



Engineering Continuing Education  
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2018  
Alabama  
Rural Road Safety  
Conference

October 2 - 4, 2018



Host Location  
Lake Guntersville State Park Lodge  
1155 Lodge Drive  
Guntersville, AL 35976

Federal Highway Administration  
Alabama Department of Transportation  
Alabama Technology Transfer Center  
And the Department of Civil Engineering

# AUBURN UNIVERSITY SAMUEL GINN COLLEGE OF ENGINEERING

*presents the*

## 2018 ALABAMA RURAL ROAD SAFETY CONFERENCE

October 2 - 4, 2018

### About the Conference

The 2018 Alabama Rural Road Safety Conference is for city engineers, county engineers, public works officials, transportation planners, DOT personnel, and others who are responsible for the design, maintenance, and safety of rural roads. This year's conference is to strengthen your knowledge of available tools, countermeasures, and processes to improve safety on your roads. The Conference will highlight methods to identify rural road safety issues and appropriate countermeasures by utilizing real world examples and activities, which will prepare participants to apply the concepts learned to roadway operations and maintenance. This year's Conference will be a joint meeting with the Alabama Section of ITE.

The Conference agenda was developed to emphasize the implementation of the safety process through all stages of roadway planning, design and operations through practical guidance specifically geared to local/rural roads.

Topics include:

- Based on Crash Analysis, Selecting the Correct Countermeasure
- Application of High Friction Surface Treatments
- Performing a Meaningful Safety Analysis with a Limited Data Set
- A Workshop on Developing a Safety Plan for a County
- Rail Crossing Preemption with Traffic Signals
- Adaptive Signals

Participants will learn how to identify safety issues as well as develop and apply low cost solutions using proven countermeasures. Peer networking during the Conference will provide opportunities for discussion of various safety challenges and potential solutions.

## Location and Schedule

The conference will be held at Lake Guntersville State Park Lodge, located at 1155 Lodge Drive, Guntersville, AL 35976. Information on accommodations is listed later in the brochure.

## Registration and Fee

Registration and check-in will be held from 8:00 a.m. to 12:00 p.m. in the Main Lobby the State Park Lodge on October 2, 2018.

All persons attending the conference must register. The registration fee of \$175 includes all sessions, program materials, refreshment breaks, reception, two breakfasts, one lunch, and one dinner. To register, please complete the attached registration form and return it to the address indicated or call us at (800)446-0382, (334) 844-4370 or FAX (334) 844-5715. On-line registration is available at: [www.eng.auburn.edu](http://www.eng.auburn.edu).

## Participants with Disabilities

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

## Cancellation Policy

Due to commitments to our speakers and facilities, the registration fee is non-refundable if a registrant withdraws less than five business days before the program starts. Substitutions may be made at any time, please notify us in advance if possible. No-shows will be liable for the entire conference fee.

Auburn University reserves the right to cancel any program due to insufficient registrations. This decision is usually made no later than five business days prior to the event. If a program is cancelled for any reason, all fees will be refunded. Auburn University will not be responsible for travel expenses incurred by a registrant as the result of a cancelled program.

## Continuing Education

Participants in the conference will be able to earn up to twelve (12) hours of continuing education. Auburn University makes every effort to ensure that its technical 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.

## Program Handouts

Handouts of the material presented at each session will be available for download two weeks after the conference. Presentations can be downloaded at <http://www.alabamat2.org>.

## Program Committee

**John-Michael Wallker**  
**ALDOT State Traffic and Safety**  
**Operations Engineer**  
**Design Bureau**

**Waymon Benifield**  
**ALDOT Safety Management Administrator**  
**Design Bureau**

**Stuart Manson**  
**ALDOT Traffic and Safety Operations**  
**Design Bureau**

**Linda Guin**  
**Safety Engineer, Alabama Division, FHWA**

## Auburn University

**Larry Sellers**  
**Garry Havron**  
**Addie Balch**  
**Rod Turochy**

## Tuesday, October 2, 2018

8:00 - Registration

12:00

1:00 - Welcome and Introduction

1:30 John Cooper, Transportation Director, ALDOT, Invited  
Mark Bartlett, Alabama Division Administrator, FHWA, Invited  
President (TBD), Association of County Engineers of Alabama, Invited

1:30 - Update on STACC Program

2:00 Linda Guin, Safety and Technology Engineer, Alabama Division, FHWA

2:00 - GIS Safety Applications

3:00 Taylor Proulx, Programmer Analyst Associate, GIS and Engineering Support Section Team, ALDOT

2:30 - CARE Update

3:00 Jesse Norris, Senior Research Analyst Center for Advanced Public Safety

3:00 Break

3:30 - Selecting Correct Countermeasures

5:00 based on Crash Analysis  
Jennifer Atkinson, Portfolio Director, Surface Transportation Solutions, Leidos

6:00 Reception

## Wednesday, October 3, 2018

6:30 - Breakfast

8:30

8:30 - Application of High Friction Surface

9:15 Treatments  
Frank Julian, FHWA, Retired

9:15 - Performing Safety Analysis with a Limited

10:00 Data Set  
Robert Hull, Senior Transportation Safety Engineer and Planning Manager, Cambridge Systematics, Inc.

10:00 Break

10:30 - Workshop: Developing a County Safety

12:00 Plan  
Danena Gaines, Senior Associate, Integrated Planning and Policy Cambridge Systematics, Inc.

12:00 Lunch

1:30 - Workshop, continued

3:00

3:00 Break

3:30 - Elmore County Safety Plan

4:00 Luke McGinty, Deputy Chief Engineer, Elmore County

4:00 - Rural Road Speed Management

5:00 Techniques  
Craig Allred, FHWA

6:00 Dinner

## Thursday, October 4, 2018

6:30 - Breakfast

8:30

8:30 - Rail Preemption at Signalized

9:15 Intersections  
Richard Caudle, Skipper, Inc.

9:15 - The Pro's and Con's of Adaptive

10:00 Signals  
Alex Haimen, Assistant Professor, Civil, Construction and Environmental Engineering, University of Alabama

10:00 Break

10:30 - State of ITS in Alabama

11:15 Chris Hilyer  
State TSMO Engineer, ALDOT

11:15 - Drowsy Driving

12:00 Curtis Summerville, Trooper  
Alabama Law Enforcement Agency

12:00 Lunch (ALSITE)

1:00 - ALSITE Business Meeting

2:30

## ACCOMMODATIONS

Participants are responsible for making their own lodging arrangements. A block of rooms has been reserved at the Lodge. To make reservations, call 256-505-6621 or online at [www.alapark.com/lakeguntersville](http://www.alapark.com/lakeguntersville). To ensure you receive the special rate, mention the **Local Road Safety Summit GROUP CODE 7127**. Rates are as follows and are subject to lodging tax, city and state surcharges, as well as a 3% resort fee. The rates are per night. The rates reflect occupancy by up to two people. There is a \$10 per person charge for more than two people per room. Check-in begins at 4:00pm; check-out is any time before 11:00am.

### Rates

Single Queen Room - \$78, plus taxes and fees  
 Double Queen Room - \$91, plus taxes and fees  
 Cabins - \$132 plus taxes and fees  
 Chalets - \$112, plus taxes and fees

### Additional features of the Park:

- ☀ 36 miles of walking trails available. The trails are rated from easy to moderate to difficult.
- ☀ Championship golf course designed by Jerry Pate. Green fees are \$32.00 per person which includes 18 greens and a cart.
- ☀ Zero-entry family pool, indoor steam room and separate sauna.
- ☀ Lakeside, the Beach Pavilion offers a great place to play in the sand, enjoy a game of beach volleyball or take a dip in beautiful Lake Guntersville. The State Park also has several piers available for fishing. Fishing license, worms and crickets can be purchased at the Campground Store. Be sure to bring your fishing pole!

### 2018 Alabama Rural Road Safety Conference Lake Guntersville State Park Lodge October 2-4, 2018

#### SPONSOR REGISTRATION

ONLINE REGISTRATION AT: <http://eng.auburn.edu/continuing-education/index.html>

*Please print or type; register one person per form; photocopy if more forms are needed.*

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 Attending ALSITE Business Meeting yes/no \_\_\_\_\_  
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