## REGISTER ONLINE /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://ttap.utk.edu

**RETURN AS SOON AS POSSIBLE**

**GEOMETRIC DESIGN FOR 2-LANE ROADS AND STREETS**
(Copy and fill out one for each registrant)
*(Please Print)*

NAME _____
TITLE _____
ORGANIZATION _____
STREET ADDRESS _____
CITY _____ STATE/ZIP _____
PHONE _____ EMAIL _____

Please check appropriate box: **9NOTE: LUNCH NOT PROVIDED)**
☐$45 (Employee of city or county)
☐$120 (Other)

Check (Payable to The University of Tennessee)
☐ ☐ ☐
Cardholder's Name/Signature: _____ Security Code _____ Expires: _____
Card No: _____

## REGISTRATION

The registration fee is $120 per person. A city or county government employee is eligible for a TTAP scholarship registration fee of $45. TDOT employees must register through their local TDOT Training Office. Please note your employment status on the registration form. The workshop fee includes ONLY materials and coffee breaks. **(NO LUNCH PROVIDED)** 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

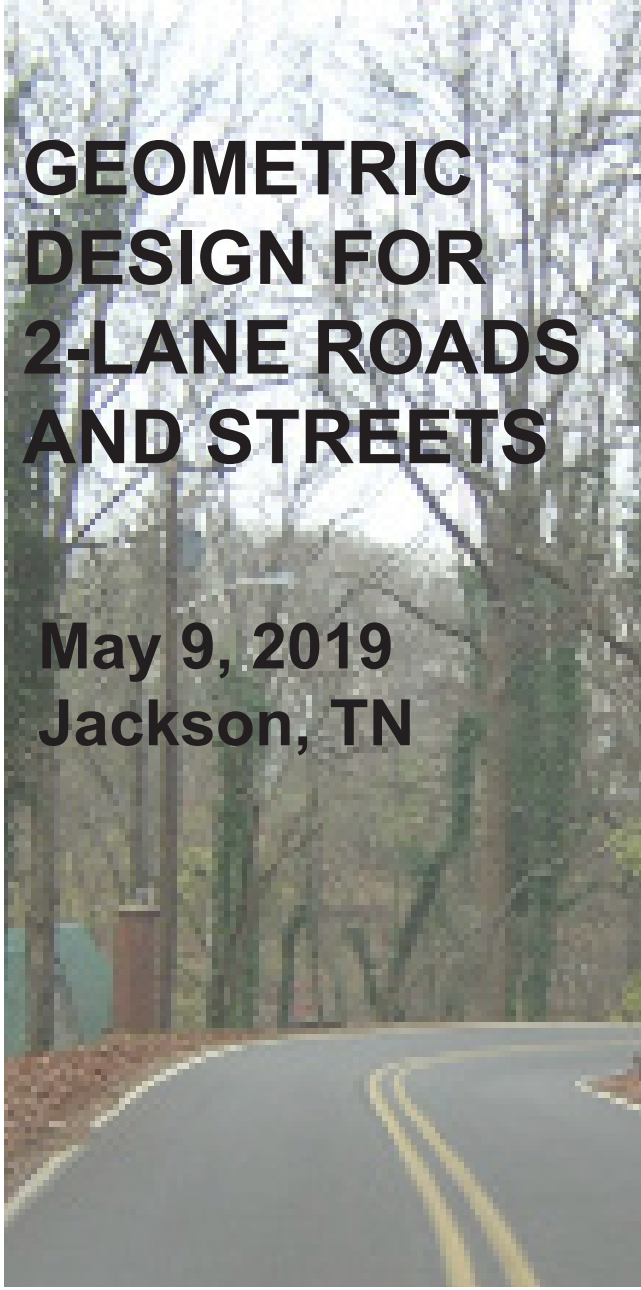
Due to commitments to our instructors and facilities, the registration fee is not refundable if a registrant withdraws less than forty-eight hours before the workshop. You may substitute registrants; please notify us in advance if possible. Please register early as attendance to our workshops have increased.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

## HOW TO REGISTER

**Register online or fax/mail to the address below:**

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

# GEOMETRIC DESIGN FOR 2-LANE ROADS AND STREETS



## May 9, 2019
## Jackson, TN

THE UNIVERSITY OF TENNESSEE KNOXVILLE
CENTER FOR TRANSPORTATION RESEARCH

TTAP

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

## WHAT THIS IS ABOUT?

This course provides a basic overview of the design of two-lane roads. These facilities account for the vast majority of mileage in both urban and rural areas nationwide. The course presents basic design controls, covers basic geometric design principles, and addresses drainage, earthwork, and pavements.

## OBJECTIVES

Upon completion of the course, the participants will
possess a basic knowledge of:

- design controls for 2-lane roads,
- location principles,
- horizontal and vertical alignment design,
- cross-section elements, and
- basic concepts for drainage, earthwork, and pavements.

## WHO SHOULD ATTEND?

This course is for city and county public works employees, consulting personnel, and others involved in traffic engineering or the design of local and collector roadways.

## WHEN & WHERE

***May 9, 2019 (Jackson, TN)***
UT West TN Research & Education Center
(Room B)
605 Airways Blvd.
Jackson, TN 38301
Tel: 731-424-1643 for directions

## 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)

This course is one of six courses that form the **core requirement** for the Tennessee Academy for Transportation Engineering (TATE) certificate. TATE provides 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

| | |
|---|---|
| 8:00am | Registration |
| 8:30am | Introduction and course objectives |
| 8:45am | Elements of the roadway system |
| 9:30am | Design controls |
| 10:00am | Break |
| 10:15am | Roadway cross-section |
| 10:45am | Roadway location |
| 11:15am | Horizontal alignment |
| 12:00pm | Lunch (**on your own**) |
| 12:45pm | Horizontal alignment exercise |
| 1:15pm | Vertical alignment |
| 2:00pm | Break |
| 2:15pm | Vertical alignment exercise |
| 2:45pm | Earthwork |
| 3:15pm | Drainage |
| 3:45pm | Pavements |
| 4:30pm | Adjourn |
| 4:35pm | *Written Exam |

** For participants who want to receive credit for the course toward the Tennessee Academy for Transportation Engineering Certificate.*