



Alabama Transportation Assistance Program  
presents a workshop

# Guardrail Inspection, Maintenance, and Installation

Instructed by Scott Tison

**Mobile**  
**June 3, 2025**

**Auburn**  
**June 5, 2025**

This workshop addresses decision making criteria such as guardrail warrants, clear zones, length of need, topographical challenges, soil support, depth, deflection rates, mounting heights, maintenance planning and damage assessment. This course also covers various types of guardrail hardware and focuses on the various end treatments designed to meet both ALDOT Standards and the Manual for Assessing Safety Hardware (MASH) crash testing requirements. Additional focus will be placed on proper transitions between guardrail systems and bridge sections. This training benefits the engineers in making data-driven decisions regarding placement and maintenance of guardrail devices. Field technicians will learn inspection keys, proper maintenance and safety techniques for field work. Course components include:

- Explain the history and purpose of different guardrail systems
- Describe the varied components of a guardrail system
- Describe information related to NCHRP 350 and MASH
- Describe the clear zone concept
- List the factors that can impact the clear zone distance
- Describe maintenance requirements and procedures for guardrail and cable barriers
- Discuss soil support challenges

This six hour workshop has a **maximum of 40 participants** in each workshop. The cost of the workshop is \$175.00. Please register at <https://aub.ie/2025-06-guardrails>. The registration fee includes handout materials, break refreshments, lunch and a certificate of participation. Participants completing this workshop will receive 0.60 Continuing Education Units (CEUs), 6.0 Professional Development Hours (PDHs). Certificates of participation will be issued the day of the event. Thank you for your continued support of the Alabama Transportation Assistance Program.

## ***Workshop Instructor***

### **Scott Tison**

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Scott Tison, Associate Director of Technical and Training Assistance for the Alabama Transportation Assistance Program (ATAP), is one of the nation's foremost subject matter experts in construction safety (work zones), roadside appurtenances, and transportation materials. Mr. Tison has worked with various LTAP Centers across multiple states. Mr. Tison is a member of several Transportation Research Board Committees, including Traffic Control Devices (ACP 55), Tison is also a member of the National Committee on Uniform Traffic Control Devices (MUTCD) and has assisted the American Association of State Highway and Transportation Officials (AASHTO) with developing their T3 Curriculum.

### ***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 workshop. 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 workshop. ATAP reserves the right to cancel or modify any program offering but will provide registrants with 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 workshop.

### ***Locations***

#### **Mobile, June 3, 2025**

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

#### **Auburn, June 5, 2025**

Auburn University  
Shelby Center, McCartney Suite  
345 W Magnolia Ave #3206  
Auburn, AL 36849

### ***Workshop Times***

8:30 am – 9:00 am  
9:00 am – 12:00 pm  
12:00 pm – 1:00 pm  
1:00 pm – 4:00 pm

Registration Opens  
Workshop  
Lunch  
Workshop