Registration Opens for Conference and Workshop –
Sunday, 11:00 am to 5:00 pm. Reopens Monday at 7:00 am

Introduction to Roundabouts Workshop – Sunday, 12:30 PM to 4:30 PM (Attendance is optional, free to registrants)
Perry Shea, Moderator
The Case for Roundabouts - Howard McCulloch
Single Lane RBTs, Design, Capacity – Mark Lenters
Multi-lane RBT’s, Design, Capacity – Scott Ritchie
Multi-modal and ADA – Michael Moule, Scott Windley
Introduction to aaSIDRA – Rahmi Akcelik, Mark Besley
Introduction to RODEL – Barry Crown, Mark Johnson

Welcoming Reception – Sunday, 5:30 PM to 7:30 PM

Plenary Session – Monday, 8:00 - 9:30 AM, Centennial
Philip Demosthenes, Conference Chairman
Dr. Gene Russell, Chairman, TRB Joint Subcommittee on Roundabouts
Brian O’Neill, President, Insurance Institute for Highway Safety
Thomas Hicks, Director, Office of Traffic & Safety, Maryland State Highway Agency.
Greg Hall, Director of Public Works, Town of Vail

Session 2A – Monday, 10:15 - 11:45 AM, Centennial
Use in a Range of Settings, Urban to Rural and Low Speed to High Speed
In Transition: Roundabouts in Greater Vancouver, BC
Rachel Jamieson
Roundabouts - The Responsible Solution (Calgary CA)
Stephen Sargeant
High speed approaches to Roundabouts
Scott Ritchie

Session 2B – Monday, 10:15 - 11:45 AM, Cascade
Design Elements in Safety
Safety Auditing Roundabouts (Canada)
Mark Lenters
Review of Accident Research at Roundabouts
Janet Kennedy
Determining the Needs of Older Drivers for Negotiating Modern Roundabouts
Dominique Lord, Ida Van Schalkwyk, Sue Chrysler, Loren Staplin

Self-Guided Field Trips to Avon – Circulating bus shuttle provided between noon and 4:00 PM

Field Workshop – Noon to 5:00 PM. Meets at Cascade. Bus to Avon. Wrap up meeting in Rocky Mt Ballroom at 5:00 PM
Techniques and Cues used by Pedestrians who are Blind at Roundabouts
Pre-registration was required. Workshop is full.
Janet Barlow

Session 3A – Monday, 1:00 - 2:45 PM, Centennial
NCHRP 3-65, US Methods of Estimating Safety & Operational Impacts & Refine Design Criteria
Data Collection and Extraction
Michael Kyte, Michael Dixon, George List, Aimee Flannery, Lee Rodegerdts
Preliminary Safety Findings
Bhagwant Persaud, Craig Lyon, Aimee Flannery, Lee Rodegerdts
Preliminary Operations Findings
Miranda Blogg, Rod Troutbeck, Werner Brilon, Lee Rodegerdts
Preliminary Design Findings
Lee Rodegerdts, Karen Giese, David Harkey

Session 3B – Monday, 1:00 - 2:45 PM, Cascade
Safety Measures
Roundabout: A Safety Improvement Countermeasure
Virenda Singh, Karl Fredrickson, Randy Hoskins
The Safety of Roundabouts and Traffic Lights in Belgium
Diduer Antoine
Roundabouts Conflicts and their effect of Safety in Washington State
Brian Walsh, Ida Van Schalkwyk
Is Your Roundabout Too Round?
Victor Salemann

Session 4A – Monday, 3:15 - 5:00 PM, Centennial
Use in An Urban Constrained Environment
Roundabout Implementation in a Constrained Urban Environment
Mark Johnson
Capacity and Performance Analysis of Roundabout Metering Signals
Rahmi Akcelik
Dimondale: America’s First Mini-Roundabout
Edmund Waddell, James Albertson
Some Design and Operational Issues
Michael Wallwork

Session 4B – Monday, 3:15 - 5:00 PM, Cascade
Alternative Analysis Comparing All Intersection Alternatives
Study of Operational Performance and Environmental Impacts of 11 Modern Roundabouts in Kansas
Srinivas Mandavilli, Eugene Russell, Margaret Rys
Impact Study of Converting Six Cross Intersections to Low-Speed Modern Roundabouts
Ken Sides, John Seals, Michael Wallwork
Analytical Analysis of Pedestrian Effects on Roundabout Exit Capacity
Glenn Blackwelder, Lee Rodegerdts,
Estimating Roundabout Performance Using Delay and Conflict Opportunity Crash Prediction
Douglas Kennedy, Kristine Taylor, Alan Kaub

Hospitality Suite – Mountain View Room – 6:00 – 8:00 P.M.
7:30 - 9:30 PM: Meeting of the TRB Joint Subcommittee on Roundabouts
7:30 - 9:30 PM: Meeting of the TRB Access Management Committee
Session 5A – Tuesday, 8:00 - 9:45 AM, Centennial
**Roundabout Experience and Practice**  
Roundabout Lessons Learned the Hard Way in New York State  
Howard McCulloch  
Roundabouts: A State of the Art in Germany  
Werner Brilon  
How We fixed a Roundabout to Match Driver Expectations  
Skip Hudson, Rick Routh  
Bicycles at Roundabouts: State of the Practice  
Michael Moule

Session 5B – Tuesday, 8:00 - 9:45 AM, Cascade  
**How We Did It - Evaluation, Design, Completion**  
Are Roundabouts Good for Business?  
Alex Ariniello, Dan Hartman  
Vermont Roundabout Development: Safety, Performance, and Policy Development Considerations  
Tony Redington  
Case Study: Blue Lake Roundabout (Humboldt County CA)  
Steven Weinberger  
Design and Construction of Concrete Roundabouts  
Steven Waalkes

Session 6A – Tuesday, 10:15 - Noon, Centennial  
**Making Roundabouts Work in a Mixed Environment**  
Unconventional Roundabout Techniques Utilized in New York  
Howard McCulloch  
Evolution of Roundabouts in France and their New Uses  
Bernard Guichet  
High Capacity Roundabouts and Livable Communities  
Bill Hange, Mark Johnson  
Roundabouts and Light Rail Combined: An Innovative Intermodal Solution  
Bill Baranowski

Session 6B – Tuesday, 10:15 - Noon, Cascade  
**Signs, Paint, Illumination, Landscaping**  
Roundabout Signing Guide: A Recommended Practice (US and Canada)  
Phillip Weber, Mark Lenters, Scott Ritchie, Leif Ourston  
Navigation Signing for Double Lane Roundabouts  
Bryan Katz, Fred Hanscom, Vaughan Inman  
An Examination of Current U.S. Practices in Roundabout Lighting  
Patrick Hasson, Paul Lutkevich  
A Study of the Safety Effects of Signalizing Intersections on Colorado State Highways  
Richard Sarchet

Session 7A – Tuesday, 1:00 - 3:30 PM, Centennial.  
(Founded a 15 minute break)
**Pedestrians**  
Street Crossing by Blind and Sighted Pedestrians at a Single-Lane Modern Roundabout  
Richard Long, Daniel Ashmead, Nagui Rouphail, David Guth, Ron Hughes, Paul Ponchillia, Robert Wall  
Roundabout Access for Visually Impaired Pedestrians: Evaluation of a Yielding Vehicle Alerting System for Double-Lane Roundabouts  
Vaughn Inman, Gregory Davis, Dona Sauerburger

Roundabout Access for Blind and Visually Impaired Pedestrians: Update on NCHRP Project 3-78  
Ronald Hughes  
Yielding Behavior of Drivers to Sighted and Blind Pedestrians at Roundabouts  
Duane Geruschat  
Pedestrian Crosswalk Signals at Roundabouts: Where are they Applicable?  
Bill Baranowski

Session 7B – Tuesday, 1:00 - 3:30 PM, Cascade (Includes a 15 minute break)
**Modeling, Evaluation, Capacity**  
High Capacity Roundabouts Intersection Analysis: Going Around in Circles  
David Stanek, Ronald Milam  
Incorporating the Effect of Exiting Vehicles in Critical Gap Estimations at US Roundabouts  
Yuri Mereszczak, Michael Dixon, Michael Kyte  
Roundabout Model Calibration Issues and a Case Study  
Rahmi Akçelik  
Simulated Capacity of Roundabouts and Impact of Roundabout Within a Progressed Signalized Road  
Joe Bared, Praveen Edara  
Simulation of Pedestrian - Vehicle Interactions at Roundabouts  
Nagui Rouphail, Ron Hughes, KoSok Chae

**Evening Event at the Vail Cascade Hotel**  
Social hour, 5:15 Centennial Foyer  
Dinner 6:00 pm, entertainment following dinner

Session 8A – Wednesday, 7:30 - 9:15 AM, Centennial
**DOT Policy and Procedure Development**  
Development of Caltrans Policy and Guidance for Roundabouts  
Rebecca Mowry, Kevin Hanley  
New Roundabout Guidance at Kansas DOT  
Steve King  
Washington Roundabout Program  
Brian Walsh  
Incorporating Roundabouts into Wisconsin's Design Guide  
Mark Johnson, Patrick Fleming

Session 8B – Wednesday, 7:30 - 9:15 AM, Cascade
**Public Involvement and Outreach**  
The 'Sock Puppet' and Other lessons Learned in Grand Junction,CO  
Jody Kliksa, Kristin Winn  
Turnabout in Public Attitudes Towards Roundabouts in Clearwater Florida  
Ken Sides  
Implications and Placement of a Modern Roundabout, Cheyenne, WY  
Marten Matsen, Ray Moe  
Roundabouts in Harford County, Maryland, A Local Perspective  
Jeff Stratmeyer, Cheryl Banigan

CLOSING SESSION – Wednesday, 9:30 - 11:15 AM, Centennial  
Town Meeting Forum - Roundabout Discussions  
Closing Remarks - 11:00 AM  
Gene Russell and Philip Demosthenes  
Conference Closes – 11:15 AM