

REGISTRATION

The registration fee is \$120 per person. A Tennessee city or county 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 covers the cost of breaks and lunch. Please let us know of any special dietary needs. 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

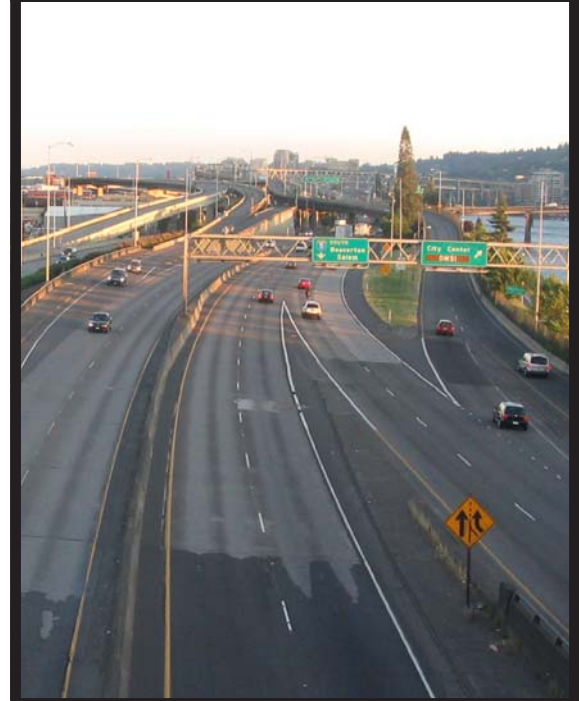
Fill out the attached registration form and fax/mail to the address below:

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

MAIL/FAX REGISTRATION TO:	
Tennessee Transportation Assistance Program (TTAP) Attn: Diana Webb Center for Transportation Research The University of Tennessee Knoxville, Tennessee 37996-4133 Tel: 865-974-5255 Fax: 865-974-3889 Web: ctr.utk.edu/ttap	
RETURN AS SOON AS POSSIBLE	
HCA - UNINTERRUPTED FLOW (Copy and fill out one for each registrant)	
(Please print)	
NAME: _____	STATE/ZIP: _____
TITLE: _____	EMAIL: _____
ORGANIZATION: _____	
STREET ADDRESS: _____	
CITY: _____	
PHONE: _____	FAX: _____
Please check appropriate box: <input type="checkbox"/> \$45 (Employee of Tennessee City or County) <input type="checkbox"/> \$120 (Others)	
Payment by: <input type="checkbox"/> Check (payable to The University of Tennessee) <input type="checkbox"/> Cardholder's Name/Signature <input type="checkbox"/> Card No: _____ Expires: _____	

HCA - UNINTERRUPTED FLOW

April 15, 2010 (Nashville)



Sponsored By:

Center for Transportation Research
The University of Tennessee



WHAT THIS IS ABOUT

This workshop provides an introduction to the analysis of capacity and level of service on roads operating under uninterrupted flow conditions, including freeways and rural highways. The presentation covers freeways, multilane roads, two-lane roads, and weaving sections. The workshop will focus upon analytic approaches described in the Highway Capacity Manual, though alternate approaches will be described.

This workshop is part of a two class sequence addressing highway capacity analysis. The workshops may be taken separately or in sequence.

OBJECTIVES

As a result of the training, the attendees will be able to:

- describe the theoretical relationships between volume, speed, and density on roads operating under uninterrupted flow conditions
- define capacity and level of service measures for these roads
- apply the Highway Capacity Manual methodology for analysis of capacity and level of service

WHEN-WHERE

April 15, 2010 (Nashville)

Ellington Agricultural Center

UT Extension Office

5201 Marchant Drive

Nashville, TN 37211-5112

Tel: 615-832-6550 for directions

<http://state.tn.us/agriculture/administ/eac2.html>

WHO SHOULD ATTEND?

Traffic engineers, transportation planners, and others who require a better understanding of highway capacity and level of service analysis. Attendees should bring a calculator to aid with case study exercises.

INSTRUCTOR

Dr. David B. Clarke, P.E., Research Associate Professor, UT-Knoxville

Dr. Clarke has over 28 years experience in the transportation engineering profession, including research, design, and education. He has taught traffic engineering operations, including highway capacity analysis and traffic flow theory, at the college level and regularly presents workshops to professional audiences. His research has, for many years, had a focus on the capacity of transportation modes of all types, including highways. Dr. Clarke received his Ph.D. in Civil Engineering from UT-Knoxville. He is a licensed professional engineer in several states.

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. It focuses on the basic design of transportation facilities, the evaluation of traffic operations, and the collection of data to support various transportation studies. This course is part of the curricula for the Tennessee Academy for Transportation Engineering (TATE) Certificate. Successful completion of the required curricula of core and elective courses confers TATE certification. For more information, contact Frank Brewer at 865-974-5255.

CEUs/PDHs AVAILABLE

0.6 Continuing Education Units (CEUs)/6 Professional Development Hours (PDHs) can be granted for this course. A \$10 administrative fee is required if you want your CEUs registered with the University of Tennessee.

AGENDA

8:00am	Registration
8:30am	Introduction
8:45am	Capacity and Level of Service Concepts for Uninterrupted Flow Facilities
9:40am	Analysis of Freeway and Multilane Highway Segments
10:30am	Freeway and Multilane High- way Case Studies
11:30am	Lunch
12:30pm	Analysis of Two-lane Rural Roads
1:30pm	Two-lane Rural Road Case Studies
2:30pm	Weaving Section Analysis and Ramp Analysis
3:30pm	Weaving Section and Ramp Analysis Case Studies
4:30pm	Adjourn
4:35pm	*Written Exam

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