3B, 3C (1:00-2:30) (Chino, Pueblo, San Jacinto)	Technical Sessions 7A, 7B, 7C (1:30-3:00) (Chino, Pueblo, San Jacinto)		
1:30		Student/Faculty Leadership Forum (Mojave LC)	Student Traffic Bowl (Oasis 3)		
2:00		Break	Caltrans Technical Session 7D (Mojave LC)		
2:30					
3:00		Technical Sessions 4A, 4B, 4C (3:00-4:30) (Chino, Pueblo, San Jacinto)	Traffic Bowl (3:00-5:00) (Oasis 3)		
3:30		Young Member & First Timer Social (Oasis 3)			
4:00					
4:30					
5:00					
5:30					
6:00	Get Acquainted Social (5:30-7:30) (California Grand Ballroom)		Cocktail Hour (6:00-7:00) (Oasis 3)		
6:30					
7:00		Family Night (6:00-9:00) (Palm Springs Air Museum)			
7:30					
8:00					
8:30					
9:00			Annual Awards Banquet (7:00-11:00) (Oasis 2)		
9:30					
10:00					
10:30					

Reference Guide

- Meeting Events
- Student Activities
- Registration Desk
- Technical Tours
- Coffee & Breaks
- Leadership Events
- Technical Sessions
- Exhibit Hall
- ITE International



CONFERENCE WELCOMING REMARKS



MONDAY, JUNE 27th

Ms. Lisa Middleton | Mayor, City of Palm Springs

Ms. Lisa Middleton was first elected to the Palm Springs City Council in November 2017. In November 2020, running unopposed, she was re-elected to the Palm Springs City Council. Her current term on City Council ends in December 2024.

On December 9, 2021 she became the Mayor of Palm Springs. Palm Springs Council Members rotate annually the Mayor's responsibility. She is the third transgender person in US History to serve as Mayor of an American city, the first transgender person to serve as Mayor in the state of California.

In April 2019, Governor Gavin Newsom appointed Lisa to the Board of Administrators of the California Public Employees Retirement System (CalPERS). CalPERS provides pensions to 1.9 million people, health benefits to over 1.5 million people and has global investment assets in excess of \$500 billion.

In addition Lisa is a member of the Board of Directors:

- Riverside County Transportation Commission
- Sunline Transit Agency
- Metrolink (Alternate)
- League of California Cities
- Equality California Institute
- The Candidate School at Yale University
- California Association of Councils of Governments

Ms. Middleton retired after serving 36 years with the State Compensation Insurance Fund of the State of California. At her retirement she was the Senior Vice President of Internal Affairs.

Lisa is a graduate of UCLA and USC, receiving her Masters in Public Administration from USC.

Ms. Middleton is the first transgender person elected to a political office in the state of California. Together since 2000, Lisa and her wife Cheryl were married in July 2013. She is the proud parent of two accomplished educators.



MONDAY, JUNE 27th

Mr. Juan Perez | Chief Operating Officer of Riverside County

Juan is currently serving as the Chief Operating Officer (COO) for the County of Riverside since February 2021. In this position, he oversees the constituent services areas of County government, including working in partnership with elected and appointed Department Heads representing 25 County departments.

Juan has been with the County of Riverside for 20 years. His previous roles included serving as Assistant CEO/TLMA Director overseeing the Public Works, Land Use, and Environment functions of the County, and the Transportation and Land Management Agency. Prior to that, Juan served as Deputy Director of Transportation before becoming the Director of Transportation.

He received his Bachelor of Science Degree in Civil Engineering from Cal Poly Pomona in 1989, and is a Registered Civil and Traffic Engineer in the State of California. Juan also received his Master's Degree in Educational Leadership and Organizational Studies from Cal Baptist University in 2014.

Juan started his career in the private sector with various consulting firms providing municipal transportation services. Prior to coming to the County, Juan was employed by the City of Hemet for nine years, including the last four as the City's Director of Public Works.



KEYNOTE AND LUNCH SPEAKERS



KEYNOTE SPEAKER, MONDAY, JUNE 27th Mr. Darren Kettle | Metrolink CEO

Mr. Darren Kettle is Chief Executive Officer of Metrolink, Southern California's regional passenger rail service that provides a safe, easy, affordable, and stress-free alternative to car travel for the more than 18 million residents of the six-county mega-region.

Mr. Kettle is a lifelong public servant with a professional career that spans more than 30 years working for local and regional government agencies.

With a passion for connecting people to and through public transit, Mr. Kettle is focused on expanding Metrolink's essential role in safely connecting people and communities of Southern California to what matters most: family, work, housing and fun. To accomplish this, he is leading the agency to continually improve the customer experience, collaborating with the region's transit authorities to provide an integrated system with seamless transfers anywhere people want to go. His vision is supported by the agency's Southern California Optimized Rail Expansion (SCORE) Program, a \$10 billion, job-creating capital program to improve rail safety and service prior to the 2028 Olympic and Paralympic games.

Before joining Metrolink in September 2021, Mr. Kettle was the Executive Director of the Ventura County Transportation Commission (VCTC) for 14 years. At VCTC, Mr. Kettle led a team focused on improving transportation planning to ensure wise investments of public funds on a wide array of initiatives, ranging from freeway and highway projects, bus, and rail service to bicycle and pedestrian projects that foster wellbeing and environmentally friendly activities among residents and tourists alike.

Previously, Mr. Kettle was with the San Bernardino Associated Governments (SANBAG) from 2000 through 2007 – a time when the area, part of the Inland Empire, saw tremendous growth. His last position at SANBAG was Director of Freeway Construction, responsible for managing the project development and construction of the San Bernardino Valley's largest transportation projects, including State Route 210 extension in Rialto and San Bernardino, widening Interstate 10 through Redlands, and widening Interstate 215 through San Bernardino, as well as other freeway, interchange, and rail crossing projects. Mr. Kettle played an integral role in the 2004 passage of San Bernardino County's ½ cent sales tax extension for transportation projects (Measure I).

Early in his SANBAG tenure, Mr. Kettle was Director of Intergovernmental and Legislative Affairs for both SANBAG and the Riverside County Transportation Commission (RCTC) where he managed a collaborative government affairs program for both counties. Mr. Kettle was active in public and private sector transportation and local government advocacy groups and represented SANBAG and RCTC in discussions with State and Federal elected and appointed officials. In 2002, Mr. Kettle was instrumental in RCTC's passage of Riverside County's ½ cent sales tax extension for transportation (Measure A).

Mr. Kettle has a Bachelor's Degree in Political Science from the University of California, Santa Barbara and a Master's in Public Administration from California State University, San Bernardino. Kettle and his wife Keri live in Camarillo and enjoy when the "circus" comes to town each time their four kids pay a visit.



MONDAY LUNCH SPEAKER, JUNE 27th Mr. Tom Kirk | CVAG Executive Director

Mr. Tom Kirk is the Executive Director of the Coachella Valley Association of Governments (CVAG). Before joining CVAG in June 2009, Mr. Kirk served in both the private and public sectors, served as Executive Director of the Salton Sea Authority, and a city councilman in La Quinta. Mr. Kirk has extensive experience working for real estate development companies and for planning/engineering consultants. Mr. Kirk earned a bachelor's degree, with honors, in Geography from the University of California, Los Angeles and a master's degree in Urban and Regional Planning from the University of California at Berkeley where he graduated at the top of his class. Mr. Kirk was also a fellow of the University of California Transportation Center, a graduate of the Coro Foundation Public Affairs program, and the Harvard Kennedy School.

CVAG is a joint powers authority made up of the cities of Blythe, Cathedral City, Coachella, Desert Hot Springs, Indian Wells, Indio, La Quinta, Palm Desert, Palm Springs, and Rancho Mirage; the County of Riverside; and four Indian Tribes: Agua Caliente Band of Cahuilla Indians, Cabazon Band of Mission Indians, Torres Martinez Desert Cahuilla Indians and the Twenty-Nine Palms Band of Mission Indians.

The most recognized success at CVAG is in transportation. CVAG worked in cooperation with its thirteen-member jurisdictions to develop a progressive regional road program and congestion mitigation program. Under his leadership, CVAG celebrated the completion of a \$70 million interchange project – the sixth such effort as part of the Interstate 10 Improvement Corridor.

Mr. Kirk is the visionary behind the planning of the CV Link, a 40-plus mile pathway across the Coachella Valley for pedestrians, cyclists, as well as those who travel via neighborhood electric vehicles (NEV). He also led the launch of CV Sync, a regional signal synchronization program that will make travel more efficient and establish the backbone technology for a “smart region.”

Another successful effort at CVAG was the development of the Coachella Valley Multiple Species Habitat Conservation Plan (CVMSHCP). The CVMSHCP will conserve over 200,000 acres of undisturbed desert land by balancing the need for habitat conservation and development.

CVAG brought the valley cities together to address homelessness. The CV Housing First program has been a proven model of how extensive case management and rapid resolution solutions can address the hardest cases – the chronically homeless who have frequent interactions with law enforcement and emergency rooms.

Another high priority project at CVAG is the air quality program which involves a successful regional street sweeping program, reseeding alternatives education program, dust control ordinances, and landscaper related educational classes.

CVAG also leads a regional energy program that promotes energy efficiency and sustainability. Under Mr. Kirk's leadership, CVAG launched a regional PACE program offering energy, water and solar loans to property owners. Mr. Kirk also led in the formation of Desert Community Energy, a Community Choice Aggregation (CCA) program.



KEYNOTE AND LUNCH SPEAKERS



MONDAY LUNCH SPEAKER, JUNE 27th

**Mr. Paul Tollett | President and CEO
of Goldenvoice**

Mr. Paul Tollett began his career at Goldenvoice in the mid 1980's as an independent punk rock promoter, and took control of operations in the early 1990s. Over the years Goldenvoice has developed into the dominant alternative promoter in Southern California booking talent and operating music venues including the Fonda Theatre, El Rey Theatre,

Shrine Auditorium & Expo Hall, The Roxy, The Novo, Microsoft Theatre, and more promoting over 1500 concerts a year.

In addition, Paul has created and continues to develop multiple first-class music festivals, the largest of which is the Coachella Valley Music and Arts Festival. Now in its 20th year, the festival is two consecutive weekends, and attracts 250,000 music fans ever year. Past performers include Radiohead, Beyoncé, Rage Against the Machine, Daft Punk, Jay-Z, Paul McCartney, The Weeknd and Lady Gaga, as well as a who's who of up and comers at the Empire Polo Field in Indio, California. In 2007, he created Stagecoach California's Country Music Festival, now in its 12th year. Over the years performers include legendary country music artists George Strait, Alan Jackson, Kenny Chesney and Willie Nelson alongside rising talents such as Luke Bryan, Jason Aldean, Brad Paisley, Carrie Underwood, Dierks Bentley and more. In 2016, Paul brought together The Rolling Stones, Bob Dylan, Paul McCartney, Neil Young, Roger Waters and The Who for Desert Trip, a once in a lifetime festival in Indio, CA.



ACTIVITY HIGHLIGHTS



SUNDAY, JUNE 26th

Get Acquainted Social,
James H. Kell Student Competition

MONDAY, JUNE 27th

Opening Session, Keynote Address,
Kickoff Luncheon, Family Night

Young Member & First Timer Social

TUESDAY, JUNE 28th

Annual Business Luncheon, Awards Banquet & Mitey Race

Professional Traffic Bowl

WEDNESDAY, JUNE 29th

Western State Luncheon



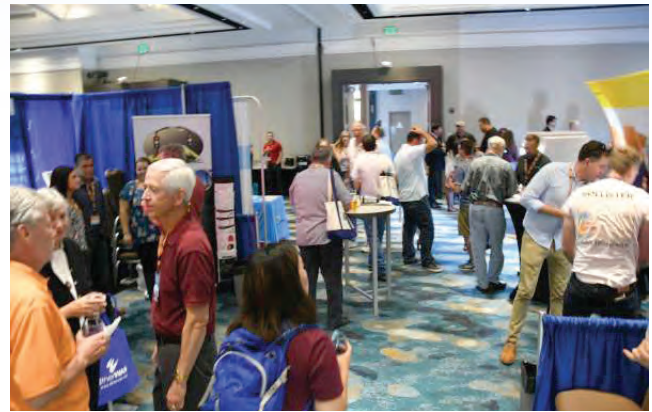


NETWORKING & PROFESSIONAL DEVELOPMENT EVENTS

SUNDAY, JUNE 26th | NETWORKING ACTIVITIES

Get Acquainted Social (5:30 – 7:30 PM) – California Grand Ballroom

Welcome reception in the Exhibit Hall. This event will include a cash bar and complimentary appetizers. A perfect opportunity to get to know many of the ITE leaders and reconnect with old friends. Welcome remarks will be made and raffle prizes will be given away.



MONDAY, JUNE 27th | NETWORKING ACTIVITIES

Opening Session and Keynote Address (8:00 AM – 9:30 AM) – Oasis 2

Join fellow attendees in kicking off the first full day of the conference. Your LAC Chair and District Presidents will be on hand for opening remarks followed by a Keynote Address and a brief ITE update by the ITE International President that will segue into the ITE Town Hall that follows. We are excited to announce that Mr. Darren Kettle, CEO of Metrolink/SCRRA will be our opening session speaker! Mr. Kettle will be presenting preparation for the 2028 Olympics, planned County service line extensions and enhancements, and much more

ITE Town Hall (10:00 AM – 11:30 AM) – Mojave Learning Center

The ITE International Leadership Town Hall session is intended to provide an open forum for members to have a facilitated conversation with ITE International Leaders. ITE President Beverly Kuhn, your Western District International Directors, and additional Executive Committee members will share details about key ITE initiatives and activities and seek feedback from members in an informal setting. This is your opportunity to meet ITE's Leadership, ask questions and share suggestions on how to make ITE better.

Kickoff Luncheon (11:30 AM – 1:00 PM) – Oasis 2

Mingle with fellow attendees during our traditional Kickoff Luncheon then hear an exciting presentation from our Keynote Speaker, Paul Tollett! Mr. Tollett, President and CEO of Goldenvoice, will speak about upcoming festivals, concert setups, spectator traffic control, festival technologies, and regional agency coordination in the Coachella Valley.

Young Member & First Time Attendee Ice Cream Social (3:00 – 4:30 PM) – Oasis 3

Meet and mingle with other young members and first time Annual Meeting attendees. This inaugural social event will feature fun, activities, and opportunities to meet some of our ITE leadership including ITE International President Beverly Kuhn, ITE International Vice President Rosana Correa, and your Western District officers & International Directors!

Family Night (6:00 PM – 9:00 PM)

The Palm Springs LAC has a ton of fun activities planned at the Palm Springs Air Museum. Join us for a fun-filled evening with self-guided tours in an air-conditioned hanger showcasing Cold War, Korea, and Vietnam War aircrafts and exhibits. We'll have your favorite picnic style games like corn hole, connected four, checkers along with concessions stands serving snow cones, popcorn, and more.

NETWORKING & PROFESSIONAL DEVELOPMENT EVENTS



TUESDAY, JUNE 28th | NETWORKING ACTIVITIES

Career Guidance Panel Session – Ethical Dilemmas in the Workplace (8:00 – 9:30 AM) – Oasis 3

“We have all experienced situations in which our professional responsibilities unexpectedly come into conflict with our deepest values. . . we are caught in a conflict between right and right. And no matter the option we choose, we feel like we’ve come up short.” – Joseph Badaracco

Ethical dilemmas are an inevitable element in decision making. These situations occur when a difficult choice has to be made between two courses of action, either of which entails violating or compromising ethical standards. Our goal with this session is to explore this topic with a focus on providing the following:

- Recognizing and defining ethical dilemmas/issues
- Identifying and understanding differing perspectives in workplace situations
- Developing viable alternative courses of action or solutions and identifying constraints
- Assessing alternatives in terms of consequences, defensibility, and barriers
- Enhancing and improving the ability of attendees to work toward a satisfactory resolution of an ethical dilemma

Moderator: Cathy Leong, Wilson Okamoto Corporation

Panel:

Hon. Fred Minagar, Mayor City of Laguna Niguel, Orange County, Minagar & Associates, Inc.

Rosana Correa, ITE International Vice President, Jacobs

Jeanne Acutanza, ITE Washington Section Past President, WSP

Tim Harpst, ITE International Past President, Past TCPB Chair, Horrocks Engineers

Kimberly Leung, Western District Vice President, SFMTA

Earn 1.5 PHD credits! See our Program page for more information.

Annual Business and Networking Luncheons (11:30 AM – 1:30 PM) – Primrose A & B

Attendees can choose to attend the Annual Business Luncheon or a Networking Luncheon. The Annual Business Luncheon will feature the current State of the District, annual budgets, awards and election results. The Networking Luncheon will be an unstructured luncheon where attendees can meet and mingle.

Awards Banquet (Social Hour 6 PM – 7 PM; Banquet 7 PM – 11 PM) – Oasis 2 & 3

Join us in recognizing the the best and brightest for their contributions and achievements. This year’s banquet is a 1950s Sock-Hop themed event! So time to grab your best ‘50s style clothing, practice the jive, and pretend to live in a black and white sitcom classic. Child care will be available on-site during this event.

WEDNESDAY, JUNE 29th | NETWORKING ACTIVITIES

Western States Luncheon (11:30 AM – 1:30 PM) – Catalina/Madera

A final celebration of the Western District, enjoy lunch with fellow members one last time, hear remarks from the District President, and witness the installation of new officers.



DAILY SESSIONS AND DESCRIPTIONS

MONDAY, JUNE 27, 2022

TRACK	A	B	C	D	E
2	2A: Big Projects	2B: Where Roads Cross: Intersections & Interchanges	2C: Broadband: More Fiber for your ITS Diet	ITE Town Hall	Student/YP
10:30 am - 11:30 am	<p>MODERATOR: Kimberly Leung SFMTA</p> <p>PRESENTERS: Jared Travis HDR <i>Mission Not Impossible: The Non-Interchange</i></p> <p>Ramin Nikoui City of Costa Mesa <i>Demonstration Project to Implementation: Merrimac Way Transformed by a Road Diet</i></p> <p>Ryan Whipple WSP, USA <i>Enhancing Active Transportation Design During Large Capital Project Construction: Four Case Studies</i></p> <p>Lindsey Van Parys GHD <i>A Tale of Two Cities: Using Streets to Provide Access to All</i></p>	<p>MODERATOR: Tim Harpst Horrocks Engineers</p> <p>PRESENTERS: Smith Siromaskul HDR <i>Innovation Overload: An Innovative Temporary Traffic Control Concept for an Innovative Permanent Design</i></p> <p>Andrew Bailey Kittelson & Assoc. <i>Rethinking ADA Ramps</i></p> <p>Walter Okitsu KOA Corporation <i>Corner Sight Distance Other than AASHTO's for Multi-Way Stop Control</i></p> <p>Jonathan Howard Caltrans <i>Evaluation of Cost-Effective Alternative Designs for Rural Expressway Intersections</i></p>	<p>MODERATOR: Ray Davis RED3 Consulting</p> <p>PRESENTERS: Dennis Mitchell DKS Associates <i>Oregon DOT Broadband Initiative</i></p> <p>John Dorado Advantec <i>Leverage Your Communication Network</i></p> <p>Abby Morgan Kittelson & Assoc. <i>San Joaquin Fiber Readiness Plan</i></p> <p>David Zelenok HR Green <i>The Future Isn't What It Used To Be: Positioning Your Community for an Unimaginable Future with Emerging Technologies</i></p>	<p>MODERATOR: Beverly Kuhn ITE</p> <p>Presented by ITE International</p> <p><i>Meet ITE's Leadership, ask questions and share suggestions on how to make ITE better</i></p>	Student Traffic Bowl Pre-Qual
3	3A: Doing Infrastructure	3B: Safer Signal Operation	3C: Moving People Without Motors		Student/YP
1:00 pm - 2:30 pm	<p>MODERATOR: Jonathan Hofert Michael Baker</p> <p>PRESENTERS: June Duan HDR <i>Traffic Operations Analysis Methodology on a Large, Complex Corridor Improvement Project</i></p> <p>Josh Anderson David Evans <i>Planning for Transportation Infrastructure to Accommodate Urban Growth Boundary Expansions</i></p> <p>Jacob Swim Michael Baker <i>SR-67 (Main Street) Intersection Control Evaluation Report</i></p> <p>Jonathan Howard Caltrans <i>Lessons Learned Designing California's First Turbo Roundabout</i></p>	<p>MODERATOR: Ed Alegre LA Metro</p> <p>PRESENTERS: Jeanne Bowie Kinney Eng. <i>Safety Project Case Study: Conversion to Protected Phasing & Dual Left-turn Lanes</i></p> <p>Donald Wang Western Systems <i>Improving Safety and Mobility with Roadside Units (RSUs)</i></p> <p>Scott Bradley Sentinel <i>Active Monitoring of Traffic Signals: How Smarter Signals Make Intersections Safer, Greener, and More Equitable</i></p>	<p>MODERATOR: Phuong Nguyen CRA Mobility</p> <p>PRESENTERS: Mehul Champaneri Kimley-Horn <i>Using Big Data to Improve Bicycle and Pedestrian Forecasts</i></p> <p>Jaime Rodriguez Traffic Patterns <i>Virtual Detection of Pedestrians at Traffic Signals</i></p> <p>Jeanne Acutanza WSP <i>Applying Multi-Modal Level of Service Measures to Campus Planning</i></p>		Student/Faculty Leadership Forum
4	4A: Trajectories and Emergencies	4B: Crushing Crashes	4C: Student Poster Session		Student/YP
3:30 pm - 5:00 pm	<p>MODERATOR: Jason Pack Fehr and Peers</p> <p>PRESENTERS: Lauren Davini San Rafael PW <i>ATSPM and Emergency Vehicle Preemption in San Rafael</i></p> <p>Zong Tian Univ. of Nevada, Reno <i>Trajectory-based Arterial Signal Performance Measures</i></p> <p>Dustin Harber LYT <i>Reducing Emergency Response Times Through Cloud-Based Emergency Vehicle Pre-Emption</i></p> <p>Gary Carlin INRIX <i>Trajectory-Based Signal Performance Measures</i></p>	<p>MODERATOR: John Lower MicroTraffic</p> <p>PRESENTERS: Dian Mao David Evans & Assoc. <i>Improving Grade Crossing Safety</i></p> <p>Cory Peterson TJKM <i>Challenges of Local Road Safety Plans</i></p> <p>KC Yellapu LLG Engineers <i>Equity in Location Prioritization for LRSPs</i></p> <p>Perry Gross Atkins <i>Is Equity Mobility's Holy Grail? Focusing on Equity Produces Better Outcomes</i></p>	<p>PRESENTERS: Sailsh Acharya: <i>Can connected vehicles be a source of data for traffic operation and planning? Findings based on public perception</i></p> <p>Matthew Boog: <i>Comparison Between Synchro, TruTraffic, and TranSync for Arterial Signal Timing Coordination and How to Design Living Streets that are Future-proof and Strengthen Communities</i></p> <p>Mutasem Alzoubaidi: <i>Safety Assessment of Continuous Flow Intersections in A Connected Vehicle Environment: A Microsimulation Modeling Approach</i></p> <p>Jianyuan Xu: <i>Minimizing Negative Impacts Caused by Emergency Vehicle Preemption on Arterial Signal Coordination</i></p>		Career Guidance Track

DAILY SESSIONS AND DESCRIPTIONS



TUESDAY, JUNE 28, 2022

TRACK	A	B	C	D	E
5	5A: Implementing Complete Streets	5B: Transportation Planning Innovations	5C: Connected Vehicles/ Performance Metrics	5D: Caltrans Signal Preemption at Railroad Crossings	Student/ YP
8:00 am - 9:30 am	<p>MODERATOR: Kathy Kleinschmidt GHD</p> <p>PRESENTERS: Marshall Elizer Wash. St. DOT <i>Creating a Multimodal Culture in a State DOT</i></p> <p>Nathan Mustafa Riverside, CA <i>Riverside PACT: Holistic Active Transportation Planning</i></p> <p>Dr. Rhonda Young Gonzaga <i>Perceptions of Bicycle Stop Laws at Stop-Controlled Intersections</i></p> <p>Dr. Anurag Pande Cal Poly <i>Expanding Mobility Options for All: Optimizing and Extending the Biking Infrastructure to Generate Complete Streets in Atlanta</i></p>	<p>MODERATOR: Kayla Fleskes DKS Associates</p> <p>PRESENTERS: Sai Sirandas Fehr & Peers <i>SBA in the Bay: Lessons Learned from Dynamic Traffic Assignment Modeling Efforts</i></p> <p>David Tokarski DKS Associates <i>Setting VMT Policy in Rural Areas</i></p> <p>Josh Anderson David Evans <i>Resurrecting the Reconnaissance Study: Linking Planning and Roadway Design at the Conceptual Level</i></p> <p>Mark Spencer W-Trans <i>Transportation Master Planning: Where Policy, Funding, and Public Engagement Intersect</i></p>	<p>MODERATOR: Dongmei Lin DKS Assoc.</p> <p>PRESENTERS: Anup Kulkarni OCTA <i>Countywide Corridor Performance Methodologies</i></p> <p>Alan Clelland DKS Associates <i>In-the-Cloud Thinking and Connected Vehicles</i></p> <p>Leo Lee Advantec <i>"My Car Almost Killed me!" Can We Trust Autonomous Vehicles?</i></p>	<p>MODERATOR: Peggy Ygbuhay Union Pacific Railroad</p> <p>PRESENTERS: Karen Hankinson RailPros <i>Railroad Preemption and How it Works</i></p> <p>Michael Robinson Caltrans <i>Traffic Signal Implementation at Interconnected Crossings</i></p> <p>Mohammad Iraki Caltrans <i>Standards update, signal interconnect, and checklist for interconnected crossing projects</i></p>	Career Guidance Track
6	6A: VMT Innovations Panel Discussion	6B: Pandemic Response War Stories	6C: Innovations: New and Decorated	6D: Caltrans Active Transportation & Micro-Mobility	Student/ YP
10:00 am - 11:30 am	<p>MODERATOR: Mark Spencer W-Trans</p> <p>PRESENTERS: Ricky Choi SGVCOG <i>Examining and Integrating a Regional VMT Mitigation Fee Concept in Future Transportation Land-Use Planning</i></p> <p>Jason Pack Fehr & Peers <i>Banks, Exchanges, and Fees: Oh My! Mitigating VMT Impacts Through Programs</i></p> <p>Tim Erney Kittelson & Associates <i>VMT Mitigation Strategy Toolkit</i></p> <p>Chris Gregerson Kimley-Horn <i>Micro-VMT Banking</i></p>	<p>MODERATOR: Dalene Whitlock W-Trans</p> <p>PRESENTERS: Tony Henderson SFMTA <i>Standing Up High-Volume Vaccination Sites</i></p> <p>Jose Guedes Advantec <i>Performance of a Citywide Adaptive System During the COVID Pandemic</i></p> <p>Frederik Venter Kimley-Horn <i>The Traffic Engineers COVID</i></p> <p>Tony Henderson SFMTA <i>Transportation Engineer Pivots to Emergency Response: Managing a Multimodal Transportation Agency's COVID Response</i></p>	<p>MODERATOR: Viggen Davidian Iteris</p> <p>PRESENTERS: Noely Serrato Sta. Clarita <i>Exclusive Pedestrian Crossing Cycle by Time of Day</i></p> <p>Ali Shahzad KOA Corporation <i>Escondido Creek Bikeway Missing Link: Concept to Completion</i></p> <p>Jonathan Upchurch <i>Every County in the Western and Mountain Districts: Innovations that Work</i></p>	<p>MODERATOR: Andreas Krause HQ Traffic Ops</p> <p>PRESENTERS: Carles Meyer FHWA <i>FHWA Active Transportation and Operations</i></p> <p>Janki Patel HQ Planning <i>Caltrans Active Transportation Plans</i></p> <p>Andreas Krause HQ Traffic Ops <i>Caltrans Vision for Creating a Statewide Bicycle and Pedestrian Census Program</i></p> <p>Krista Nordback UNC Chapel Hill <i>Approaches and Lessons Learned from Established Active Transportation Census Programs Outside California</i></p>	Career Guidance Track
7	7A: Innovations in Vehicle Miles Traveled (Cont.)	7B: Transit Innovations	7C: Safety Through Speed Reduction	7D: Caltrans Planning for Corridor Management—Urban and Rural	Student/ YP
1:30 pm - 3:00 pm	<p>MODERATOR: Cameron Shew Sacramento Cnty.</p> <p>PRESENTERS: Ron Milam Fehr & Peers <i>Balancing Congestion Relief and Induced VMT</i></p> <p>Mike Schmitt Kimley-Horn <i>The Supply Chain and SB 743</i></p> <p>Ravi Narayanan Mott MacDonald <i>Vehicle Miles Traveled Modeling with Use of Big Data</i></p> <p>Rohit Itadkar HDR <i>Traffic Studies in California After SB 743: From LOS to VMT</i></p>	<p>MODERATOR: Tony Henderson SFMTA</p> <p>PRESENTERS: Joe Kirkland HDR <i>Sharing Isn't Always a Sacrifice: Implementing BRT While Saving Operations</i></p> <p>Adrian Pearmine DKS Associates <i>TriMet's Next-Generation Transit Signal Priority Implementation</i></p> <p>Viggen Davidian Iteris <i>Forward to the Transit Past in the San Fernando Valley</i></p>	<p>MODERATOR: Neelam Dorman HDR</p> <p>PRESENTERS: Laura Prusakiewicz Oregon DOT <i>Changes to Speed Zoning in Oregon</i></p> <p>Deanna Brewer Wash. DOT <i>Washington's Speed Zoning</i></p> <p>Zoubir Ouadah San Diego County <i>CA MUTCD and Setting Speed Limits Per AB43</i></p> <p>Fred Minagar Minagar & Assoc. <i>Implication of AB43 Traffic Safety</i></p>	<p>MODERATOR: Nick Compin HQ Traffic Ops</p> <p>PRESENTERS: John Castro HQ Traffic Ops <i>TMS Elements—An SHMP Primary Asset</i></p> <p>Roy Abboud D12 Traffic Ops <i>Corridor Planning/Planning for Operations</i></p> <p>Lima Saft San Diego County <i>Roy Abboud HQ Planning Evaluating Corridor TMS Needs Using Performance Measures: Caltrans D11 Case Studies</i></p>	Student Traffic Bowl

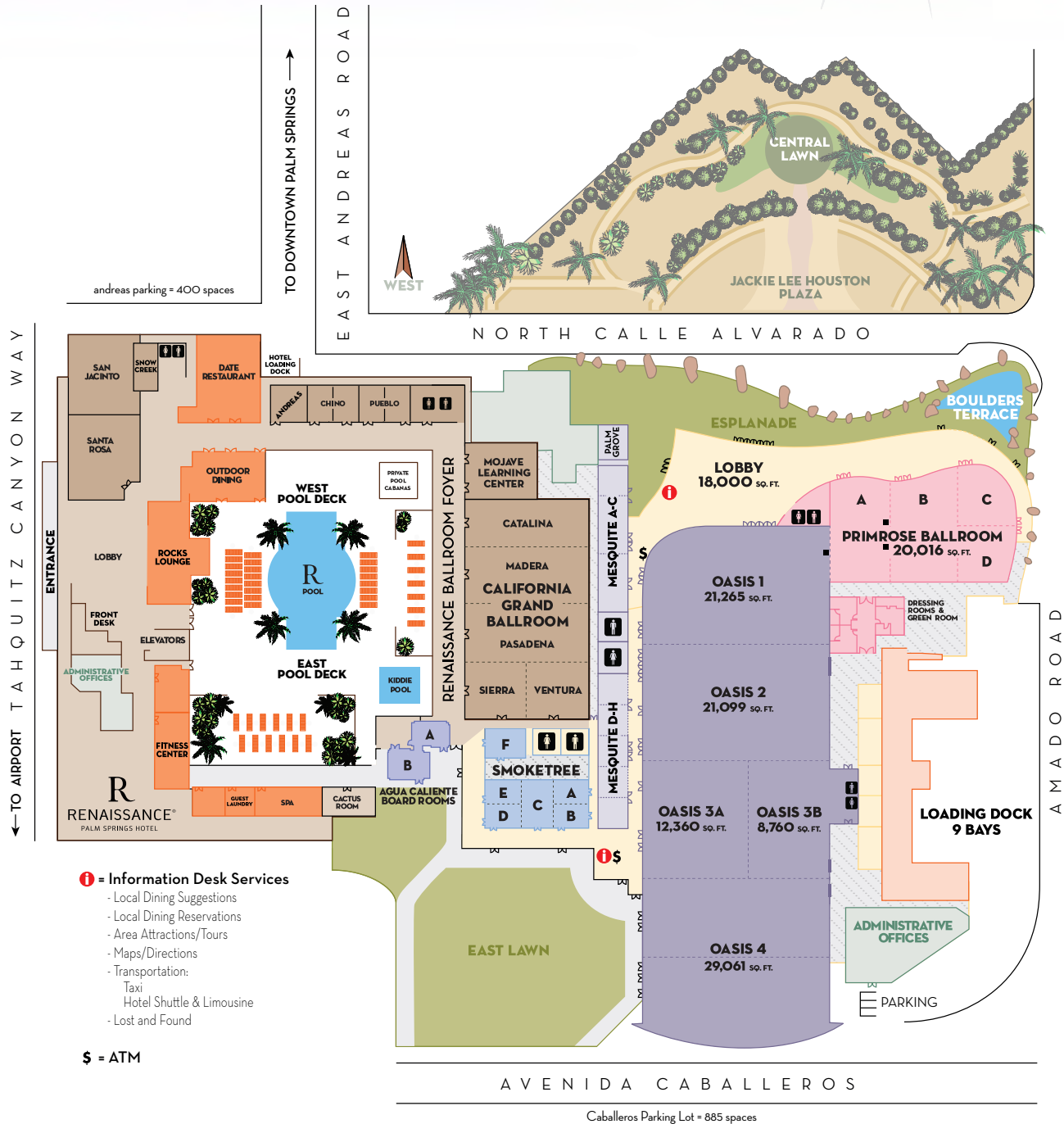


DAILY SESSIONS AND DESCRIPTIONS

WEDNESDAY, JUNE 29, 2022

TRACK	A	B	C	D
8	8A: Smart Mobility for a Vision Zero Future, Featuring Econolite	8B: HDR Project Showcase	8C: Advantec Project Panel	8D: Caltrans Managed Lanes and TSMO Strategies
8:00 am - 9:30 am	<p>MODERATOR: Mike McIntee Econolite</p> <p>PRESENTERS: Dan Nall Econolite <i>Sensor Technologies Bridging the Vision Zero Gap for Smart City Traffic Management Strategies</i></p> <p>Marc Porter Econolite <i>Leveraging High-Resolution Data and Cloud-Based Arterial Performance for the Smart Mobility Future</i></p> <p>Dustin DeVoe Econolite <i>Porting Next-Generation Software to Make ATC's Connected-Vehicle Ready</i></p> <p>Mike McIntee Econolite <i>Signal Priority Requirements for the Smart City Future</i></p>	<p>MODERATOR: Sal Melocoton SBCTA</p> <p>PRESENTERS: Kent Ko HDR <i>I-215/University: Development of the First Diverging Diamond Interchange in Caltrans District 8</i></p> <p>Saly Heng LAWLA <i>LAX Status Update: Where We Are & Where We're Headed</i></p> <p>Rajeev Seetharam POLB <i>Traffic Operations and Goods Movement Elements of the POLB Pier B On Dock Rail Support Facility</i></p> <p>Doug Smith HDR <i>Development of the Laguna Canyon Road Complete Street in the City of Laguna Beach</i></p>	<p>Building The New Age of Information with Smart Mobility Solutions and Broadband in the Coachella Valley</p> <p>MODERATOR: Randy Iwasaki Amazon Web Svcs</p> <p>PANELISTS: Carlos Ortiz Advantec Eric Cowle Coachella Valley Association of Governments Justin Schlaefli TKE Dave Heermance Crosstown Electric & Data</p>	<p>MODERATOR: Nick Compin HQ Traffic Ops</p> <p>PANELISTS: Joe Rouse HQ Traffic Ops Peng Hao UC Riverside <i>Analysis of Alternative HOV Operational Strategies</i></p> <p>Monica Benevides District 12 Planning <i>Managed Lane Planning in Orange County</i></p>
9	9A: What's New in the West	9B: Using Technology for Safety	9C: Mobility and Signals	9D: Caltrans
10:00 am - 11:30 am	<p>MODERATOR: Mark Spencer W-Trans</p> <p>PRESENTERS: Erik Ruehr VRPA Technologies <i>Highway Capacity Manual Update: The New 7th Edition</i></p> <p>Fernando Sotelo Kittelson <i>Technology and the Evolving Parking Landscape</i></p> <p>Kevin Johns HDR <i>Using Big Data to Manage Work Zones</i></p> <p>Dr. Rhonda Young Gonzaga Univ. <i>Performance Evaluation of the Wyoming Connected Vehicle Pilot Deployment Project</i></p>	<p>MODERATOR: Joshua McNeill Iteris</p> <p>PRESENTERS: Robert Lim SFMTA <i>New Methods for Data Analysis to Pilot Signal Timing Adjustments to Improve Safety</i></p> <p>Alex Garbier Kittelson & Assoc. <i>Putting Safety First with Web-Based Screening</i></p> <p>Veronica Sullivan DKS Assoc. <i>Safer Streets Using Tableau</i></p> <p>Balraj More INRIX <i>Using INRIX Safety Analysis: A Case Study in Riverside</i></p>	<p>MODERATOR: Rock Miller Rock E. Miller & Assoc.</p> <p>PRESENTERS: Kezia Suwandhaputra Oregon St <i>Evaluation of an RFID Bike Commuting Incentive Program on a University Campus</i></p> <p>Shaz Umer USC/Helbiz <i>Shared Mobility Services</i></p> <p>Justin Effinger NoTraffic <i>Maximizing Side Street Equity Using Artificial Intelligence</i></p> <p>Peter Yu Univ. of Washington <i>Development of a Triplet of Enhanced Yellow Change Interval Kinematic Formulas for Vehicular Turn Phases at Signalized Intersections (Western District Student Best Paper Award Winner)</i></p>	<p>MODERATOR: Nick Compin HQ Traffic Ops</p> <p>PANELISTS: Victor Lin HQ Traffic Ops <i>SHSMP Mobility Hub Asset Creation</i></p> <p>Jake Freedman District 4 Planning <i>District 4 Mobility Hub Plan</i></p> <p>Jennifer Williamson SANDAG San Diego <i>Mobility Hub Development Plans</i></p> <p>Marlo Tinney Caltrans HQ Traffic Ops <i>VMT Mitigation Opportunities</i></p>

HOTEL AND CONVENTION CENTER



i = Information Desk Services

- Local Dining Suggestions
- Local Dining Reservations
- Area Attractions/Tours
- Maps/Directions
- Transportation:
 - Taxi
 - Hotel Shuttle & Limousine
 - Lost and Found

\$ = ATM



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