## Technical Program Schedule

### Monday, July 20

<table>
<thead>
<tr>
<th>Session</th>
<th>Time</th>
<th>TRACK</th>
<th>ROOM</th>
<th>Title</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8:30 AM – 10:00 AM</td>
<td>A-B</td>
<td>Wilshire/Room</td>
<td>1: Keynote Presentation</td>
<td>Mike Hand, Regional Transportation Commission of Southern Nevada – Funding Transportation in Southern Nevada: Past, Present, and Future</td>
</tr>
</tbody>
</table>
| 2       | 10:30 AM – 12:00 PM | A       | Wilshire A | 2A: Complete Streets                                                  | Moderator: Mark Spencer, W-Trans  
Josh Mello, Alta Planning + Design  
-Wine Barrels, Straw Waffles and Elbow Grease: Playing Around with Monterey Road  
Perry D. Gross, Atkins - Complete Streets in the West: Public Policy Implications  
Mike Jansen, City of Las Vegas - Downtown Las Vegas Complete Street Retrofit Program |
| 3       | 1:30 PM – 3:00 PM | A       | Wilshire B | 3A: Bicycle Facility Planning & Design                               | Moderator: Justin Link, MNS Engineers, Inc.  
Min Zhou, KOA Corporation – Class IV Bike Lane (Cycle Track) – Changing the Level of Traffic Stress  
Mike Gill, Stantec - Bicycle Performance Metrics as Part of Signal Retiming  
Dongho Chang, Seattle Department of Transportation - Seattle’s Second Avenue Protected Bike Lane |
| 4       | 3:30 PM – 5:00 PM | A-B    | Sunset   | 4A: Safety Analysis & Planning                                      | Moderator: Karen Aspelin, Parametrix  
Jacob Farnsworth, Kimley-Horn & Grant G. Schultz, Brigham Young University - Safety Hot Spot Analysis Methodology in Utah  
Jimmy Wom, ADVANTEC Consulting Engineers - Advantage and Disadvantage of a Diverging Diamond Interchange (DDI) |
|         | 4B: Transportation Planning Tools | A-B    | Sunset   | 4B: Transportation Planning Tools                                     | Moderator: John Kerenyi, City of Moreno Valley  
Vasant Kiatkikomol, Kittelson & Associates, Inc. - Travel Time Reliability Application for Planning-Level Transportation Project Evaluation  
Ahbro Mitra, Turner & Townsend - Appraising Project Risks in Non-Traditional Delivery of Large Scale Infrastructure Assets |
| 5       | 8:30 AM – 10:00 AM | A-B    | Wilshire/Room | 5A: Pedestrian Safety                                                | Moderator: Amit Kothari, TJKM  
Zaki Mustafa, LADOT, Faisal Hamood, Laneight, Emelinda M. Parentela, CSULB, Crystal Killian, LADOT - In-Road Warning Lights: Revisiting Pedestrian Crosswalk Application  
Dan Andersen, CH2M Hill, Inc. - Collaborative Regional Planning for Safe and Efficient Multimodal Access to Schools  
Daniel B. Fambro Student Paper Award (Winner) Nick Ferenchak, University of Colorado-Denver - Spontaneous Order of Pedestrian and Vehicle Interactions in Shared Spaces |
|         | 5B: Bicycle Detection Technology | A-B    | Sunset   | 5B: Bicycle Detection Technology                                       | Moderator: Kevan Shafizadeh, California State University, Sacramento  
Matt Zinn, Eberle Design - Bike Detection Using Inductive Loop Technology  
Roger Koehler, Iteris - Differential Bike Detection: One Tool for Meeting USDOT Secretary’s Mayor’s Challenge  
Lisa Okimoto, Portland Bureau of Transportation - Blue Light Special: Improving Bicycle Infrastructure with Active Feedback Devices |
Joe Mineiro, Trafficware - SynchroGreen and Non-Standard Applications of Adaptive Signal Control  
Larry Haas, Colorado Department of Transportation - 5.9 million Annual Reduction in Stops Along Corridor Leads to Dramatic Decrease in Rear-end Crashes  
Jim Hanson, Atkins - Prioritization of Corridors for Adaptive Signal Control Technology |
|         | 5D: Student Career Development Resume Review Workshop | A-B    | Sunset   | 5D: Student Career Development Resume Review Workshop                  | Neelam Dorman, ITE Southern California Section President, Western District Career Guidance Chair  
Bring your resume to be professionally reviewed. No advanced sign up necessary. |
# Technical Program Schedule (continued)

## Tuesday, July 21

<table>
<thead>
<tr>
<th>TRACK:</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room:</td>
<td>Wilshire A</td>
<td>Wilshire B</td>
<td>Sunset 3-4</td>
<td>Sunset 5-6</td>
</tr>
<tr>
<td>10:30 AM – 12:00 PM</td>
<td>6A: Roadway Safety Improvements&lt;br&gt;Moderator: Dalene J. Whitlock, W-Trans&lt;br&gt;Benjamin T. Waldman, City of Arvada, Colorado - Blending a Roundabout into the 40 West Art District and Improving Safety and Bike/Ped Connectivity&lt;br&gt;Kevin Carstens, Cal Poly, San Luis Obispo - Toward Measuring Pavement Conditions to Optimize Roadway Treatments&lt;br&gt;Victoria Edington &amp; W. Freddy He, Stantec - Combining Signal Timing, Detection Technology, and Alternative Intersection Design to Improve Traffic Operations and Safety on a Popular Mountain Highway in Colorado</td>
<td>6B: Intersection Simulation Modeling&lt;br&gt;Moderator: Rock Miller, Stantec&lt;br&gt;David Stanek, Fehr &amp; Peers - Simulation Analysis of Intersection Treatments for Cycle Tracks&lt;br&gt;Ian Barnes, Fehr &amp; Peers - Evaluation of Microsimulation Software Analysis Packages for Intersections near Railroad Grade Crossings&lt;br&gt;SM Alam, AECOM - Micro-simulation of a Metered Roundabout at Freeway Ramp Termini, Los Angeles, California</td>
<td>6C: Operational Performance Assessments&lt;br&gt;Moderator: Saul Kane, LIN Consulting&lt;br&gt;Ronald G. Keith, Orange County Transportation Authority - An Overview of the Orange County Transportation Authority’s Regional Traffic Signal Synchronization Program&lt;br&gt;M. Scott Shea, University of Utah - Operational Performance Assessments of Innovative High Speed Urban Arterial Intersections – A Case Study in Salt Lake City, UT&lt;br&gt;Jim Hanson, Atkins - Evaluating Driver Experience through Effective Use of Performance Measures</td>
<td>6D: Young Professionals Career Development Workshop&lt;br&gt;Noelam Dorman, ITE Southern California Section President, Western District Career Guidance Chair - Learn the how to deal with some of the challenges of being a young professional in today’s workplace from transportation professionals. No advanced sign up necessary.</td>
</tr>
<tr>
<td>2:00 PM – 3:30 PM</td>
<td>7A: Multi-modal Planning&lt;br&gt;Moderator: Jennifer Rosales, City of San Clemente&lt;br&gt;Alice Chen, Kittelson &amp; Associates, Inc. - Caltrans Smart Mobility Framework: An Approach for Performance-based Multi-modal Planning&lt;br&gt;Alejandro Hena, University of Colorado-Denver - Comparing and Evaluating the Impacts of Evolving Urban Transportation Modes Including Carsharing, On-demand Ridesourcing, and Intermodality&lt;br&gt;Nick Ferencak, University of Colorado-Denver - Commute Mode and Mental Health in Major Metropolitan Areas</td>
<td>7B: Information Technology for Transportation Projects&lt;br&gt;Moderator: Tim Harpst, Horrocks Engineers, Inc.&lt;br&gt;Jaimi Rodriguez, Traffic Patterns - Internet of Things (IoT) Supporting Transportation&lt;br&gt;Dan Spose, City of Portland, Bureau of Transportation - Efficiency Compounded: How Portland used a simple GIS app to coordinate a multi-million dollar, citywide LED conversion&lt;br&gt;Alexander Paz, University of Nevada, Las Vegas - Business Intelligence for Transportation and Infrastructure Systems in Nevada</td>
<td>7C: Freeway System Management&lt;br&gt;Moderator: Jamie Archambeau, Atkins&lt;br&gt;Vijay R.E. Arvind and Emelinda M. Parentela, California State University, Long Beach - Reversible Lane: Exploring Lane Management Alternatives&lt;br&gt;Lisa Burgos, Kimley-Horn - I-15 Dynamic Mobility Project&lt;br&gt;Khizran Shah and Emelinda M. Parentela, California State University, Long Beach - A Case Study on Potential Benefits of V2V Technology on Freeway Safety</td>
<td></td>
</tr>
</tbody>
</table>

## Wednesday, July 22

<table>
<thead>
<tr>
<th>TRACK:</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room:</td>
<td></td>
<td>Sunset 3-4</td>
<td>Sunset 5-6</td>
</tr>
</tbody>
</table>