

# S-E-A Transportation & Heavy Equipment Practice



Know.



Transportation has its laws, science, engineering, and questions of accountability when an incident occurs. In order to pinpoint exactly what happened and why, our Vehicle Accident Reconstruction team and Transportation & Heavy Equipment Practice meticulously analyze and reconstruct complex accidents involving personal, commercial and industrial vehicles. The teams likewise analyze and reconstruct mishaps involving motorcycles, bicycles, and pedestrians. Computer analysis and simulations may assist in the reconstruction.

Vehicles have become more complex, roadways more saturated, and accidents more numerous than ever before.



Learn more about the S-E-A Transportation & Heavy Equipment Practice

[sealimited.com/capability/transportation-and-heavy-equipment](https://sealimited.com/capability/transportation-and-heavy-equipment)

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**S-E-A provides technical expertise for transportation and 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

*Anti-lock 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*



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



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



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