TRB 6th International Conference on Roundabouts
May 18-20, 2020, Monterey, CA

Draft Agenda AT A GLANCE
(Subject to Change)

SUNDAY, May 17, 2020

3pm - 6pm
Registration

7am-5pm
Registration

8:00 a.m. – 9:15 a.m
Opening Plenary Session
Brian Walsh
Clyde Roberson
Toko Otsukishin
TRB ANB75 Chair
Mayor of Monterey
Caltrans Director

9:15 a.m. – 9:45 a.m
Break
Poster Session 1 Opens (Presenters Available)

9:45 a.m. – 11:30 a.m
Breakout Sessions 1A, 1B, 1C

Session 1A - Roundabout Communities
Wisconsin’s Statewide Experience in Roundabout Safety Performance and Development of Safety Performance Functions
Ben Wilkinson
Updating the City of Loveland’s Development Standards for Widespread Roundabout Installation
Beauchain, Nathan
Washington State Roundabout Evaluation
Brian Walsh
Regional Roundabout Study: “The Growth of Roundabouts in Monterey County
Sean Houch

Session 1B - Mini/Compact RBs
Small Roundabouts: Big Impact - Compact and Mini Roundabouts in Newark, Ohio
Nicholas Schultz
Compact roundabout as a solution for semi-rural two-way stop-controlled intersections with high crash severity
Steven Diabol
Field Data and Calibration of Capacity Models for Mini Roundabouts
Mark Lenters
Modeling Capacity and Greenbook Probability at Mini-Roundabouts
Herman Briton

Session 1C - Roundabout Planning
Round is the New Realist!
Ken Sides
Traffic Planning with Roundabout Corridors: Performance-based Methodology to Maximize Benefits and Cost Ratios
Mark Johnson

11:30 a.m. – 1:00 p.m
Lunch with Speaker
TBD

1:00 p.m. – 2:45 p.m
Breakout Sessions 2A, 2B, 2C

Session 2A - Complete Streets
Roundabouts Can’t Exist on Complete Street Corridors... Or Can They?
Michael McBride
Evolution of a Complete StreetRoundabout Corridor Project
Rosa Ainsworth
Roundabouts – the Multimodal Solution for Complete and Safe streets
Lindsey Van Parys
Meeting the Challenge - Carmel’s 9th Street roundabout corridor
David Herrn
Delivering Big Results with Smaller Roundabouts
Mark H. McCulloch
Affordable/Sustainable Mini-Roundabouts
Andy Duerr
Compact Roundabouts
Brian Walsh

Session 2B - Mini/Compact RBs
Breaking Ground: Compact Roundabouts
Steve Tweed

Session 2C - Geometric Design Principles
Geometric Design Principles (Design Forum with Audience Participation)
Mark Johnson
Rachael Price

2:45 p.m. – 3:15 p.m
Break
Poster Session 1 Continued (Presenters Available)

3:15 p.m. – 4:45 p.m
Breakout Sessions 3A, 3B, 3C

Session 3A - Roundabout Corridor Examples
Nebraska’s First Roundabout Corridor – Yankee Hill Road in Southeast Lincoln
John Coburn
Doing in Circles: The Challenges of Calibrating Five Multi-Lane Roundabouts
Amanda Dearing
Evaluation of Route 160 Widening Project: A Before-And-After Study with Driving Simulator
Andrew Schlichting

Session 3B - Mini/Compact RBs
WSDOT SR 992 Craig Road Roundabout
Larry Frostad
Jackson, GA Recycled Plastic Modular Roundabout System - 2 Year Status
Adam Lank

Session 3C - Crash Investigations
Roundabout Crash Rates - What We Can Learn From Them
Wai Zhang
Anatomy of Multi-Lane Roundabout Crashes
Dan Devoy

5:00 p.m. – 7:00 p.m
Networking Reception with Patrons

TUESDAY, May 19, 2020

7am-5pm
Registration

9:00 a.m. – 9:30 a.m
Breakout Sessions 4A, 4B, 4C

Session 4A - Safety
Addressing the "Merge" Problem at Multilane Roundabouts
Phil Weber
Determining SPPs for Local Agency Traffic Signals and Roundabouts - a Fort Worth TX Study
Jay Vonkenshagen
 Applying Line-and-Island Model Analysis to Real-World Roundabouts
Joseph Kataland

Session 4B - Non Motorized Users
Pedestrian Safety and Accessibility along a Multilane Roundabout Corridor, Implementation of NCHRP Report 834
Sarah Huffman
Pedestrian/Vulnerable User Safety and Design Implementation at Roundabouts
Mark Johnson
Raised Crosswalks at Multi-Lane Roundabouts: Lessons Learned
Lify Schamp
Pedestrian Crossing Systems at Roundabouts with Passenger Rail (LRT)
Mark Lenters

Session 4C - Transit and Trucks
Transit Needs at Multilane Roundabouts
Brian Walsh
Transit Considerations at a Constrained Multilane Roundabout
Karen Hancox
Roundabout Corridor with Transit Priority
Sean Hancox

6:00 p.m. – 7:00 p.m
Breakout Sessions 5A, 5B, 5C

Session 5A - Turbo Roundabouts
Bringing the Turbo Roundabout to the US
Brian Moore
Turbo Roundabout Design Translated to a Suburban USA Project
Bill Baranowksi
The New Turbo Roundabout at St.Lambert - User safety at the heart of our concerns
Jordan Belovski

Session 5B - Non Motorized Users
Raised Crosswalks at Roundabouts: Safety Benefits Realized by All Users
Michael McBride
Improving safety of cyclists at roundabouts in build-up areas
Lothar Bondzio
Towards Better Roundabouts for Pedestrians and Cyclists
Phil Weber
Bicycle Corridor
Steve Tweed

Session 5C - Heavy Vehicles
Accommodating Trucks
Andrew Thompson
Trucks at Roundabouts
Michael Mastaglio
Driving Behavior and Subjective Evaluation of Large Vehicles at Roundabout in Hokkaido, JAPAN
Kazunori Munehiro

11:00 a.m. – 1:00 p.m
Lunch
Breakout Sessions 5A, 5B, 5C

1:00 p.m. – 2:45 p.m
Guided Roundabout Tours
Guided Roundabout Tours (rotating bus schedules; preregistration required)
Guided Roundabout Education: Going Nowhere in Circles
Mi Ae Lipe
<table>
<thead>
<tr>
<th>Session 6A - Education/Outreach</th>
<th>A Few Good Roundabouts: “You CAN handle the truth!” - Making the Case for Roundabouts and Safer Design Alternatives</th>
<th>Daniel Spann</th>
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<tr>
<td></td>
<td>Roundabout Public Engagement - Telling Our Story</td>
<td>Mark Johnson</td>
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<td>Keeping Traffic Moving in Cottonwood Heights, Utah</td>
<td>Bill Baranowski</td>
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<td>Session 6B - Rail</td>
<td>Light Rail and Roundabouts - An Innovative Solution on Main Street</td>
<td>Joseph P. Perry</td>
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<td>Replacing traffic signals at grade rail crossings and roadway junctures with roundabouts, for better operation, safety, and recovery</td>
<td>Todd Cooper</td>
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<td>City of Reading</td>
<td>Phil Grothe</td>
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<td>Rail in Indiana RRs</td>
<td>Shah Hardik</td>
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<td>Session 6C - Safety Principles</td>
<td>Size Does Matter</td>
<td>Christopher Raymond</td>
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<td>Improving Perceptibility and Visibility of Roundabouts on Rural Roads in Germany</td>
<td>Martin Schmitz</td>
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<td>Safety in Georgia</td>
<td>Scott Zeigeln</td>
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Break: Poster Session 2 Continued (Presenters Available)

| Session 7A - Education/Outreach | Roundabouts and Traffic Calming Circles: Challenges of a Mixed Driving Environment | Mark Butcher |
|                                 | Roundabout Public Education: How Insufficient Outreach Limiting Progress Toward Vision Zero | Michael McBride |
|                                 | Chief of Police and Fire Chief Roundabout Testimonials, Version 2.0 | Jay VonKlahn |
|                                 | Navigating the Stakeholder Engagement Process for Roundabouts on State Highways and Freeway Routes | Kevin Haas |
| Session 7B - Challenges of 2x2 | The challenges of “2x2” conflicts at roundabouts – State of the Practice | Latty Schampa |
| Session 7C - A Challenge to the Status Quo | Lincoln’s Double Roundabout – Managing University, Sporting Event and Entertainment District Traffic with Ease | John Coburn |
|                                 | Steepling the Curve - Roundabouts on Grade | Heather Anderson |

Breakout Sessions 7A, 7B, 7C

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<tr>
<th>Session 8A - Roundabout Video Theatre</th>
<th>Roundabout Video Theatre</th>
<th>Katie Handel</th>
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<td>Session 8B - Collaborating with Technology</td>
<td>A Study of ‘Fast Paths’ Using Drone Technology</td>
<td>Murray Allen</td>
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<td>Capacity Increase at the I-Roundabout and I-Turboroundabout Compared</td>
<td>Bertie Fortiuj</td>
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<td>An Innovative Assessment of Roundabout pre-acceptance using Artificial Intelligence Analytics</td>
<td>Toby Cooper</td>
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<td>Workflow for a 3D Conflict Analysis Between Roundabout Surfaces and OSOW Vehicles</td>
<td>Nelson Huang</td>
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<td>Session 8C - Design Analysis</td>
<td>Choosing the Right Traffic Analysis Tool</td>
<td>Stephen Thiean</td>
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<td>Modeling an over-saturated case of closely-spaced roundabout and signalized intersection</td>
<td>Faremi Alcasab</td>
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<td>Capacity Analysis of Roundabout</td>
<td>Raghaveshwar Reddy</td>
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<td>Ottawa Street Double Roundabouts</td>
<td>Dut Roja</td>
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Breakout Sessions 8A, 8B, 8C

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<th>Session 9A - Research Projects</th>
<th>Overview on Roundabout Research</th>
<th>Hillary Liebrandts</th>
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<td>NCCHRP 03-150 Update</td>
<td>Brian Ray</td>
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<td>Session 9B - Construction</td>
<td>Roundabout Research</td>
<td>Nathan Balz</td>
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<td>Construction Phasing of a County’s First Multi-lanes Roundabout and Expandable Considerations</td>
<td>George White</td>
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<td>The 3 M's of Construction Staging</td>
<td>Samantha Dietomasi</td>
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<td>Right-Sized Roundabouts - Considerations for Design</td>
<td>Jeff Jones</td>
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<td>Session 9C - Roundabouts in the Ground</td>
<td>Interchange Roundabout Conversion to Six-Lane Roundabout</td>
<td>Robert Jack</td>
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<td>14th Street &amp; Old Cheney Road Intersection Improvements Project for City of Lincoln, Nebraska</td>
<td>Joshua Patki</td>
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<td>The First Dogbone interchange in Iowa</td>
<td>Aaron Moniza</td>
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Break: Poster Session 2 (Presenters Available)

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<tr>
<th>Poster Session 1 – Presenters</th>
<th>May 18, 2020</th>
<th>Case Study – The Good and the Bad of Implementing Neighborhood Traffic Circles and Mini Roundabouts in City of Burleson, TX</th>
<th>Dana Schumard</th>
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<tr>
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<td>Mini/Compact Roundabout Success &amp; Lessons Learned after a Decade</td>
<td>Michael McBride</td>
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<td>My Roundabout Costs What???</td>
<td>Samantha Delmonico</td>
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<td>Going ‘Round – Introducing Roundabouts to Oklahoma</td>
<td>Jessica Gay</td>
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<td>#RoundaboutsWeek</td>
<td>Hillary Liebrandts</td>
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<td>Planning and Operation of Twin Roundabout Introduced at IC Section of Automobile Expressway</td>
<td>Yoshihito Kobayahshi</td>
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<td>Status of Roundabouts in North America</td>
<td>Lee Rodgerski</td>
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<td>Analysis of secular changes in driving behavior after the introduction of roundabout in Japan</td>
<td>Koei Kiyota</td>
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<td>Evaluation of Louisiana’s Roundabouts</td>
<td>Julius Codgie</td>
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<td>Bertone Road Roundabout Corridor</td>
<td>Sean Houck</td>
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Poster Session 1 – Presenters (May 18, 2020)

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<tr>
<th>Poster Session 2 – Presenters</th>
<th>May 19, 2020</th>
<th>The calibration parameters of the roundabout entry capacity model - case based study on Tokyo and in the Tokyo surroundings conditions</th>
<th>Elbieta Macieszczak</th>
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<td>Application of Roundabout Channelization at Rotaries</td>
<td>Kady Nan</td>
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<td>Data Driven Comparative Study of Roundabouts and Stop Sign Controlled and Signalized Intersections</td>
<td>Wei-Bin Zhang</td>
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<td>The Effects of Roundabout Geometry on Ramp Terminal Crashes</td>
<td>Anouk Burdett</td>
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<td>The Roundabout Revisited - E. McKeen Drive Roundabout Refit</td>
<td>Daniel Spann</td>
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<td>Analysis of Traffic Safety for Cyclists at Compact Roundabouts in Japan</td>
<td>Koji Suzuki</td>
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<td>Signing and Pavement Marking Principles to Optimize Safety of Multilane Roundabouts</td>
<td>Mark Johnson</td>
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<td>Rounds and Rounds of Peer Review: The Benefits of Collaborative Design</td>
<td>Sarah Huffman</td>
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Poster Session 2 – Presenters (May 19, 2020)