

# Howard M. McCulloch, E.I.T.

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

## **EXPERIENCE NE ROUNDABOUTS**

Owner, Cohoes, NY

03/03-PRESENT

- Designed 2 single lane roundabouts in Vermont
- Designed 6 roundabouts in Colorado, 5 of which are multi-lane designs
- Designed a multi-lane roundabout in Ontario, Canada
- Assisted with the design of 2 multi-lane roundabouts in Utah
- Presented roundabout training workshops in Massachusetts, Pennsylvania, Connecticut, and Utah
- Co-presented at 2 day roundabout design workshops for Maine DOT and Rhode Island DOT
- Provided (2) 2 day roundabout training workshops for New Jersey Department of Transportation
- Provided a 2 day roundabout training workshop for Virginia Department of Transportation
- Provided a 2 day roundabout training workshop for Nebraska Department of Roads
- Co-presented at a RODEL based design workshop in Denver, Colorado

## **NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT)**

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

09/98-PRESENT

- Statewide roundabout design specialist
- Review every NYSDOT roundabout design project
- Responsible for all roundabout training within NYSDOT
- Contribute towards roundabout design guidelines for NYS and 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 sub-committee for roundabouts
- Panel Member for NCHRP 3-78, 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>AutoCAD</i>	<i>Microstation</i>	<i>RODEL</i>	<i>MS Office</i>	<i>Corel Suite</i>
	<i>VISSIM</i>	<i>Synchro</i>	<i>AutoTrack</i>	<i>AutoTurn</i>	<i>SIDRA</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.