

REGISTRATION MAIL/FAX TO:

Tennessee Transportation Assistance Program
(Attn: Diana Webb)
Center for Transportation Research
The University of Tennessee
Suite 309, Conference Center Bldg.
Knoxville, Tennessee 37996-4133
Tel: 865-974-5255 Fax: 865-974-3889
Web: <http://ctr.utk.edu/ttap>

RETURN AS SOON AS POSSIBLE

DESIGN OF MODERN ROUNDABOUTS

(Copy and fill out one for each registrant)
(Please Print)

NAME _____
TITLE _____
ORGANIZATION _____
STREET ADDRESS _____
CITY _____ STATE/ZIP _____
PHONE _____ EMAIL _____
Please check appropriate boxes:-
 Free (city/county employees) \$120 (others)
 Check (Payable to The University of Tennessee)
 Cardholder's Name/Signature: _____
 Card No: _____ Expires: _____
 Security Code #: _____



REGISTRATION

This is a free workshop for all city or county employees. Pre-registration is required. The registration fee for other attendees is \$120 per person. TDOT employees must register through their local TDOT Training Office. Please note your employment status on the registration form. A course may be canceled if there is low enrollment. Forty-eight hours notice will be given to registrants if a course is canceled. Register early! Limited enrollment!

CANCELLATION POLICY

Due to commitments to our instructors and facilities, the registration fee is not refundable if a registrant withdraws less than forty-eight hours before the workshop. You may substitute registrants; please notify us in advance if possible. Please register early as attendance to our workshops have increased. We may not accommodate walk-ins on the day of the workshop.


HOW TO REGISTER

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Center for Transportation Research
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The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment and admission without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, genetic information, veteran status, and parental status.

DESIGN OF MODERN ROUNDABOUTS

May 2-3, 2023
Online Workshop
(Free for Local Agencies)

 THE UNIVERSITY OF
TENNESSEE
KNOXVILLE
CENTER FOR
TRANSPORTATION RESEARCH



309 Conference Center Bldg. • Knoxville, TN
37996 • Tel: 865-974-5255 • <http://ttap.utk.edu>

WHAT THIS IS ABOUT

Roundabouts have been successfully employed throughout the world for many years to provide safe and efficient intersection operations. In the United States we have been slow to understand the advantages of such intersections, as in 1995 there were only about one dozen roundabouts in the entire country. Today, however, roundabouts have become very popular, with their number growing to over 2300. The primary purpose of this course is to increase the understanding and awareness of the many advantages of roundabouts, and thereby to increase their popularity and usage. This will be accomplished by discussing roundabout operational and safety advantages, with a focus on the conditions where roundabouts are the preferred solution, and to present the fundamental design principles. This will include discussion of roundabout geometric design elements, associated roadway design considerations, and the basic design checks and measurements.

OBJECTIVES

Upon completion of the course, the participants will possess a fundamental understanding of:

- the different types of rotary intersections and their uses
- the advantages of modern roundabouts
- roundabout general design principles and considerations
- roundabout design elements, design checks and measurements
- roadway design considerations for roundabouts
- other roundabout related design considerations including pedestrian and bicycle provisions, signing and pavement marking, street lighting, and landscaping

WHEN & WHERE

May 2-3, 2023

9:30am-12:30pm Eastern

Online Workshop

(Instructions will be emailed to you when you register for the workshop)

WHO SHOULD ATTEND?

This course is appropriate for local and state government engineering, planning and public works employees, consulting personnel, and others involved in the evaluation and design of roadway and intersection improvements. The workshop material will serve as an excellent source of current information for people with different levels of experience and participation in the subject matter, and could even prove valuable for administrators, politicians and others whose involvement is more at the policy and/ or decision making levels.

INSTRUCTOR

Alan L. Childers, P.E.

Mr. Childers, P.E., is a Senior Transportation Engineer for the engineering firm of Cannon & Cannon, Inc., located in Knoxville, Tennessee. He holds B.S. and M.S. degrees in Civil Engineering from the University of Tennessee, and has over forty years experience in Traffic Engineering and Roadway Design, with both public and private agencies. Mr. Childers has also served as an Adjunct Assistant Professor with the University of Tennessee Department of Civil Engineering, teaching Transportation Engineering and Geometric Design Courses.

TENNESSEE ACADEMY FOR TRANSPORTATION ENGINEERING (TATE)

The Tennessee Academy for Transportation Engineering (TATE) is an educational program providing continuing education for engineers, planners, designers and technicians. The program focuses on the basic design of transportation facilities, the evaluation of traffic operations, and the collection of data to support various transportation studies. Successful completion of the required curricula of core and elective courses, confers TATE certification. For more information, contact Frank Brewer at 865-974-5255.

PDHs AVAILABLE

6 Professional Development Hours (PDHs) can be granted for this course.

AGENDA

May 2, 2023

9:30am - 12:30pm Eastern

- Opening Remarks and Class Overview
- Introduction to Rotary Intersections
- Planning, Operational and Safety Considerations
- General Design Principles and Considerations

May 3, 2023

9:30am - 12:30 pm Eastern

- Geometric Design Elements
- Design Checks and Measurements
- Roadway Design Considerations for Roundabouts
- Other Design Considerations for Roundabouts
- Review/Discussion/Conclusion

** Please inform us if you want to receive credit for the course toward the Tennessee Academy for Transportation Engineering Certificate.*