



***Faster, safer incident recovery depends on an integrated, well-trained responder corps.***



First responders study traffic incident scenarios as part of a training pilot held in Georgia.

**The impact** of traffic incidents on highway operations, reliability, and safety is well known and alarming. About 25 percent of all delays are caused by traffic incidents. Congestion costs are counted in hundreds of billions of dollars and wasted fuel is measured in billions of gallons. More importantly, traffic incidents pose a significant safety risk to both responders and travelers. The likelihood of a secondary crash increases with each minute that an incident remains unresolved.

Clearing incident scenes quickly with a well-coordinated, multidisciplinary team of first responders and transportation personnel is an important means of reducing the risk of secondary crashes and congestion delays. The second Strategic Highway Research Program (SHRP2) now offers multidisciplinary training for both responders and trainers to meet this need.

**The benefits** of SHRP2's Traffic Incident Management Training include:

- ▶ A unified, multidisciplinary approach that promotes a more effective incident response.
- ▶ Lessons in new multi-agency standards and best practices.
- ▶ Curricula based on 100 core competencies from 9 disciplines shown to improve on-scene responder and driver safety.
- ▶ A train-the-trainer curriculum that provides cost-effective alternatives for qualified trainers across the country.
- ▶ A model that demonstrates the feasibility of a national certification program for traffic incident responders.



## Save Lives

Better training leads to faster incident response and clearance. This means fewer secondary crashes result from the original incident, and less exposure to moving traffic while the incident is resolved.



## Save Money

Efficient response also saves money. In Atlanta, improved incident clearance practices reduced secondary crashes by 69 percent in 12 months, saving lives and more than \$1 million.



## Save Time

Well-trained responders can cut clearance time in half, decreasing delays caused by incident-related congestion. Train-the-trainer courses help responders learn more quickly.

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## A Stronger Responder Corps

Traffic Incident Management Training helps improve traffic incident response. Better incident response improves the safety of responders and drivers, reduces crashes that occur because of incident-related congestion, decreases traffic delays caused by incidents, and can cut incident response time in half.

Delivered in an intensive, two-day course or single-lesson modules, SHRP2's Traffic Incident Management Training includes:

- ▶ Interactive seminars
- ▶ Case study analysis
- ▶ Tabletop role-play and scenarios
- ▶ Field practicum that focus on the safety of responders and drivers, quick clearance, and effective communications at traffic incident scenes



Photo credit: SAIC

First responders participate in a training pilot held in Georgia.

## Who Benefits?

- ▶ Law enforcement
- ▶ Fire and rescue
- ▶ Emergency medical services
- ▶ Transportation agencies
- ▶ Training and recovery professionals
- ▶ Notification and dispatch personnel
- ▶ Hazardous materials management responders
- ▶ Coroners, medical examiners, and public works professionals
- ▶ The public



To learn more about the Federal Highway Administration's Emergency Transportation Operations program, visit:

**[www.ops.fhwa.dot.gov/eto\\_tim\\_pse](http://www.ops.fhwa.dot.gov/eto_tim_pse)**



### About SHRP2

The second Strategic Highway Research Program is a national partnership of key transportation organizations: the Federal Highway Administration, the American Association of State Highway and Transportation Officials, and the Transportation Research Board. Together, these partners conduct research and deploy products that will help the transportation community enhance the productivity, boost the efficiency, increase the safety, and improve the reliability of the Nation's highway system. For more information, please visit [www.TRB.org/SHRP2](http://www.TRB.org/SHRP2).

## STRATEGIC HIGHWAY RESEARCH PROGRAM

U.S. Department of Transportation | Federal Highway Administration  
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