

# Howard M. McCulloch, P.E.

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**MISSION** To further the proper implementation of modern roundabouts through education, promotion, and policy development.

## EXPERIENCE NE ROUNDABOUTS

Owner, Averill Park, NY

03/03-PRESENT

- Designed 6 roundabouts in Colorado, 5 of which are multi-lane designs
- Designed a multi-lane roundabout in Ontario, Canada
- Presented roundabout training workshops in over 30 states
- Aided in the design of a single lane roundabout built in New London, New Hampshire in 2008
- Co-presented at 2 day roundabout design workshops for Maine DOT and Rhode Island DOT
- Provided 2 day roundabout training workshops for over 20 state transportation departments
- On-call roundabout design specialist for Louisiana Department of Transportation & Development
- Approved to provide roundabout peer reviews for Georgia DOT
- Only official SIDRA training representative currently listed for North America

## NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT)

Civil Engineer-I, Main Office Design Services Bureau, Albany, NY

09/98-PRESENT

- Statewide roundabout design specialist
- Reviews every NYSDOT roundabout design project
- Responsible for all roundabout training within NYSDOT
- Contributes towards roundabout design guidelines for NYS and throughout the US
- Assisted FHWA with roundabout project review and overview presentation in Montana
- Assisted FHWA with roundabout project review in Virginia
- Presented roundabout overviews in Massachusetts, Connecticut, and Pennsylvania
- Member of NCUTCD sub-committee responsible for recommending changes to the MUTCD
- Member of TRB committee on roundabouts
- Panel Chair for NCHRP 3-78B, which is studying ways to accommodate the visually impaired at roundabouts and channelized turn lanes

**EDUCATION** **The State University of New York Institute of Technology at Utica/Rome** *Utica, NY*  
*Bachelor of Science, Civil Engineering Technology, Transportation Emphasis,*  
*August '97, 3.4/4.0*

**Engineer-in-Training, April '99**

<b>COMPUTER SKILLS</b>	<i>SIDRA</i>	<i>Microstation</i>	<i>RODEL</i>	<i>MS Office</i>	<i>Corel Suite</i>
	<i>VISSIM</i>	<i>Synchro 7</i>	<i>AutoTrack</i>	<i>AutoTurn</i>	<i>AutoCAD</i>

**TRAINING** Attended roundabout training workshops by Barry Crown, Leif Ourston, Kittelson Associates, and Michael Wallwork. Attended multiple NHI training courses relating to Context Sensitive Design, Pedestrian and Bicycle Design, Public Spaces, and Public Participation.

**AWARDS** **2001** - NYSDOT "Excellence in Engineering" Award for contributions towards NYSDOT's roundabout initiative  
**2002** - Co-recipient of the ITE New York Upstate Section's Young Transportation Professional of the Year Award for safety improvements to an existing traffic circle using roundabout design principles. This project later won a 2003 FHWA / National Roadway Safety Award.