

## The Instructor

The trainer/consultant for the Roundabout Design & Roundabout Analysis Workshops, Howard McCulloch, PE has conducted numerous roundabout design and analysis workshops throughout the United States and works full time in the roundabout design field. Mr. McCulloch has designed roundabouts all over the country, including the award-winning re-design of the Latham Traffic Circle in New York State. Mr. McCulloch is prequalified to provide roundabout peer reviews for GDOT.

“Howard's approach to providing the assistance also has helped the... staff become more knowledgeable about roundabout design and analysis tools.”

“The valuable expertise that he brings to the roundabouts community within the United States is greatly appreciated.”

Jeffrey B. Shaw, P.E., PTOE, PTP  
FHWA Office of Safety  
Intersections Program Manager

## A Few Interesting Facts...

Between 1995 and 2013, in the State of Colorado alone, over 300 intersections have been converted to roundabouts.

Georgia has 120 roundabouts under design.

## 2 Day Roundabout Design Agenda Overview on March 18 & 19

### *Day One*

#### Lecture and Discussion

- ◆ Roundabout Safety Performance
- ◆ Roundabout Capacity Models
- ◆ Construction and Maintenance
- ◆ Signing and Striping
- ◆ Ped and Bicyclist Accommodations

### *Day Two*

#### Hands-On Design Training

- ◆ Single Lane Roundabouts
- ◆ 2 and 1 lane (major/minor)
- ◆ Multi-Lane Roundabouts

## 1 Day Roundabout Analysis Using SIDRA INTERSECTION on March 20

### *Topics Covered:*

- ◆ SIDRA INTERSECTION Version 6.0 Overview – now does Networks!
- ◆ Single Lane Example
- ◆ Two Lane Example
- ◆ Three Lane Example
- ◆ Roundabout Corridor
- ◆ Local Examples



# 2014 WORKSHOPS

## ROUNDABOUT DESIGN

&

## ROUNDABOUT ANALYSIS UTILIZING SIDRA INTERSECTION

WE WILL HELP YOU  
GET READY.

WWW.ROUNDABOUTS.CC

# NE ROUNDABOUTS

is pleased to announce that two separate workshops on roundabout design & roundabout analysis utilizing SIDRA INTERSECTION Version 6.0 are being held in Alpharetta, GA. These courses are appropriate for transportation planners, traffic engineers, public officials in charge of traffic control alternative evaluations and intersection/road design professionals. A brief description of the roundabout design course and the roundabout analysis course is below.

## ROUNDABOUT DESIGN

This two-day workshop is designed to familiarize attendees with the planning concerns, operational analysis, and current detailed design methods for modern roundabouts. No previous roundabout design experience is necessary to take this course.

## ROUNDABOUT ANALYSIS utilizing SIDRA INTERSECTION

This one-day workshop is designed to provide attendees with the skills necessary to properly perform capacity analysis for modern roundabouts utilizing SIDRA INTERSECTION Version 6.0.

No prior experience with SIDRA INTERSECTION is required. A computer with SIDRA INTERSECTION installed will be provided for each registrant.

### Personal Assistance

Each workshop will accommodate a limited number of registrants (28) in order to maximize personal assistance. Attendees are encouraged to bring roundabout design projects with peak hour turn counts in order to receive guidance as time permits.

Alpharetta, GA

March, 2014

### WORKSHOP LOCATION:

ATG Learning  
12600 Deerfield Parkway  
Alpharetta, GA 30004

### Registration

#### ROUNDABOUT DESIGN on 3/18 & 19

Private Consultant- \$600  
Public Sector Employee - \$500

#### ROUNDABOUT ANALYSIS on 3/20

Private Consultant- \$350  
Public Sector Employee - \$300

#### FOR BOTH DESIGN & ANALYSIS 3/18-20

Private Consultant- \$900  
Public Sector Employee - \$750

Cancellations are refundable only if notified 14 days in advance - \$50 processing fee will apply.

#### Send Registration Form with Payment to:

**NE ROUNDABOUTS**  
**2396 NY HWY 43**  
**AVERILL PARK, NY 12018**

A late fee of \$50 will be charged for registrations received after Mar. 6<sup>th</sup>, 2014.

**For questions about this workshop or having  
NE ROUNDABOUTS conduct a customized  
business/organization workshop  
e-mail: [round@roundabouts.cc](mailto:round@roundabouts.cc)**

Registration will be from 8:30 to 9:00 am each day and the training should end around 4:30 pm each day. Morning and afternoon snacks, as well as lunch, will be provided.

## ROUNDABOUT DESIGN and/or ROUNDABOUT ANALYSIS

**DESIGN - March 18 & 19, 2014**

**ANALYSIS - March 20, 2014**

**BOTH - March 18, 19 & 20, 2014**

Name(s) \_\_\_\_\_

Title \_\_\_\_\_

Name(s) \_\_\_\_\_

Title \_\_\_\_\_

Company or  
Organization \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

E-Mail \_\_\_\_\_

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