

SOLID GROUND TECHNOLOGY

Phone: 615-289-5902 Fax: 615-822-7038

greg@solidgroundtech.com

This one day 8 hr. course will expose attendees to proven methods used to address public concerns, pre-construction planning and documentation, instrumentation and monitoring, and the use of scientific data to address alleged damage claims.

Evaluating and Managing Construction Vibration Risks

Approved State of Tennessee Course

Outline of course:

- 1. Safe Storage of Explosives**
- 2. Trucking incidents involving commercial explosives**
- 3. Community relations planning for projects**
- 4. Pre-construction structure surveys**
- 5. Vibration monitoring planning**
- 6. Generation of ground vibration & noise**
- 7. Analyzing seismograph data**
- 8. Propagation of ground vibrations**
- 10. Structure response to vibration & air overpressure**
- 11. Safe vibration and airblast criteria**
- 12. Human response to vibration & noise**
- 13. Responding to complaints & damage**
- 14. State and Federal blasting laws**