### 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**

### REGISTRATION

The registration fee is \$120 per person. 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

Woh: otrutk odulttan

Web: ctr.utk.edu/ttap

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.

# URBAN STREET DESIGN COMPLETE STREETS



November 19, 2019 Memphis, TN





TRANSPORTATION RESEARCH

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

### WHAT THIS IS ABOUT?

The art of street design in urban areas has evolved to a significant degree in recent decades. No longer are we almost singularly focused on designing for motorized traffic, but there is recognition that other users such as pedestrians, bicyclists and transit riders both desire and deserve reasonable and safe accommodation. This class will explore current thinking that has driven this revolution, and introduce key concepts and standards such as Complete Streets, Accessibility (ADA/PROWAG) and NACTO Urban Street Design. Other urban street design considerations to be discussed include Traffic Calming, Signalization, Roundabouts and Road Diets.

### **OBJECTIVES**

Upon completion of the course, the participants will possess a basic knowledge of each of the following component areas of today's thinking regarding urban streets: Complete Streets, Accessibility (ADA/PROWAG) and NACTO Urban Street Design, as well as the related topics of Traffic Calming, Signalization, Roundabouts and Road Diets. This improved understanding will hopefully contribute to improved statewide decision making in regards to the planning of future roadway improvements.

### 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.

### **PDHs AVAILABLE**

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

### WHEN & WHERE

November 19, 2019 (Memphis, TN)

Shelby County Engineering Building 6449 Haley Road Memphis, TN 38134

Tel: 901-4430-4430 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 TRANS-PORTATION 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.

# **AGENDA**

8:00 am 8:30 am 8:45 am 9:15 am	Registration Introduction to Urban Street Design Design Controls and Key Definitions Street Design Elements:
	a) Elements common to all streets     b) Additional elements for     urban streets
9:45 am 10:00 am 10:15 am	Complete Streets – An Overview Break Pedestrian Facilities and Accessibility (ADA & PROWAG)
11:30 am 12:30 pm 1:30 pm 2:00 pm	Lunch (on your own) Bicycle Facilities on Urban Streets Transit Service on Urban Streets Break
2:15 pm 3:15 pm	NACTO Urban Street Design Guidance Other Safety and Operational
	Considerations: a) Traffic Calming
	<ul><li>b) Signalization</li><li>c) Roundabouts</li><li>d) Road Diets</li></ul>
4:00 pm 4:05 pm	Adjourn *Written TATE Exam (Optional)

<sup>\*</sup> For participants who want to receive credit for the course toward the Tennessee Academy for Transportation Engineering Certificate.