



ROUNABOUTS & TRAFFIC ENGINEERING

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SCOTT E. RITCHIE, P.E.

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PRESIDENT, ROUNABOUT SPECIALIST

Education / Professional Associations

Licensed Professional Engineer (P.E.), CA
Civil Engineering, B.S., OSU / Military Science Degrees, UofO & OSU
Transportation Research Board National Roundabout Subcommittee
Institute of Transportation Engineers Policy Representative for the Roundabout Task Force

Experience

Scott Ritchie serves as the president, roundabout specialist, and principal traffic engineer of **Roundabouts & Traffic Engineering (RTE)**. Scott has worked on a wide variety of transportation projects for private and public entities for over fifteen years. These projects include major mixed-use developments, commercial, residential, city, county, state, and federal projects throughout the Western United States with respect to traffic engineering and throughout the Nation for roundabout engineering. Some analyses include regional roadway improvement programs, traffic modeling, traffic impact analysis, capacity analysis, signal design, roundabout design, regional traffic management, safety analyses, and focused environmental impact reports (EIR) with respect to traffic impacts. Mr. Ritchie has also been involved with the design, review, modification, evaluation, redesign, and presentation of hundreds of roundabouts throughout North America. Mr. Ritchie has devoted much of his traffic engineering work to California and Nevada. However, in conjunction with regional work, Mr. Ritchie also serves as the on-call roundabout specialist and traffic engineer for many state and local jurisdictions throughout the United States for reviewing, recommending, and designing traffic-related projects and issues within the jurisdictional areas.

As a roundabout design specialist with roughly **300** modern roundabout designs in the United States, Scott Ritchie has been formally recognized as a roundabout design expert and qualified roundabout training instructor of modern roundabouts throughout North America due to his design experience, knowledge of roundabout theory and working operations, extensive roundabout field research, contributions with publications to the modern roundabout, project design history involving complex designs, and demonstrated ability to understand and design complex multi-lane roundabouts from a holistic approach. Scott currently provides continuous working relations for many state and local jurisdictions throughout the United States. He provides full roundabout designs, design modifications, evaluations, feasibility studies, safety and capacity audits, roundabout design guidelines, roundabout training, and design reviews with respect to the horizontal and vertical geometric design, signing, striping, lighting, landscaping, grading, and drainage of roundabouts.

Mr. Ritchie is also deeply involved with the public education of the modern roundabout. Scott has taught numerous roundabout educational design courses throughout North America, been involved with several roundabout design guides and committees, and written several roundabout publications for entities such as the TRB, ITE, MUTCD, NCHRP, LTAP, and others throughout the nation.

Recent Roundabout Training / Seminars / Public Lectures

- Thinking Through Roundabouts, ITE 2009 Annual Mtg, ITE Task Force Mtg, August, 2009 – San Antonio, TX
- Designing & Implementing Roundabouts 2-Day Workshop, Sponsored by ADOT, March, 2009 – Phoenix, AZ
- Roundabout Design for Operations, ITE 2009 National Technical Conference, March, 2009 – Phoenix, AZ
- Thinking Through Roundabouts, ITE/IMSAs Spring Conference, March, 2009 – Phoenix, AZ
- National Roundabout Training Conf Scott Ritchie, Educational, October 2008 & April 2009 – National Broadcast
- Arizona Statewide Development Team Conference, ADOT, October, 2008 – Phoenix, AZ
- T.E.A.M. St. Louis, MoDOT, St. Louis County, and City of Maryland Heights, October, 2008 – St. Louis, MO
- Institute of Transportation Engineers, National Roundabout Task Force, August, 2008 – Anaheim, CA
- 5 Presentations: Thinking Thru Rbts, HSAR, Design Guides, TRB National Conf., May 2008 – Kansas City, MO
- Designing & Implementing Roundabouts, ADOT & Nationwide Attendees, August 2007 – Prescott, AZ
- Public Education of Modern Roundabouts, Chino Valley, July 2007 – Chino Valley, AZ
- Roundabout Design & MnDOT State Guidelines, MnDOT, June 2007 – St. Paul, MN
- Designing & Implementing Roundabouts, WisDOT & Nationwide, March 2007 – Waukesha, WI
- Designing & Implementing Roundabouts, ADOT & Nationwide, November 2006 – Phoenix, AZ
- Pedestrian/Bicycle Conference, Pedalars Cycling Club, October 2006 – Reno, NV
- NV Bicycle & Pedestrian Conference, NDOT & Statewide Attendees, April 2006 – South Shore, NV
- Minnesota Roundabouts Conference, MnDOT & Nationwide, April 2006 – Brooklyn Center, MN
- Public Education of Modern Roundabouts, NDOT & Statewide, March 2006 – Carson City, NV
- High Speed Approaches At Roundabouts, NDOT & Statewide, March 2006 – Carson City, NV
- Roundabout Design Seminar for ADOT & Nationwide Attendees, March 2006 – Phoenix, AZ
- Introduction to Roundabout Projects, City of Chico, February 2006 – Chico, CA
- Roundabout Design Seminar for ADOT & Nationwide Attendees, January 2006 – Phoenix, AZ
- Introduction to Roundabout Projects, City Santa Cruz, November 2005 – Santa Cruz, CA
- Designing & Implementing Roundabouts, LADOT & Statewide, October 2005 – Los Angeles, CA
- Roundabout Design Workshop for CALTRANS, October 2005 – Bishop, CA
- Roundabouts for Public and Local Jurisdictions, August 2005 – Goodyear, AZ
- Multilane Roundabout Design, TRB National Roundabout Conference, May 2005 – Vail, CO
- High Speed Approaches at Roundabouts, TRB National Roundabout Conference, May 2005 – Vail, CO
- Roundabout Signing Guide, TRB National Roundabout Conference, May 2005 – Vail, CO
- Roundabout Design Training Using RODEL & U.K. Methods, Nationwide, May 2005 – Denver, CO
- Roundabout Design Seminar for ADOT & Nationwide Attendees, October 2005 – Phoenix, AZ
- Roundabout Design Seminar for ADOT & Nationwide Attendees, September 2005 – Phoenix, AZ
- Introduction to Roundabout Projects, City of Page, August 2005 – Page, AZ
- Designing & Implementing Roundabouts for ADOT & Nationwide, August 2005 – Phoenix, AZ
- Designing & Implementing Roundabouts for ADOT & Nationwide, July 2005 – Phoenix, AZ
- Roundabout Design Workshop, Nationwide Attendees, July 2005 – Avon, CO
- Roundabout Theory and Design with ITE, With Barry Crown, Nationwide, March 2005 – Irvine, CA
- Designing & Implementing Roundabouts, Barry Crown & Scott Ritchie, May 2005, – Sacramento, CA
- Roundabout Design Workshop, Leif Ourston and Scott Ritchie, July 2003 and July 2004, – Avon, CO
- Advanced Roundabout Design for Engineers, With Barry Crown, 2003 – Denver, CO
- Numerous City Council/Planning Commission Presentations, Scott Ritchie – Throughout United States