

**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: ttap.utk.edu

**RETURN AS SOON AS POSSIBLE**

DESIGN OF AT GRADE INTERSECTIONS  
(Copy and fill out one for each registrant)  
(Please Print)

NAME \_\_\_\_\_  
TITLE \_\_\_\_\_  
ORGANIZATION \_\_\_\_\_  
STREET ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ STATE/ZIP \_\_\_\_\_  
PHONE \_\_\_\_\_ EMAIL \_\_\_\_\_  
Please check appropriate boxes:  
 \$120 (Other)  \$45 (Employee of City or County)  
 Check (Payable to The University of Tennessee)  
Cardholder's Name/Signature: \_\_\_\_\_  
Card No: \_\_\_\_\_ Expires: \_\_\_\_\_  
Security Code # \_\_\_\_\_



**REGISTRATION**

The registration fee is \$120 per person. A city or county employee is eligible for a **TTAP scholarship** registration fee of **\$45**. TDOT employees must register through their local TDOT Training Office at least 10 working days in advance. 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 has increased. We may not accommodate walk-ins on the day of the workshop.

**HOW TO REGISTER**

Register online or fax/mail to the address below:

Center for Transportation Research  
(Attn: Diana Webb)  
The University of Tennessee  
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**DESIGN OF AT-GRADE INTERSECTIONS**

**May 17-18, 2022  
Online Workshop**



309 Conference Center Bldg. | Knoxville, TN 37996 | Tel: 865-974-5255 | ttap.utk.edu

## WHAT THIS IS ABOUT

This workshop will introduce participants to the key concepts, procedures and standards involved in the Design of At-Grade Intersections. Topics covered will include the basics of intersection design: intersection capacity, design criteria and controls, sight distance and geometric design elements. Additional focus will be given to other important issues, including turn lane design, channelization, pavement marking, modern roundabouts, accommodating bicycles and accommodating pedestrians. All of these topics will be presented in relation to their direct application to the design of at-grade intersections. Participants will have opportunity to share opinions and personal experiences in order to broaden the classroom experience.

## WHO SHOULD PARTICIPATE

Local and state government employees, consulting engineers, and others with an interest or involved in the design of streets and roadways.

## WHEN-WHERE

**May 17-18, 2022**

(9:30 am-12:30 pm Eastern)

**Online Workshop** (Instructions will be emailed to you when you register for the workshop.)

## INSTRUCTOR

***Alan L. Childers, P.E.***

Mr. Childers, P.E., is a Vice President of the Transportation Group 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 thirty 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 Dr. Airton Kohls at 865-974-5255.

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.

## PDHs AVAILABLE

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

## AGENDA

### May 17, 2022

**(9:30 am-12:30 pm Eastern)**

- Introduction and Class Overview
- Intersection Capacity and Safety
- Design Criteria and Controls
- Intersection Sight Distance
- Geometric Design Elements

### May 18, 2022

**(9:30 am-12:30 pm Eastern)**

- Turn Storage and Acceleration/Deceleration Lanes
- Intersection Channelization
- Modern Roundabouts
- Accommodating Bicycles and Pedestrians
- Emerging Innovations and Other Issues

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