



*A Local Technical Assistance Program - LTAP*

# **ALABAMA TECHNOLOGY TRANSFER CENTER**

**AT AUBURN UNIVERSITY**

*Presents a Seminar on*

## **Roadway Departure and Horizontal Curve Treatments**

<b>Mobile</b>	<b>Montgomery</b>	<b>Pelham</b>	<b>Huntsville</b>
<b>October 16, 2018</b>	<b>October 17, 2018</b>	<b>October 25, 2018</b>	<b>October 26, 2018</b>

This seminar provides participants with a diverse set of tools for addressing roadway departure crashes. Topics covered will be the scope and nature of the problem. Identifying and selecting countermeasures and implementation strategies will be discussed. Whereas, roadway departure crashes are over-represented at horizontal curves, additional emphasis is provided on methods and approaches to address these crashes. The majority of countermeasures presented, fall within the low cost category. Strategies and countermeasures are agency vetted and/or research based. Documents used include, but are not limited to, NCHRP Report 500 series, 600 series, AASHTO's Roadside Design Guide, and the 2009 Edition of the MUTCD.

The target audience for the course includes Federal, State, and local highway engineers, consulting highway design engineers, engineering assistants, as well as, public works superintendents, and supervisors. This training program is intended for individuals that have the responsibility for identifying, recommending, selecting, installing, and/or maintaining appropriate countermeasures (including traffic control devices) for the improvement of highway safety, namely safety associated with mitigating roadway departure crashes and severities.

Please complete and return the enclosed registration form. A fee of \$175.00 per person should be mailed with your registration. Payment may be made by phone or fax if paying with a credit card or government agency purchase order. Registrants are reminded that registration is not complete until payment is made. The registration fee includes handout materials, break refreshments, lunch and a certificate of participation. Thank you for your continued support of the Alabama Technology Transfer Center.

## **Seminar Instructors**

### **Tori Brinkly**

Highway Safety Engineer, FHWA Resource Center - Safety and Design Technical Service Team

Ms. Brinkly is an Oregon-licensed PE with a BS in Civil Engineering from Cal Poly San Luis Obispo. In 2001, Tori became the Highway Safety Engineer at Western Federal Lands Highway Division (WFLHD). At WFLHD she reviews project plans and provides technical support to the office and client agencies in the areas of traffic and safety. In addition, Tori works with her counterparts in the other Federal Lands Highway (FLH) offices on safety initiatives for both FLH staff and Federal Land Management Agency partners. In 2017 Tori became a certified National Highway Institute Instructor teaching roadside safety design courses with FHWA staff from the Resource Center.

### **Timothy C. Taylor**

Sr. Highway Safety Engineer, FHWA Resource Center - Safety and Design Technical Service Team

Mr. Taylor is a licensed PE in Alabama and joined Federal Highway Administration (Resource Center) as a Highway Safety Engineer 8 years ago after 27 years with Alabama Department of Transportation (ALDOT). Timothy served as State Traffic Engineer in the central office of ALDOT for 11 years. He was responsible for all traffic control device specifications, standards, and designs statewide, as well as, permit work, contract maintenance, and statewide programs. In addition, Timothy has worked in project management, construction, and district operations. He has experience and management over diverse Federal Aid and State projects including roadway construction, bridge, highway enhancement safety and intersection improvements, 4R/3R, and interchange improvements.

## **Seminar Topics**

- Introduction and Overview of Roadway Departure Problem
- Case Study Exercise
- Markings, Signing, and Delineation
- Providing Friction
- Rumbles and Rumble Stripes
- Recovery Area
- Crash Mitigation Exercise
- Minimizing Roadway Departure Severity

## **Seminar Schedule**

8:00 a.m.	Registration & Check-In (Coffee)
8:30 a.m.	Call to Order, Welcome, Seminar Objectives
10:15 a.m.	BREAK
12:00 Noon	LUNCH
1:00 p.m.	Seminar Instruction Continues
2:15 p.m.	BREAK
4:00 p.m.	Seminar Evaluations, Certificates, Adjournment

## **Locations**

### **Mobile, October 16, 2018**

Hampton Inn & Suites Providence Park  
525 Providence Park Drive  
Mobile, AL 36695  
**251-776-5866**

### **Montgomery, October 17, 2018**

Hilton Garden Inn Montgomery - East Chase  
7665 East Chase Parkway  
Montgomery, AL 36117  
**334-244-0101**

### **Pelham, October 25, 2018**

Pelham Civic Center  
500 Amphitheater Road  
Birmingham, AL 35124  
**205-620-6488**

### **Huntsville, October 26, 2018**

Holiday Inn - Research Park  
5903 University Drive  
Huntsville, AL 35816  
**800-845-7275**

## ***Continuing Education Units***

Participants completing this seminar will receive 0.60 Continuing Education Units (CEUs). The CEU is a nationally accepted measure of continuing education credit and is awarded at the rate of one CEU for each ten contact hours of qualifying instruction. Auburn University makes every effort to ensure that the CEU granting programs conform to the requirements of the State of Alabama Board of Licensure for Professional Engineers and Land Surveyors for the award of Professional Development Hours to support the annual renewal of professional licensure.

## ***Sponsorship***

This seminar is one of the series of conferences and workshops being conducted as part of the Alabama Technology Transfer Center at Auburn University. This program is a part of the Local Technical Assistance Program (LTAP) supported by the Federal Highway Administration, the Alabama Department of Transportation, and Auburn University.

This seminar is the 361st offered, with more than 45,000 attendees, since the program's inception in 1983. The Alabama Technology Transfer Center is administered at Auburn University through the Engineering Continuing Education office and the Department of Civil Engineering. For further information and suggestions for future programs, contact Rod Turochy, Department of Civil Engineering, at 334-844-6271 or [rodturochy@auburn.edu](mailto:rodturochy@auburn.edu).

## ***Accommodation of Participants with Disabilities***

It is the policy of Auburn University to provide accessibility to its programs and reasonable accommodation for persons defined as having disabilities under the Americans with Disabilities Act of 1990. Please contact us at least two weeks prior to the event so that proper consideration can be given to any special needs.

## ***Cancellation Policy***

We understand that circumstances may arise that could require you to cancel your registration, and we make every effort to accommodate your needs. Due to commitments to our instructors and facilities, the registration fee is not refundable if a registrant withdraws less than five working days before the seminar. You may substitute registrants; please notify us in advance if possible. Non-paid, no show registrants will be invoiced for the full cost of the seminar. Engineering Continuing Education reserves the right to cancel or modify any program offering, but will provide registrants the option of a full refund. Auburn University will not be responsible for expenses incurred by a registrant as the result of a cancelled or rescheduled program.

## ***Registration***

Your pre-paid registration guarantees you a seat in the seminar as well as information on any changes to the seminar. Registration on the day of the seminar will be accepted on a space available basis, but enrollment will close when the capacity of the seminar is reached. **Participants are reminded that registration is not complete until payment is received.**

**ONLINE REGISTRATION AT:** [WWW.ENGCE.AUBURN.EDU](http://WWW.ENGCE.AUBURN.EDU)

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Mobile, October 16, 2018     Montgomery, October 17, 2018     Pelham, October 25, 2018     Huntsville, October 26, 2018

Name \_\_\_\_\_

Employer \_\_\_\_\_ Position \_\_\_\_\_

DOT Division/Bureau \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip+4 \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_

**Fee: \$175.00**

Payment by:     Check (Payable to Auburn University)

Visa    MasterCard    American Express    Discover    P O # \_\_\_\_\_

Credit Card # \_\_\_\_\_

Security Code\* \_\_\_\_\_ Expiration Date \_\_\_\_\_

(\*VISA/MC/DISC - three digit code on back; AMEX - four digit code on front)

Cardholder's Name \_\_\_\_\_

Signature \_\_\_\_\_

Are you an Auburn Alumnus?    Yes     No

**Return Registration Form and Payment to:**  
  
Engineering Continuing Education  
202 Ramsay Hall  
Auburn, AL 36849-5375  
Phone 1-800-446-0382 or 334-844-4370  
Fax 334-844-5715  
[www.engce.auburn.edu](http://www.engce.auburn.edu)

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