



Alabama Transportation Assistance Program
presents a workshop

Design and Maintenance of Gravel Roads

Presented by Steven V. Jenkins, PE

Madison County
Tuesday
May 14, 2024

Shelby County
Wednesday
May 15, 2024

Tuscaloosa County
Thursday
May 16, 2024

Unpaved Roads

The following topics will be covered:

- The basic features of an unpaved road, shape, crown, curves, hills and clear zones.
- The ability to “Read a Road” and determine why defects occur.
- Materials used to build and maintain gravel roads including sieve tests, compaction, and quantity estimation.
- Drainage and grading techniques to remove defects.
- Equipment used for these applications.

Paved Roads

Maintenance of paved roads requires a difference emphasis. An understanding of defects in asphalt and maintenance to address each individual aspect is required. The following will be discussed.

- Design of lanes, shape, shoulders, and clear zones.
- Signing locations, visibility, and reflectivity.
- PASER evaluations for longitudinal and transverse cracking, rutting, raveling, potholes, trenching, edges, etc.
- Remedies including: crack sealing, potholes, edge support, chip sealing, overlays.
- Geotextiles and drainage.

If you have an interest in learning about or contributing to the discussion on any of the topics listed above, please attend. Those who perform the hands on maintenance, supervise, or even elected officials who oversee this public service can benefit from the discussions and instruction. Your knowledge of a wide variety of transportation safety and maintenance topics will be enhanced.

Please register at www.eng.auburn.edu/atap. The workshop is capped at 40 participants. **The cost of the workshop is \$175.00.** 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. Participants completing this workshop will receive .60 Continuing Education Units (CEUs), 6.0 Professional Development Hours (PDHs). Thank you for your continued support of the Alabama Transportation Assistance Program.

Workshop Instructor

Steven V. Jenkins, PE

Mr. Jenkins has been practicing engineering in Montana for over 30 years. He has a PE license and holds a Masters in Geotechnical Engineering. His experience working with State, Tribal and Local Governments has him involved with project funding, design, and construction of all types of Highway projects. Steve has directed three LTAP/TTAP centers and has extensive experience in training local governments, civil engineering design and performing construction safely. Steve's experience with materials uniquely prepares him to write specifications and perform design. He observes defects of roadways, bridges and all aspects of transportation systems and seeks simple solutions for improvement. Steve has established long-term relationships with City and County professionals.

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 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 and Time

Tuesday, May 14, 2024

Madison County VFD
300 Shields Road
Huntsville, AL 35811

Wednesday, May 15, 2024

Shelby County Fire
Training Center
Calera, AL 35040

Thursday, May 16, 2024

Tuscaloosa County Sheriff's
Beasor W. Walker Building
3120 Investigator Dornell Cousette St.
Tuscaloosa, AL 35401

7:30am – 8:00am

8:00am – 12:00pm

12:00pm – 1:00pm

1:00pm – 3:00pm

Registration Opens

Workshop

Lunch

Workshop