



2021 ITE Annual Meeting – Virtual Technical Program

(all times EDT)

Tuesday, July 20

11:00 a.m.—12:30 p.m. Opening Session

12:40 —1:25 p.m. Poster Presentations

Speakers:

- *“Identifying Safety-Critical Road Segments and Potential Countermeasures: A Geospatial Approach Using Horizontal Curve Data”*, **Alyssa Ryan**, Ph.D. Candidate, University of Massachusetts Amherst, Amherst, Massachusetts
- *“Scraping News Data to Understand Contextual Factors in Pedestrian Crashes using Natural Language Processing”*, **Leon Villavicencio**, Analyst, AAA Foundation For Traffic Safety, Washington, DC, District of Columbia and **Brian Tefft**, Senior Researcher, AAA Foundation for Traffic Safety, Washington, District of Columbia
- *“Fiber Optic Network Asset Management”*, **Tony Hurd**, P.E., Senior Transportation Engineer, CONSOR Engineers, Denver, Colorado
- *“Open Science/Open Data: The Time is Now”*, **Ronald Boenau**, P.E., International Transport Research Advisor, Greensboro, North Carolina and **Elizabeth Gadsby**, Ph.D, Innovation Strategist, eGad Innovation, Atlanta, Georgia
- *“Multi-Way Stop Applications: A Data-Driven Evaluation in Austin, TX”*, **Eric Bollich**, P.E., PTOE, Managing Engineer, City of Austin Transportation Department, Austin, Texas
- *“MBTA Green Line Light Rail Transit Signal Priority - Implementation & Evaluation”*, **Sudhir Murthy**, P.E., PTOE, President, TrafInfo Communications, Inc., Woburn, Massachusetts and **Deanna Peabody**, P.E., Transportation Engineer, TrafInfo Communications, Inc., Woburn, Massachusetts
- *“Using Big Data in Transportation Operations and Planning”*, **David Metcalf**, P.E., PTOE, Senior Project Manager, Volkert, Inc., Centreville, Virginia
- *“A Traffic Speed Impact Study in Midtown Manhattan After the Implementation of an Adaptive Traffic Control System”*, **Diego Correa**, Ph.D, Assistant Professor at the Catholic University of Cuenca, Cuenca, Ecuador

1:30 —3:00 p.m. Technical Sessions

Walking and Biking: User Insights and the Toolkits You Need to Know About

Speakers:

- **Laura Crawford**, Bicycle Tourism Advisor and Co-Founder, The Path Less Pedaled, Missoula, MT
- **John MacArthur**, Sustainable Transportation Program Manager, Transportation Research and Education Center, Portland State University, Portland, OR
- **Amar Mohite**, Director of Planning and Infrastructure, Office of Harris County Commissioner Rodney Ellis, Houston, TX

ITE Town Hall Meeting

Rural Transportation System Management and Operations Planning in Western States

Speakers:

- **Justin Belk**, P.E., Integrated Corridor Operations Engineer, Washington State Department of Transportation, Olympia, Washington
- **David Hirsch**, P.E., PTOE, Region 4 Traffic Operations Engineer, Oregon Department of Transportation, Bend, Oregon
- **Stacy Shetler**, P.E., County Engineer, Washington County (OR), Hillsboro, Oregon
- **Jeff Miles**, P.E., Transportation Engineer IV, Texas Department of Transportation, Bryan, Texas
- **Dennis Mitchell**, P.E., Regional Director of Transportation Technology, DKS Associates, Portland, Oregon

3:10 —3:55 p.m. Poster Presentations

Speakers:

- *“Strategic Truck Parking Investment Decision Making: A hybrid Agent-Based Simulation and Optimization Approach for Statewide Truck Parking Capacity Expansions”*, **Sarah, Hernandez**, Ph.D, P.E., Assistant Professor, University of Arkansas, Fayetteville, Arkansas
- *“Multimodal Real-Time Transportation Common Operational Picture”*, **Rick Ayers**, Public Sector Advocate, Center For Advanced Transportation Technology Laboratory, College Park, Maryland and, **Michael Pack**, Director, CATT LAB, College Park, Maryland
- *“Cloud Based Transportation and Infrastructure Planning Tools”*, **Chuck Green**, P.E., Senior Project Manager, Otak, Inc., Ridgefield, Washington
- *“Lessons Learned from Bringing Together Countywide Modeling with Transportation Impact Analysis Tools at Santa Clara Valley Transportation Authority (SCVTA)”*, **Bill Cisco**, P.E., Manager - Urban Planning Traffic Engineering, PTV Group, Sherwood, Oregon and

Eugene Maeda, Senior Transportation Planner, Santa Clara Valley Transportation Authority, San Jose, California

- *“A Data-Driven Approach to Traffic Signal Management”*, **Julie Kentosh**, P.E., PTOE, City of Portland, Portland, Oregon
- *“Reliably Bad, or Unreliably Good? Future Travel Time Reliability for Managed Lanes in Sacramento”*, **Aaron Berger**, P.E., Senior Transportation Engineer, DKS Associates, Scappoose, Oregon
- *“Roundabouts versus Signals - How do we REALLY Decide?”*, **Joseph Perrin**, Ph.D, P.E., PTOE, Principal, A-Trans Engineering, Salt Lake City, Utah
- *“Highlights from the Automated Vehicle Symposium”*, **Katherine Kortum**, Ph.D, P.E., Senior Program Officer, Transportation Research Board, Washington, District of Columbia

4:00 —5:30 p.m. Technical Sessions

Perspectives on Safety and Operational Results for Roundabouts

Speakers:

- *“Cheaper by the Dozen: Twelve Roundabouts Plus Five Miles of New Freeway Improves a Critical Evacuation Route”*, **Alex Wiseman**, P.E., Traffic Engineer, STV, Inc., Charlotte, North Carolina
- *“Too Many Crashes at Your Multi-lane Roundabout? Learn Design Principles and Techniques to Optimize Safety”*, **Mark Johnson**, P.E., Principal Engineer, MTJ Roundabout Engineering, Madison, Wisconsin
- *“Delivering Big Results with Smaller Roundabouts”*, **Mark McCulloch**, P.E., Senior Project Manager, Washtenaw County Road Commission, Ann Arbor, Michigan
- *“Going in Circles: The Challenges of Calibrating a Vissim Multi-lane Roundabout Corridor”*, **Amanda Deering**, P.E., Transportation Engineer, DKS Associates, Portland, Oregon

How to Get Thru – Transportation Plans and Performance for Construction and Events

Speakers:

- *“The SoFi Stadium Transportation Plan and Its Unique Challenges”*, **Tyler Krage**, P.E., PTOE, Professional Traffic Engineer, Alliant Engineering, Minneapolis, Minnesota and **Vanessa Munoz**, P.E., PTOE, Director of Engineering, Wildan Engineering, Industry, California
- *“Real-Time Traffic & Performance Management for Large Construction Projects”*, **Mark Masongsong**, CEO & Co-Founder, UrbanLogiq, Vancouver, British Columbia
- *“Work Zone Streets & Sidewalks Closure Policies: Equitable and Safe Use of the Public Right-of-Way”*, **Shane Binder**, P.E., PTOE, RSP1, Transport Engineer, Waimakariri District

Council, New Zealand and **Michael Koslow**, P.E., Senior Engineer, City & County of Denver, Colorado

- *“A Dynamic Evacuation Analysis Tool to Handle Extreme Conditions in the City Planning Process”*, **Jinghua Xu**, Ph.D, P.E., Senior Associate, Fehr & Peers, Irvine, California

Vision Zero Sandbox Competition Judging

Wednesday, July 21

11:00 a.m.—12:30 p.m. Technical Sessions

National Operations Center of Excellence (NOCoe) Transportation Technology Tournament Judging

Systemic Safety Improvements in Local Jurisdictions

Speakers:

- *“Performance-Based Analysis for Safety Plan and HSIP Project Prioritization”*, **Dhruva Lahon**, P.E., PTOE, Senior Project Manager, Kimley-Horn and Associates, Dallas, Texas
- *“Systemic Safety Improvement Program in Clark County, WA”*, **Courtney Furman**, P.E., Traffic Engineer, Clark County, Washington and **Ejaz Khan**, Traffic Engineer, Clark County, Washington
- *“Vision Zero by 2032: Edmonton’s Safe Mobility Strategy”*, **Tyler Golly**, P.Eng, Western Canada Market Lead, Toole Design Group, Edmonton, Alberta, and **Jessica Lamarre**, Director, Safe Mobility, City of Edmonton, Alberta
- *“Regional Leadership in Safety: Applying the Safe System Approach on a Countywide Scale”*, **Marissa Milam**, Transportation Engineer/Planner, Fehr & Peers, Seattle, Washington
- *“Effect of Street Trees on Urban Street Safety.”*, **Nicholas Mesler**, EIT, Transportation Analyst, Lancaster Mobley, Portland, Oregon

Signs and Markings - Innovations That Work

Speakers:

- *“Practical Transportation Solutions to Save Lives”*, **Brian Chandler**, P.E., PTOE, RSP2IB, PMP, National Director for Transportation Safety, DKS Associates, Seattle, Washington
- *“Effectiveness of Pedestrian/School Crossing Signs with Embedded LEDs”*, **Kay Fitzpatrick**, Ph.D, P.E., PMP, Senior Research Engineer / Program Manager / Regents Fellow, Texas A&M Transportation Institute, College Station, Texas
- *“Variable Speed Limit System (VSLS)”*, **Cory Edgar**, P.Eng, PTOE, P.E., Managing Director, PBX Engineering Ltd., Victoria, British Columbia
- *“Safety Effects of a Variable Speed Limit System During Fog Events”*, **Michael Fontaine**, P.E., Ph.D, Associate Director, Virginia Department. Of Transportation, Charlottesville, Virginia

12:40 —1:25 p.m. Poster Presentations

Speakers:

- *“Lessons Learned from UDOT’s Automated Vehicle Pilot Project”*, **Lisa Miller**, Traveler Info Manager, Utah Department of Transportation, Salt Lake City, Utah

- *“Non-drivers and Drivers: Differences in Perception and Acceptance Towards Automated Vehicles”*, **Woon Kim**, Ph.D, Senior Analyst, AAA Foundation for Traffic Safety, Washington, District of Columbia and **Tara Kelley-Baker**, Ph.D, Data and Information Group Leader, AAA Foundation for Traffic Safety, Washington, District of Columbia
- *“Infrastructure Enablers for Automated Vehicles and Shared Mobility”*, **Greg Rodriguez**, Mobility Policy Principal, Stantec, Arlington, Virginia and **Pamela Bailey-Campbell**, Principal, Stantec, Denver, Colorado and **Jason Bittner**, PMP, Principal, Applied Research Associates, Madison Wisconsin
- *“Traffic Signal Optimization with Cooperative Driving Automation (CDA)”*, **Sujith Racha**, P.E., PTOE, ITS Manager, Leidos, Reston, Virginia and **Amir Ghiasi**, Ph.D, Senior Transportation Research Analyst, Leidos, Reston, Virginia
- *“FHWA’s Connected and Automated Vehicle Analysis, Modeling, and Simulation Research Program”*, **Rachel James**, Ph.D, Research Civil Engineer, Federal Highway Administration, McLean, Virginia
- *“Simplified Method for Estimating Potential Energy Savings from Connected Eco-Driving Application along Signalized Corridors”*, **Zhensong Wei**, Ph.D Candidate, UC Riverside, Riverside, California
- *“Multimodal Intelligent Traffic Signal System - Deployment for Portland Streetcars”*, **Niraj Altekar**, Research Assistant, The University of Arizona, Tucson, Arizona and **Shruti Nuchhi**, Research Assistant, Portland State University, Portland, Oregon
- *“The Effect of Modality Style and Attitudes on the Adoption of Autonomous Vehicles”*, **Alireza Rahimi**, Graduate Research Assistant, Florida International University, Miami, Florida and **Xia Jin**, Ph.D, AICP, Associate Professor, Florida International University, Miami, Florida

1:30 —3:00 p.m. Technical Sessions

Emerging Practices and Technology for Railroad Grade Crossings

Speakers:

- *“Missouri’s Innovative Roundabout with Railroad Preemption”*, **David Mennenga**, P.E., PTOE, Associate / Project Manager, George Butler Associates, Inc., Lenexa, Kansas
- **Esther Strawder**, Transportation Specialist, Federal Highway Administration, Washington, DC
- **Francesco Bedini Jacobini**, Program Manager, Highway-Rail Grade Crossing and Trespass Prevention Research Program, Federal Railroad Administration, Washington, DC and **Marco DaSilva**, General Engineer / Projects Manager, Volpe National Transportation Systems Center, Cambridge, MA
- *“ITE Recommended Practice on Preemption of Traffic Signals Near Railroad Grade Crossings”*, **Tom Lancaster**, Founding Principal, Lancaster Mobley, Portland, OR

Building Effective Pedestrian and Bicycle Networks

Speakers:

- *“Want to implement your bike plan? Community Networks Program: A Holistic Approach to Connecting Denver's Communities through Rapid Implementation”*, **Benjamin Waldman**, Senior Transportation Engineer, Apex Design Group, Denver, Colorado and **Josh Melhem**, Senior Transportation Planner, Apex Design Group, Denver, Colorado
- *“Vehicle Right Turn and Cyclist Conflicts - Impacts of Intersection Design, Signalization and Bike Facility Type”*, **Amanda Pushka**, P.Eng, M.Sc., RSP1, Road Safety Engineer, MicroTraffic Inc., Winnipeg, Manitoba and **Liliana Quintero**, P.Eng, M.Sc., Senior Transportation Engineer, City of Vancouver, British Columbia
- *“Let's Take a Ride on the Flanders Bikeway”*, **Andrew Sullivan**, P.E., PTOE, Traffic Engineer, City of Portland Bureau of Transportation, Portland, Oregon
- *“How To Collect and Distribute High-fidelity Ped Pathway Data in Decentralized, Standardized, Crowd-Sourced Format”*, **Matthew Weidner**, Transit Planner IV, King County, Seattle, Washington and **Eric Peterson**, Senior GIS Analyst, MV Transportation, Seattle, Washington
- *“Oregon DOT's Systemic Pedestrian and Bicycle Safety Plan”*, **Nick Foster**, AICP, RSP1, Associate Planner, Kittelson & Associates, Inc., Boise, Idaho and **Christina McDaniel-Wilson**, P.E., RSP1, State Traffic Safety Engineer, Oregon Department of Transportation, Salem, Oregon

Rural ITS Town Hall Meeting

3:10 —3:55 p.m. Poster Presentations

Speakers:

- *“Intersect: VHB's Innovative Platform for Developing Traffic Volumes”*, **Amir Rizavi**, P.E., ENV SP, Director of Transportation Systems, VHB, New York, New York and **Steven Anderson**, Vice President of Technology Services, VHB, Wethersfield, Connecticut
- *“Impacts of COVID-19 on Contra Costa Transportation System”*, **Joy Bhattacharya**, P.E., PTOE, Vice President, Advanced Mobility Group (AMG), Walnut Creek, California and **John Hoang**, Director, Planning, Contra Costa Transportation Authority, Walnut Creek, California
- *“From Slow Streets to Highways, Measuring Ever-Changing Traffic in the San Francisco Bay Area”*, **Matthew Pettit**, Solution Engineer, StreetLight Data, Portland, Oregon and **Toshi Ohta**, Principal Engineer – New Mobility, Metropolitan Transportation Commission, San Francisco, California
- *“A New Data Collection Paradigm for a Post-Pandemic Transportation Future”*, **Ian Barnes**, P.E., Senior Associate, Fehr & Peers, Walnut Creek, California

- *“How the COVID Experience forever changed how we travel”*, **Ted Trepanier**, P.E., Senior Director - Public Sector Services, INRIX, Kirkland, Washington
- *“Turning a Pandemic Into a Telework Transformation”*, **Stan Suchan**, Public Transportation, Washington State Department of Transportation, Olympia, Washington
- *“How Hi-Res Data is Transforming the Way Signal Systems are Monitored and Analyzed”*, **Mike Kenney**, Senior Traffic Engineer, McCain, Inc., San Diego, California
- *“Freight Rail Industrial Opportunities Corridor Program”*, **Tom Visee**, AICP, MPM, Freight Planner, HDR, New York, New York and **Anne Strauss-Wieder**, Director, Freight Planning, North Jersey Transportation Planning Authority, Newark, New Jersey

4:00 —5:30 p.m. Workshops

- **Our Changing Mobility Landscape: What It Means for Our Profession**
- **Walk the Mile: An Interactive Workshop in Transportation Equity**
- **Next Generation Traffic Incident Management – Safety and Mobility Benefits for All**

Thursday, July 22

11:00 a.m.—12:30 p.m. Technical Sessions

COVID-19 Transportation Impacts and Innovations - Part 1

Speakers:

- *“Accounting for the Future of Working From Home in Post-COVID Traffic Forecasts”*, **Jeff Smithline**, P.E., PTOE, Senior Vice President & National Director, Traffic Engineering, Sam Schwartz Consulting, New York, New York
- *“COVID-19 Impacts on Local Transportation Agency Operations: A National Review with Illustrative Examples from Louisiana Agencies”*, **Christopher Melson**, Program Manager, Louisiana Transportation Research Center, Baton Rouge, Louisiana
- *“Passengers to Pantry: How a Pandemic Changed the Mission for Smart Columbus”*, **Jeffrey Kupko**, P.E., PTOE, Assistant Program Manager, Michael Baker International, Inc., Columbus, Ohio
- *“Resilient Streets: A Near-Term Pandemic Travel Solution + Long-Term Walk/Bike Network”*, **Michael Flynn**, National Director – Transportation Planning, Sam Schwartz Consulting, New York, New York and **Debs Schrimmer**, Senior Manager, Future of Cities, Lyft, San Francisco, California
- *“Al-Fresco America: The Future of Placemaking?”*, **James Huang**, University of Southern California ITE Chapter, Los Angeles, California

Baking TSMO into All We Do in Transportation

Speakers:

- *“Mainstreaming TSMO: What Seems to Matter”*, **Tracy Scriba**, Team Lead, Planning and Organizing for Operations, Federal Highway Administration, Washington, DC
- *“How PennDOT’s Operations Analytics and Guidebooks are Powering Decisions Throughout the Project Lifecycle”*, **Doug Tomlinson**, P.E., Chief, Highway Safety and Traffic Operations Division, Pennsylvania Department of Transportation, Harrisburg, Pennsylvania
- *“Integrating ITS and other TSMO Assets into Seattle DOT’s Asset Management Program”*, **Chad Allen**, Transportation Asset Management, Seattle Department of Transportation, Seattle, Washington
- *“Freight and TSMO: Working Together for Better Goods Movement”*, **Denise Markow**, Director, TSMO Program, Eastern Transportation Coalition, Strafford, New Hampshire
- *“Building a TSMO Program”*, **Brent Cain**, Director, TSMO Division, Arizona Department of Transportation, Phoenix, Arizona

Tools for Advancing Vision Zero and the Safe System Approach

Speakers:

- *“Striving for Zero Fatalities using a Suite of Safety Analysis Tools in Utah”*, **Grant Schultz**, Ph.D, P.E., PTOE, Professor, Brigham Young University, Provo, Utah
- *“Proven Safety Countermeasures - The Federal Highway Administration's next round”*, **Michael Griffith**, RSP1, RSP2, Director, Office of Safety Technologies, Federal Highway Administration, Washington, District of Columbia
- *“Improving Pedestrian and Bicycle Safety at Intersections”*, **Krista Nordback**, Ph.D, P.E., Senior Research Associate, UNC Highway Safety Research Center, Boulder, Colorado and **Bill Schultheiss**, P.E., Vice President, Toole Design, Silver Spring, Maryland
- *“Safety Assessment of Leading Pedestrian Intervals on Vehicle-Pedestrian Interactions Using Video Analytics”*, **Darcy Akers**, P.E., Senior Transportation Engineer, City of Bellevue - Transportation Department, Bellevue, Washington and **Mark Bandy**, Regional Solutions Leader – Transportation Planning, Jacobs, Seattle, Washington

12:40 — 1:25 p.m. Poster Presentations

Speakers:

- *“Level of Service Estimation (LOS) from GOR”*, **Matthew Muresan**, Data Scientist, Miovision, Waterloo, Ontario
- *“Adaptive Ramp Metering – A Probabilistic Approach: Concept and Operations Under Development for City of Spokane Area, Washington DOT”*, **Himanshu Wad**, P.E., Traffic Engineer and Technical Sales Lead, Q-Free, Atlanta, Georgia
- *“Defining Context Classification - How Urban Is Your Community?”*, **Daniel Hardy**, P.E., PTP, Principal, Renaissance Planning Group, Arlington, Virginia and **Lois Bush**, Senior Policy Planning Analyst, Florida Department of Transportation, Fort Lauderdale, Florida
- *“Transforming Hennepin Avenue: Policy is Easy; Implementation is Hard”*, **Allan Klugman**, P.E., PTOE, Principal Professional Engineer, City of Minneapolis, Minneapolis, Minnesota and **Becca Hughes**, AICP, Senior Transportation Planner, City of Minneapolis, Minneapolis, Minnesota
- *“Accommodations to Improve Multimodal Travel within the “Lemoyne Bottleneck””*, **Tim Smith**, Senior Planning Consultant, Gannett Fleming Inc, Camp Hill, Pennsylvania and **Steve Deck**, AICP, Executive Director, Tri-County Regional Planning Commission, Harrisburg, Pennsylvania
- *“Studying the Effectiveness of Parking Stall Demand Reduction (PSDR) for Suburban Transit Oriented Development (TOD)”*, **Michael Shenoda**, P.E., Ph.D, LEED AP BD+C, PTOE, Assistant Professor, Farmingdale State College, Farmingdale, New York
- *“Growing TDM in Coquitlam”*, **Kathy Ho**, P.Eng, PTOE, City of Coquitlam, British Columbia
- *“Evaluating traffic signal detection systems for safety and efficiency”*, **Jay Grossman**, Ph.D, P.E., Assistant Professor, Valparaiso University, Valparaiso, Indiana

1:30 —3:00 p.m. Power Plenary Session

During this session, four panelists will briefly share their perspectives and engage in a facilitated dialogue about post COVID-19 society through a transportation lens, highlighting transportation and traffic trends and forecasts, considering the future of transit in a work-from-home world, discussing what can be done to reverse the alarming rise in traffic fatalities, and examining issues of transportation equity and respond to audience questions. The session will be moderated by ITE Vice President Beverly Kuhn and will include the following four panelists:

- **Steven E. Polzin**, Transportation Consultant
- **Freddie Fuller**, Vice President, Jacobs
- **Jeff Michael**, Distinguished Scholar, Johns Hopkins Bloomberg School of Public Health
- **Noreen McDonald**, Department Chair, City and Regional Planning, University of North Carolina

3:10 —3:55 p.m. Poster Presentations

Speakers:

- *“Attracting and Retaining Women in the Transportation Industry”*, **Jodi Godfrey**, Senior Research Associate, University Of South Florida/CUTR, Tampa, Florida
- *“PennDOT LTAP: Engaging and Training Local Road Crews”*, **Patrick Wright**, Traffic Engineer, PA LTAP Via Pennoni, Camp Hill, Pennsylvania
- *“Smart Cities Initiative: A threat to deepen, or an opportunity to address social exclusion”*, **Moses Tefe**, Ph.D, P.E., Associate Professor, Norwich University, Northfield, Vermont
- *“Combating sexual misconduct on public transit in the U.S.”*, **Koral Buch**, PhD Student, University of California, Davis, Davis, California
- *“Systematic Evaluation of Bicycle Rolling Stop Laws”*, **David Hurwitz**, Ph.D, FITE, Professor, Oregon State University, Corvallis, Oregon and **Jasmin Woodside**, P.E., Graduate Research Assistant, Oregon State University, Corvallis, Oregon
- *“A Rapid-Response, Data-Driven Approach to Temporary Bike and Pedestrian Infrastructure – Quantifying the Success of Montreal’s COVID-19 ‘Health Corridors’”*, **Olivia White**, MUP, Transportation Planner, Eco-Counter, Montreal, Quebec
- *“Nurturing the First Steps - Visual storytelling for walkable environments”*, **Ryan Martinson**, M.Eng, P.Eng, Toole Design Group, Calgary, Alberta
- *“A Railroad Runs Through It - Roundabout at Rail Crossing Case Study”*, **Mike Maurovich**, P.E., Project Development Director, American Structurepoint, Inc., Indianapolis, Indiana

4:00 —5:30 p.m. Technical Sessions

Complete Corridors

Speakers:

- *“Complete Corridors - I-270 North Design Build Project”*, **Shawn Leight**, P.E., PTOE, PTP, Vice President / COO, CBB Transportation Engineers + Planners, St. Louis, Missouri and **Jennifer Becker**, P.E., I-270 North Design Build Design Coordinator, Missouri Department of Transportation, St. Louis, Missouri and **Jacob Kaltenbronn**, Transportation Operations Analyst, CBB Transportation Engineers + Planners, St. Louis, Missouri
- *“Right-Sizing” S. Florida Avenue (SR 37) in Lakeland, FL: This is a Test – Only a Test!”*, **Angelo Rao**, P.E., Complete Streets Practice Leader, S&ME, Tampa, Florida
- *“Lessons Learned from Planning and Implementation of Lane Repurposing Projects”*, **Ravindra Wijesundera**, P.E., RSP1, Transportation Engineer, Kimley-Horn and Associates, Inc., Fort Lauderdale, Florida
- *“Transforming Main Street – A Case Study in West Linn, Oregon”*, **Lance Calvert**, P.E., Public Works Director / City Engineer, City of West Linn, Oregon

Critical Data Integration between PSAPs and TMCs

Speakers:

- **Eddie Reyes**, Director, Prince William County 9-1-1, Woodbridge, Virginia
- **Pat Noyes**, Principal, Pat Noyes & Associates, Boulder, Colorado
- **John McClellan**, Freeway Operations Supervisor, Minnesota Department of Transportation, St. Paul, Minnesota
- **Athena Hutchins**, P.E., F.ASCE, Executive Director, Niagara International Transportation Technology Coalition, Buffalo, New York

COVID-19 Transportation Impacts and Innovations - Part 2

Speakers:

- *“The Impacts of COVID-19 in the Transportation System of Puerto Rico in the Middle of Recovery of Hurricanes and Earthquakes Natural Disasters”*, **Benjamin Colucci-Rios**, Ph.D, P.E., PTOE, FITE, F.ASCE, Director, Puerto Rico Transportation Technology Transfer Center, University of Puerto Rico at Mayagüez, Mayaguez, Puerto Rico
- *“Public Transit and COVID-19: Global Research and Best Practices”*, **Daniel Schack**, AICP, Senior Associate, Sam Schwartz Consulting, New York, New York
- *“From COVID-19 Emergency Streets to Quick Builds: San Francisco's Tenderloin Program”*, **Kimberly Leung**, P.E., T.E., Transportation Engineer – Livable Streets Team Leader, San Francisco Municipal Transportation Agency, San Francisco, California

- *“Roadway Operating Conditions in the Time of COVID: Emptier, not Safer”*, **Terence Zhao**, Transportation Planner, Fehr & Peers, Oakland, California and **Becca Sial**, AICP, Solution Engineer, Streetlight Data, Richmond, VA
- *“Traffic Counts in times of COVID: A Tale of Two Cities”*, **Kristie Gladhill**, P.E., Project Delivery QA/QC Program Manager, Oregon Department of Transportation, Portland, Oregon and **Katie Brown**, Transportation Analyst/Modeler, Oregon Department of Transportation, Salem, Oregon

Tuesday, July 27

11:00 a.m.—12:30 p.m. Technical Sessions

Connected Vehicles: The Changing Landscape, Implementation, Lessons Learned, The Future

Speakers:

- **John Hibbard**, P.E., Director, Division of Permits and Operations, Georgia Department of Transportation, Atlanta, Georgia
- **Faisal Saleem**, ITS Branch Manager, Maricopa County Department of Transportation, Phoenix, Arizona
- **Taylor Lochrane**, CARMA Program Manager, Federal Highway Administration, McLean, Virginia
- **Steve Kuciamba**, National ITS and CAV Practice Lead, WSP, Baltimore, Maryland

What's New in Trip Generation?

Speakers:

- *“Trip Analytics”*, **Gregory Jordan**, Trip Analytics Project Manager, Center For Advanced Transportation Technology Laboratory, College Park, Maryland
- *“An Interactive GIS Tool for Evaluating the VMT Impact of Proposed Development”*, **Dock Rosenthal**, P.E., DKS Associates, Portland, Oregon and **Maggie Lin**, Ph.D, P.E., PTOE, Transportation Engineer, DKS Associates, Portland, Oregon
- *“Advanced Topics in Impact Assessment: Vehicle Miles Traveled, Limited Parking Supply, Mixed-Use Projects, and Post-COVID Pandemic Travel Behavior Considerations”*, **John Gard**, P.E., RSP, Principal, Fehr & Peers, Roseville, CA, California
- *“Introducing the ITE Trip Generation Manual – 11th Edition”*, **Kevin Hooper**, P.E., Principal, Kevin Hooper Associates, Falmouth, Maine

Considering Traffic Signals for All Users

Speakers:

- *“Examining the Use of Microsimulation Modeling to Assess Bicycle-Vehicle Conflicts at Intersections: A Case Study Incorporating Field-Observed Conflict Data”*, **Edward Smaglik**, Ph.D, P.E., Professor, Northern Arizona University, Flagstaff, Arizona and **Brendan Russo**, Assistant Professor, Northern Arizona University, Flagstaff, Arizona
- *“Safety Improvements for Blind Pedestrians at Signalized Intersections”*, **Gerard Soffian**, P.E., RSP1, Adjunct Professor, NYU Tandon School of Engineering, Brooklyn, New York
- *“Challenges in the Deployment of a Connected Vehicle Transit System to Improve Pedestrian Safety at Signalized Intersections”*, **Srinivasa Sunkari**, P.E., PMP, Research Engineer, Texas A&M Transportation Institute, Bryan, Texas

- *“Pedestrian traffic signal data: Models for estimating pedestrian volumes”*, **Patrick Singleton**, Ph.D, Assistant Professor, Utah State University, Logan, Utah and **Ferdousy Runa**, Graduate Teaching Assistant, Penn State University, State College, Pennsylvania

12:40 — 1:25 p.m. Poster Presentations

Speakers:

- *“Safe Routes to School in Austin Texas - How to Plan and Build with 40 Million Dollars”*, **Carly Haithcock**, P.E., Project Engineer, Toole Design, Austin, Texas and **Wendy Phelps**, AICP, Project Planner II, Toole Design, Silver Spring, Maryland
- *“Nimble Multimodal Project Implementation through IDIQ: Austin's Experience”*, **Neil Quarles**, EIT, Multimodal Street Designer, Austin Transportation Department, Austin, Texas
- *“The Importance of Static Obstructions in Sidewalk Data”*, **Nicholas Coppola**, PhD Candidate, University of Colorado, Lakewood, Colorado
- *“From Car-centric to Complete Street: The Evolution of Bellevue's 108th Avenue NE”*, **Chris Iverson**, P.E., Senior Transportation Engineer, City of Bellevue, Washington and **Franz Loewenherz**, Principal Transportation Planner, City of Bellevue, Washington
- *“Implementing Leading Pedestrian Intervals (LPIs) Equitably”*, **Oliver Smith**, Ph.D, City of Portland Office of Transportation, Portland, Oregon
- *“Practical Urbanism - Leveraging Private Interests for Complete Streets”*, **Clark Bailey**, P.E., PTOE, Transportation Professional, Kimley-Horn, Birmingham, Alabama
- *“The Not so Humble Curb: Leveraging Your Most Valuable Asset to Achieve Your Community's Goals”*, **Chrissy Mancini Nichols**, National Lead, Curb Management and New Mobility, Walker Consultants, San Francisco, California and **Jeffrey Weckstein**, Parking, Traffic, and Mobility Planner, Walker Consultants, Los Angeles, California
- *“Planning for the Evolving Curb - A Data Driven and Simulation-based Approach to Sizing Passenger Loading Areas”*, **Sai Sirandas**, P.E., Senior Transportation Engineer, Fehr & Peers, San Francisco, California and **Eric Womeldorff**, P.E., Principal, Fehr & Peers, San Francisco, California

1:30 — 3:00 p.m. Technical Sessions

Tools for Complete Streets

Speakers:

- *“PED Talk: The Story of One Man's Journey in Taking One STEP at a Time to Reduce Pedestrian Fatalities and Serious Injuries - The Mission, the Challenges, the Joys, and the Hope”*, **Peter Eun**, Transportation Safety, STEP, FHWA, Raleigh, North Carolina
- *“A More Complete Street: Incorporating New Technologies into Street Plans”*, **Lisa Nisenson**, Vice President, New Mobility and Connected Communities, WGI, West Palm Beach, FL

- *“Nanaimo Goes Dutch: Complete Street Standards, Design Guideline, & Metral Drive Complete Street Project”*, **Annalisa Fipke**, P.Eng, Project Engineer, City of Nanaimo, Nanaimo, British Columbia and **Roy Symons**, Manager, Transportation Planning, ISL Engineering and Land Services Ltd.
- *“What can urban areas borrow from rural areas and does “Complete Streets” mean the same in this context for everyone if you are in Europe, Canada or in US?”*, **Elisabeth Hofbauer-Spitzer**, M.Sc, P.Eng, Senior Transportation Engineer, Transoft Solutions, Richmond, British Columbia and **Vanessa Skelton**, P.Eng, Transportation Planning and Traffic Engineering Lead – Canada, GHD, Ottawa, Ontario
- *“Creating Safe Solutions for Vulnerable Road Users Without Breaking the Bank!”*, **Amy Rosepiller**, P.E., Director - Columbus Roadway Design, Burgess and Niple, Inc., Columbus, Ohio and **Molly Loucks**, P.E., Roadway Design, Burgess & Niple, Boise, Idaho

What Have Connected Vehicle Pilots Taught Us To-Date?

Speakers:

- *“Highway 52 Connected and Automated Vehicle Study - A Grassroots Study Laying the Foundation for Statewide CAV Deployments”*, **Jacob Folkeringa**, P.E., Principal, SRF Consulting Group, Minneapolis, Minnesota and **Cory Johnson**, P.E., CAV / ITS Program Lead, Minnesota Department of Transportation, Minneapolis, Minnesota
- *“Connected Vehicle Messaging: Lessons Learned from the WYDOT Connected Vehicle Pilot”*, **Shane Zumpf**, Application Development Lead, Trihydro, Laramie, Wyoming
- *“Preparing for Connected and Automated Vehicles: A County’s Perspective”*, **John Abraham**, Ph.D, P.E., PTOE, Director of Traffic & Operations, Macomb County Department of Roads, Mount Clemens, Michigan and **Joseph Bartus**, P.E., PTOE, Senior Project Engineer, HNTB, Detroit, Michigan
- *“New York City Connected Vehicle Performance Insights”*, **David Benevelli**, P.E., Associate Vice-President, TransCore, Peachtree Corners, Georgia and **Keir Opie**, Principal, Cambridge Systematics, New York, New York, and **Robert Rausch**, Vice-President, TransCore, Richmond, Texas
- *“Integrating Signal Interference, Testing and OEMs for the THEA CV Pilot Expansion”*, **Robert Frey**, Director of Planning and Innovation, Tampa Hillsborough Expressway Authority, Tampa, Florida

Pivoting to Virtual Public Engagement

Speakers:

- **Kristi Sebastian**, Traffic Engineer, Dakota County, Minnesota
- **Eric Lamb**, Transportation Planning Manager, City of Raleigh, North Carolina
- **Kristin Darr**, Principal and Owner, Central Creative, Phoenix, Arizona

3:10 —3:55 p.m. Poster Presentations

Speakers:

- *“Mobility as a Service: Coordinating Transit and New Mobility Services”*, **Katherine Kortum**, Ph.D, P.E., Senior Program Officer, Transportation Research Board, Washington, District of Columbia
- *“A Personalized Plan for Measuring Incremental Progress Towards Transportation Goals”*, **Jenna Bogert**, Transportation Engineering Associate, DKS Associates, Salem, Oregon
- *“Resilience of Accessibility to Urban Food Supply Infrastructure During the COVID-19 Pandemic”*, **Fei Han**, Research Assistant, University of New Mexico, Albuquerque, New Mexico and **Su Zhang**, Senior Research Engineer, Earth Data Analysis Center, Albuquerque, New Mexico
- *“Transportation Energy Analytics Dashboard”*, **Mark Franz**, Ph.D, Senior Transportation Analyst, Center For Advanced Transportation Technology Laboratory, College Park, Maryland and **Rick Ayers**, Public Sector Advocate, CATT Lab, College Park, Maryland
- *“Mitigating VMT Impacts with TDM: California’s SB743 Implementation Experience”*, **Fernando Sotelo**, Associate Engineer, Kittelson and Associates, Orange, California
- *“Maximize Trip Generation Estimation Validity”*, **Paul Basha**, P.E., PTOE, Traffic Engineering Manager, Summit Land Management, Scottsdale, Arizona
- *“Clackamas County Transit Development Plan”*, **Krista Purser**, P.E., Engineer, Kittelson & Associates, Inc., Portland, Oregon
- *“Congestion Pricing and the Balanced Transportation Analyzer – Reducing Congestion, Raising Revenue, and Improving Quality of Life”*, **Adam Selver**, Traffic Engineer III, HNTB, New York, New York

4:00 —5:30 p.m. Technical Sessions

30 Minute Delivery: Understanding Micrologistics Trends and Transport Planning

Speakers:

- *“Connecting Urban Goods and Services: The Final 50 Feet”*, **Christopher Eaves**, P.E., Senior Civil Engineer, City of Seattle, Seattle, Washington
- **Rick Stein**, Principal and Owner, Urban Decision Group, Grandview Heights, Ohio
- **Lisa Nisenson**, Vice President, New Mobility and Connected Communities, WGI, West Palm Beach, Florida
- **Jason Sudy**, Principal, OHM Advisors, Columbus, Ohio

Improving Safety Through Speed Limit Setting

Speakers:

- **Wendy Cawley**, P.E., City Traffic Engineer, City of Portland, Oregon
- **Michael Moule**, County Traffic Engineer, Kauai County, Hawaii
- “Improving Safety Through Speed Limit Setting and Speed Limit Practices”, **Charlotte Claybrooke**, Planner, Washington State Department of Transportation, Olympia, Washington
- **Jenny O’Connell**, Senior Program Manager, National Association of City Transportation Officials, New York, New York

Big Data and Cloud-Based Solutions for Improved TSMO

Speakers:

- “*Leveraging Cloud-Based Technology for Optimizing Signal Timing and Real-Time Adaptive Signal Control*”, **Farhad Pooran**, Ph.D, P.E., Vice President, Econolite Systems, Econolite, Anaheim, California
- “*Winnipeg Transit Master Plan – Using Location Based Device Data to Plan Transit Routes*”, **Robert Kurylko**, P.Eng, Senior Transportation Engineer, Stantec, Winnipeg, Manitoba
- “*Data-Driven Guardrail Prioritization Program in Clark County, WA*”, **Matthew Braughton**, P.E., Associate Planner, Kittelson & Associates, Inc., Sacramento, California and **Courtney Furman**, P.E., Traffic Engineer, Clark County, Washington
- “*Hawaii Department of Transportation (HDOT) and University of Hawaii Deploy Connected Vehicle Program to Analyze Signal and Corridor Optimization*”, **Ed Sniffen**, Deputy Director of Highways, Hawaii Department of Transportation, Anaheim, California and **David Ma**, Professor and Interim Associate Dean, University of Hawaii Manoa, Honolulu, Hawaii, and **Kirk Steudle**, Senior Vice President, Systems, Econolite, Anaheim, California

Recruiting and Retaining Transportation Professionals: Diversity and Inclusion in Recruitment, Mentoring and Career Development

Speakers:

- **Nikotris Perkins**, Assistant Director, Social Equity, Oregon Department of Transportation, Salem, Oregon
- **Charmaine Caldwell**, Ph.D, Director, Student Access, FAMU-FSU College of Engineering, Tallahassee, Florida
- **Jane Tiedeman**, P.E., Vice President, Global Equity, Diversity, and Inclusion, AECOM, Baltimore, Maryland
- **Kiyett Brown**, M.S., Ph.D. Candidate / Graduate Research Assistant, Florida A&M University, Tallahassee, FL

Wednesday, July 28

11:00 a.m.—12:30 p.m. Technical Sessions

Equity in Transportation

Speakers:

- *“Equity in TSMO Planning”*, **Briana Calhoun**, Senior Transportation Planner, Fehr & Peers, Beaverton, Oregon and **Caleb Winter**, Program Manager, Metro, Portland, Oregon
- *“Planning for the Future in Lane County with an Equity Lens using Big Data”*, **Kelly White**, DKS Associates, Spokane Valley, Washington
- *“Evaluating Success: Equity and Automated Speed Enforcement around the United States”*, **Taylor Whitaker**, Fehr & Peers, San Jose, California
- *“Maximizing the Promise of Modern Public Involvement”*, **Julia Colman**, P.E., Transportation Engineer, Alliance Transportation Group, Inc., Austin, Texas and **Adam Nodjomian**, EIT, Transportation Analyst, Alliance Transportation Group, Austin, Texas
- *“Bringing Equity to Infrastructure Investments- Sidewalks Case Study”*, **Ramandeep Josen**, Asset Management Specialist, Stantec, Burlington, Massachusetts and **John Vozzella**, Chief Engineer, City of Boston, Boston, Massachusetts

Deepening Crowdsourcing for Operations Roots for More Fruitful Benefits

Speakers:

- **James Colyar**, Transportation Specialist, Federal Highway Administration, Olympia, Washington
- **Ed Blayney**, Civic Technology Manager, City of Louisville, Kentucky
- **Justin Effinger**, Principal Engineer (Traffic Signal / ITS Engineer), Lake County (Illinois) Division of Transportation, Libertyville, Illinois
- **John Roberts**, Engineering Manager, Arizona Department of Transportation, Phoenix, Arizona

Best Practices From the Transit Community

Speakers:

- *“Bringing Automated Driving to Public Transit”*, **Jerome Lutin**, PH.D, P.E., AICP, F.ITE, Senior Director of Statewide and Regional Planning (retired), New Jersey Transit, Monmouth Junction, New Jersey and **Richard Mudge**, Ph.D, President, Compass Transportation and Technologies, Potomac, Maryland
- *“From Mobility to Accessibility based Planning: Implications for Public Transit”*, **Todd Litman**, Executive Director, Victoria Transport Policy Institute, Victoria, BC
- *“Meeting the COVID-19 Public Transport Challenge in Innovative Ways: Examples from Southeast Asia and East Asia”*, **Ronald Boenau**, International Transport Research

Advisor, Greensboro, North Carolina and **Md Mokaddesul Hoque**, Ph.D, E T Consultant, The World Bank, Transport, South Asia Region (ISAT1), Dhaka, Bangladesh

12:40 —1:25 p.m. Poster Presentations

Speakers:

- *“Improving Pedestrian Safety by Managing Urban Speeds through Traffic Signal Operations”*, **David Craft**, P.E., PTOE, Transportation Engineer, Kimley-Horn, Atlanta, Georgia
- *“Successes in Grade Crossing Safety Near Traffic Signals”*, **Samuel Bobko**, P.E., PTOE, Senior Traffic Engineer, Mott MacDonald, Cleveland, Ohio and **Alejandro Chock**, EIT, Engineer, Mott MacDonald, Cleveland, Ohio
- *“Road/Rail Crossing Reduction Study in Fairbanks and North Pole, Alaska”*, **Jessica Miranda**, P.E., Project Engineer, Kinney Engineering, LLC, Anchorage, Alaska and **Jeanne Bowie**, P.E., Ph.D, PTOE, Senior Transportation Engineer, Kinney Engineering, LLC, Anchorage, Alaska
- *“America’s First Dynamic Left Turn Intersection (DLTi)”*, **Jeremy Chapman**, Ph.D, P.E., PTOE, RSP1, FITE, South Carolina Traffic Operations State Lead / Senior Traffic Safety Engineer, Ramey Kemp Associates, Asheville, NC
- *“Proposing the POP Intersection Design to Enhance Pedestrian Safety and Operations at Signalized Intersections”*, **Peter Yu**, University of Washington, Seattle, Washington
- *“Accommodating Trucks at Roundabouts: What is a WB-67?”*, **Andrew Thompson**, EIT, Urban Engineers, Inc., Philadelphia, Pennsylvania and **Michael Mastaglio**, P.E., PTOE, Deputy Practice Leader, Urban Engineers, Philadelphia, Pennsylvania
- *“60,000 People, 12,800 Vehicles – Event Trip Generation in Las Vegas”*, **Devin Moore**, P.E., PTOE, RSP2, Engineer, Kimley-Horn, Las Vegas, Nevada
- *“Software is Eating the World: A No Added Hardware, Connected Vehicle Data Driven Approach to Automating Signal Retiming”*, **Jatish Patel**, CEO and Founder, Flow Labs, Oakland, California

1:30 —3:00 p.m. Technical Sessions

Safe System Conversation Circle with State and National Leaders

Speakers:

- **Rachel Carpenter**, Chief Safety Officer, California Department of Transportation, Sacramento, California
- **Brenda Young**, State Safety Engineer, Florida Department of Transportation, Tallahassee, Florida
- **Jeff Shaw**, Intersection Safety Program Manager, Engineer, Federal Highway Administration, Chicago, Illinois
- **Meghan Mitman**, AICP, Principal, Fehr & Peers, Walnut Creek, California

Traffic Analysis, Modeling and Simulation Cornucopia: Core Competencies, Incorporating New Data Sources, Analyzing Emerging Technology

Speakers:

- **Rachel James**, Ph.D, Research Engineer, Federal Highway Administration, McLean, Virginia
- **Raj Paradkar**, P.E., PTOE, Senior Project Manager, Kimley-Horn, Reston, Virginia
- **Kavita Chapuri**, P.E., Senior Transportation Engineer, Kimley-Horn, Reston, Virginia
- **Chris Melson**, Program Manager, Louisiana Transportation Research Center, Baton Rouge, Louisiana

Big Data Safety Applications

Speakers:

- *“Getting ITS Devices out of their sandboxes and working together”*, **Nathan Beauheim**, P.E., PTOE, Civil Engineer II, City of Loveland, Loveland, Colorado
- *“The Increasing Trend in Pedestrian Fatalities: Understanding Where, When, and Why”*, **Brian Tefft**, RSP1, Senior Researcher, AAA Foundation for Traffic Safety, Washington, District of Columbia and **Lindsay Arnold**, MPH, RSP1, Researcher, AAA Foundation for Traffic Safety, Washington, District of Columbia
- *“Pavement Friction Management: Linking Safety and Asset Management”*, **Ryland Potter**, Director of Business Development, WDM USA Limited, Richmond, Virginia
- *“Utilizing Big Data for Safety Analysis in the City of the Future”*, **Nichole McCarty**, AICP, Assistant to the Town Manager, Town of Gilbert, Arizona and **Rae Stephani**, EIT, Senior Engineering Designer, Y2K Engineering, LLC, Mesa, Arizona

3:10 —3:55 p.m. Poster Presentations

Speakers:

- *“Rail Crossing Information System (RCIS)”*, **Ian Steele**, P.Eng, President and Senior Systems Engineer, PBX Engineering Ltd., Victoria, British Columbia
- *“Addressing Pedestrian Safety on Arterials: North Carolina Case Studies”*, **Lauren Blackburn**, Senior Project Manager, VHB, Raleigh, North Carolina and **Brian Mayhew**, P.E., CPM, State Traffic Safety Engineer, North Carolina Department of Transportation, Raleigh, North Carolina
- *“Improving Safety through Road User Education”*, **Lindsey Van Parys**, P.E., QSD/P Project Manager, GHD, Roseville, California
- *“New Applications of Data Science for Local Vision Zero Efforts”*, **Julien Refour**, M.Sc., Senior Data Scientist, UrbanLogiq, Vancouver, British Columbia

- *“Prioritizing Safety and Mobility during Pavement Rehabilitation Projects”*, **Smita Sharma**, M.S., EIT, Applications Engineer, Lindsay, Omaha, Nebraska and **Laura Huizinga**, Technical Sales Manager – Road Zipper, Lindsay, Omaha, Nebraska
- *“Leveraging AI-Based Findings for Strategic Crash Prevention in Southern Nevada”*, **Paul-Matthew Zamsky**, Head of Strategic Partnerships, Waycare, Los Angeles, California

4:00 —5:30 p.m. Workshops

- Reforming Traffic Impact Analysis to Incorporate Safety and Multimodal Transportation
- Proactive Tools and Treatments to Address Roadway Safety
- Game of Modes: Bus and Bike Facility Design in Constrained Corridors

Thursday, July 29

11:00 a.m.—12:30 p.m. Technical Sessions

Measures for Managing Speed

Speakers:

- *“How the Built Environments Shapes Driver Behavior: An NDS Study”*, **Patricia Tice**, P.E., AICP, Research Assistant, University of Central Florida, Winter Garden, Florida
- *“Evaluating the Effectiveness of Speed Limit Reductions on Urban Roads with a High Percentage of Active Travelers: A Before and After Analysis in Portland, OR”*, **Jaclyn Schaefer**, EIT, Portland State University, Beaverton, Oregon
- *“Hillsborough - Vision Zero High Injury Network Corridors”*, **Paula Flores**, Transportation Planning Practice Leader, Greenman-Pedersen, Inc, Tampa, Florida and **Lisa Silva**, Principal Planner, Hillsborough MPO, Tampa, Florida

Focusing on the User – Balancing Safety and Mobility at Traffic Signals

Speakers:

- *“Traffic Signal Operations: Balancing Safety and Mobility - UDOT Experiences”*, **Mark Taylor**, P.E., PTOE, Traffic Signal Operations Engineer, Utah DOT, Salt Lake City, Utah
- *“Improving User Experience at Congested Arterials Using Advanced Traffic Signal Controller Features”*, **Shazia Malik**, Transportation Engineer, Virginia Department of Transportation (VDOT), Fairfax, Virginia and **Veera Gunda**, P.E., Transportation Engineer, Serco, Inc., Fairfax, Virginia
- *“How Upgrading One Traffic Signal Cabinet Alleviated a Systemwide Transit Bottleneck”*, **Adam Moore**, P.E., Senior Engineering Associate, City of Portland Bureau of Transportation, Portland, Oregon and **Maggie Lin**, Ph.D, P.E., PTOE, Transportation Engineer, DKS Associates, Portland, Oregon
- *“Operating FYAs with a Focus on Safety”*, **Philip Kulis**, P.E., PTOE, RSP2, SRF Consulting Group, Inc., Minneapolis, Minnesota

Edge Lane Roads – New Uses and Safety Performance

Speakers:

- **Michael Williams**, Owner, Michael Williams Company, Mt. Shasta, California
- **David Peterson**, City Engineer, City of Port Townsend, Port Townsend, Washington
- **Tom Kassmel**, Town Engineer, Town of Vail, Vail, Colorado
- **Anurag Pande**, Professor of Civil Engineering, Cal Poly – San Luis Obispo, San Luis Obispo, California

12:40 —1:25 p.m. Poster Presentations

Speakers:

- *“Using Data Analytics to Prioritize Safety Deployments and Predict Crashes”*, **Laura Sanchez**, Innovation Manager, Siemens, Austin, Texas
- *“Shaping the narrative around traffic injury: Why and how transportation professionals should engage with local news media”*, **Seth LaJeunesse**, CAGS, MCRP, Senior Research Associate, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina
- *“School Road Safety Audits in Action”*, **Elizabeth Yarnall**, Transportation Planner, AECOM, Atlanta, Georgia and **Marielena Gutierrez**, School Outreach Coordinator, AECOM, Atlanta, Georgia
- *“We Closed Canada's National Highway - Did it Go According to Plan?”*, **Mariya Otten-Andrew**, P.Eng, PTOE, Principal Consultant, WSP, Vancouver, British Columbia
- *“Using Technology to Improve Safety in the Eye of the Storm”*, **John Kissinger**, P.E., PTOE, Senior Transportation Engineer, Kimley-Horn and Associates, Inc., Tempe, Arizona and **David Locher**, P.E., TSMO Systems Maintenance Manager, Arizona Department of Transportation, Phoenix, Arizona
- *“Towards Zero Deaths – How the Utah Traffic Incident Management Coalition is Saving Lives”*, **Pat Gallagher**, Project Manager, Parsons, Las Vegas, Nevada
- *“Major Incident Response Innovation – Towing & Recovery Incentive Program (TRIP)”*, **Tom Clark**, PMP, Vice President, Parsons, Arlington, Virginia
- *“Using Part-time Shoulder Lanes as Managed Lanes to Improve Reliability in Congested Urban Corridors”*, **Raj Paradkar**, P.E., PTOE, Senior Project Manager, Kimley-Horn, Ashburn, Virginia and **Kavita Chapuri**, P.E., Senior Transportation Engineer, Kimley-Horn, Reston, Virginia

1:30 —3:00 p.m. Technical Sessions

Updating the MUTCD: What’s Being Proposed and What’s Being Said

Speakers:

- **Gene Hawkins**, P.E., Ph.D, Professor, Texas A&M University, College Station, Texas
- **Steve Jewell**, P.E., PTOE, Consultant, New Albany, Ohio
- **Jeff Lindley**, P.E., Deputy Executive Director / Chief Technical Officer, Institute of Transportation Engineers, Washington, DC
- (invited) **Dongho Chang**, P.E., PTOE, City Traffic Engineer, City of Seattle, Washington

Legal Liability: Perspectives From Both Sides

Speakers:

- **Andrew Cooley**, Keating Bucklin & McCormack, Inc., P.S., Seattle, Washington

- (invited) **Scott F. Kocher**, Forum Law Group LLC, Portland Oregon

TSMO Performance Management Using Cutting Edge CAV Techniques

Speakers:

- *“Intersection Health: Automatically Identifying Traffic Performance Inefficiencies Using Existing Infrastructure at the Intersection”*, **Sajad Shiravi**, P.Eng, M.Sc., Product Manager, Miovision Technologies, Kitchener, Ontario
- *“Holistic Arterial Performance Analysis”*, **Lance Ballard**, P.E., Traffic Engineer, Kimley-Horn and Associates, Austin, Texas
- *“Gainesville Signal Phase and Timing (SPaT) Trapezium Project”*, **Md Omar Faruk**, CAV and TSM&O Engineer, HNTB, Tallahassee, Florida and **Raj Ponnaluri**, Ph.D, P.E., PTOE, PMP, State Connected Vehicles, Arterial Management, Managed Lanes Engineer, Florida Department of Transportation, Tallahassee, Florida
- *“Shared Autonomous Vehicles - First and Last Mile Connectivity”*, **Obaid Khan**, P.E., Senior Project Manager, Gray-Bowen-Scott, Walnut Creek, California and **Sai Midididdi**, P.E., Associate Engineer (Traffic), City of Dublin, California

4:00 – 5:30 p.m. Closing Plenary Session

During this session, **Toks Omishakin**, Director of the California Department of Transportation, will provide a TED-talk like presentation on leading a public agency into the future in today’s world followed by an audience Q&A session moderated by ITE President, Alyssa Rodriguez.