

# S-E-A Transportation & Heavy Equipment Practice

**51**  
YEARS  
Forensic Engineering,  
Investigation and Analysis  
Since 1970



Trucking has its laws, science, engineering, and questions of accountability when an incident occurs. Knowing what really happened can relieve a lot of pressure, and here at S-E-A, we've been revealing the cause of accidents and failures since 1970.

## S-E-A Provides Technical Expertise for Transportation & Heavy Equipment Evaluations, including those related to:

### Highway and Environmental Factors

- Construction zones
- Guardrail protection
- Hazardous spills
- Line of sight and contrast analysis
- Road and bridge design compliance
- Structural evaluation
- Traffic signing

### Detailed Inspection of Vehicle Systems

- Air, hydraulic/cable service and parking brakes
- Occupant restraints, seat belts and air bags
- Steering, suspension, tires
- Traction control systems
- Tractor and trailer braking components

### Commercial Vehicle Accidents

- Jack-knife
- Rollovers
- Trailer off-tracking
- Trailer swing out
- Underride/rear impact protection

### Truck & Heavy Equipment Fire Analysis

- Electrical, mechanical, or fuel-supplied systems evaluations
- Fire analysis
- Origin and cause

### Utilization of Electronic Data from Vehicle Systems

- Antilock braking systems
- Engine control modules
- Obtain, preserve and analyze electronic data
- Supplemental inflatable restraint modules

### Accident Reconstruction, Documentation & Causal Analysis

- 3D laser scanning, camera matching and video analysis
- Biomechanical analysis
- Time/speed/distance analysis
- Vehicle accident reconstruction
- Visibility testing/conspicuity

## CONTACT US — WE'RE READY TO ASSIST.



**Steve Price** AIC

Practice Lead, Transportation & Heavy Equipment

(717) 440-5133 mobile | sprice@SEAlimited.com | S-E-A Charlotte



We test.  
We investigate.  
We reveal.  
We explain.  
**So you know.**

Forensic Engineering, Investigation and Analysis since 1970 | (614) 888-4160 | SEAlimited.com |

17 Offices and Locations • Over 300 Professionals • 14 Key Disciplines • 12 Practices • 24/7 Emergency Response