



NTSB National Transportation Safety Board

Office of Highway Safety

**Truck-Tractor Semitrailer Rear-End
Collision into Passenger Vehicles
Interstate Highway 44
Miami, Oklahoma
June 26, 2009**



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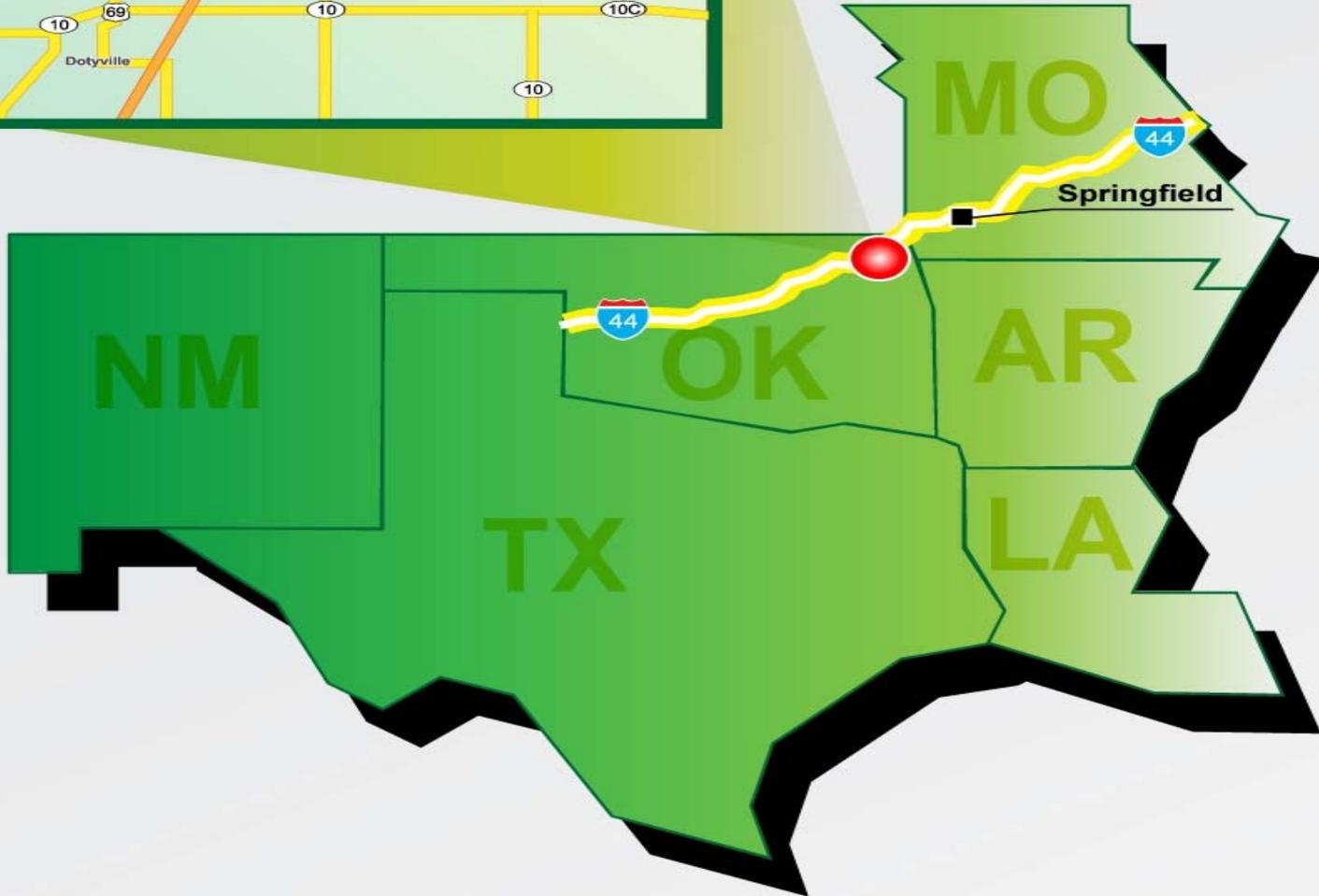
Office of Highway Safety

Opening Statement

Robert Accetta
Investigator-In-Charge

Presentation Items

- Accident overview/collision events
- Injuries
- Investigative and support staff
- Parties
- Safety issues



Accident Description

- Minor accident
 - Blocked eastbound I-44
- 2008 Volvo truck-tractor
 - Refrigerated semitrailer
 - Operated by Associated Wholesale Grocers, Inc. (AWG)
 - Traveling eastbound on I-44 at 69 mph
 - Collided with queue of slowing & stopped vehicles



 Chevrolet Tahoe (6)

 16-foot-long stock trailer (5a)

 Hyundai Sonata (2)

 Ford F350 pickup (5b)

 Ford Windstar (4)

 Volvo truck-tractor

 Kia Spectra (3)

 Great Dane semitrailer

 Land Rover (1)

I-44 east

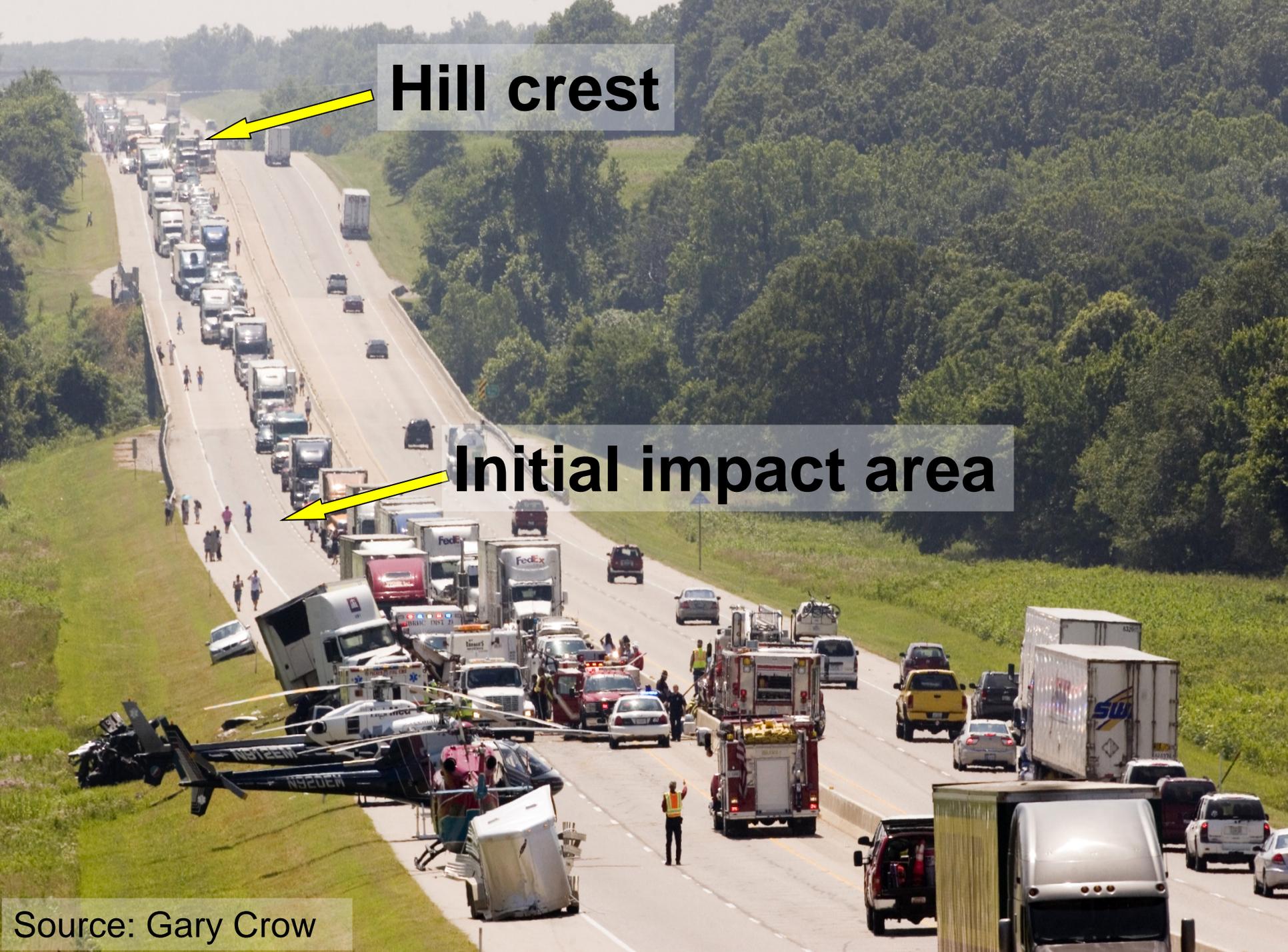
Initial impact
with Land Rover



Hill crest

Initial impact area

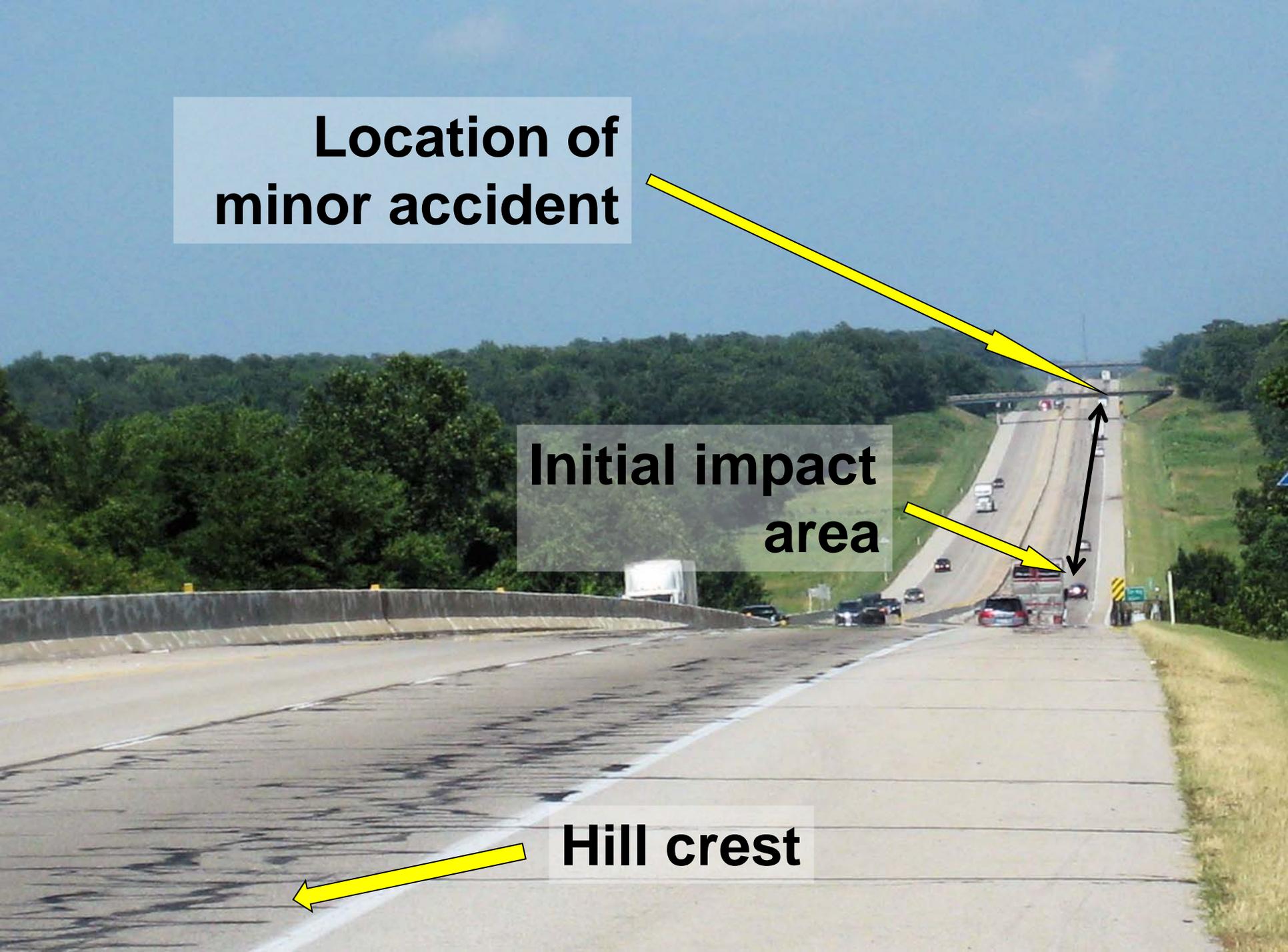
Source: Gary Crow

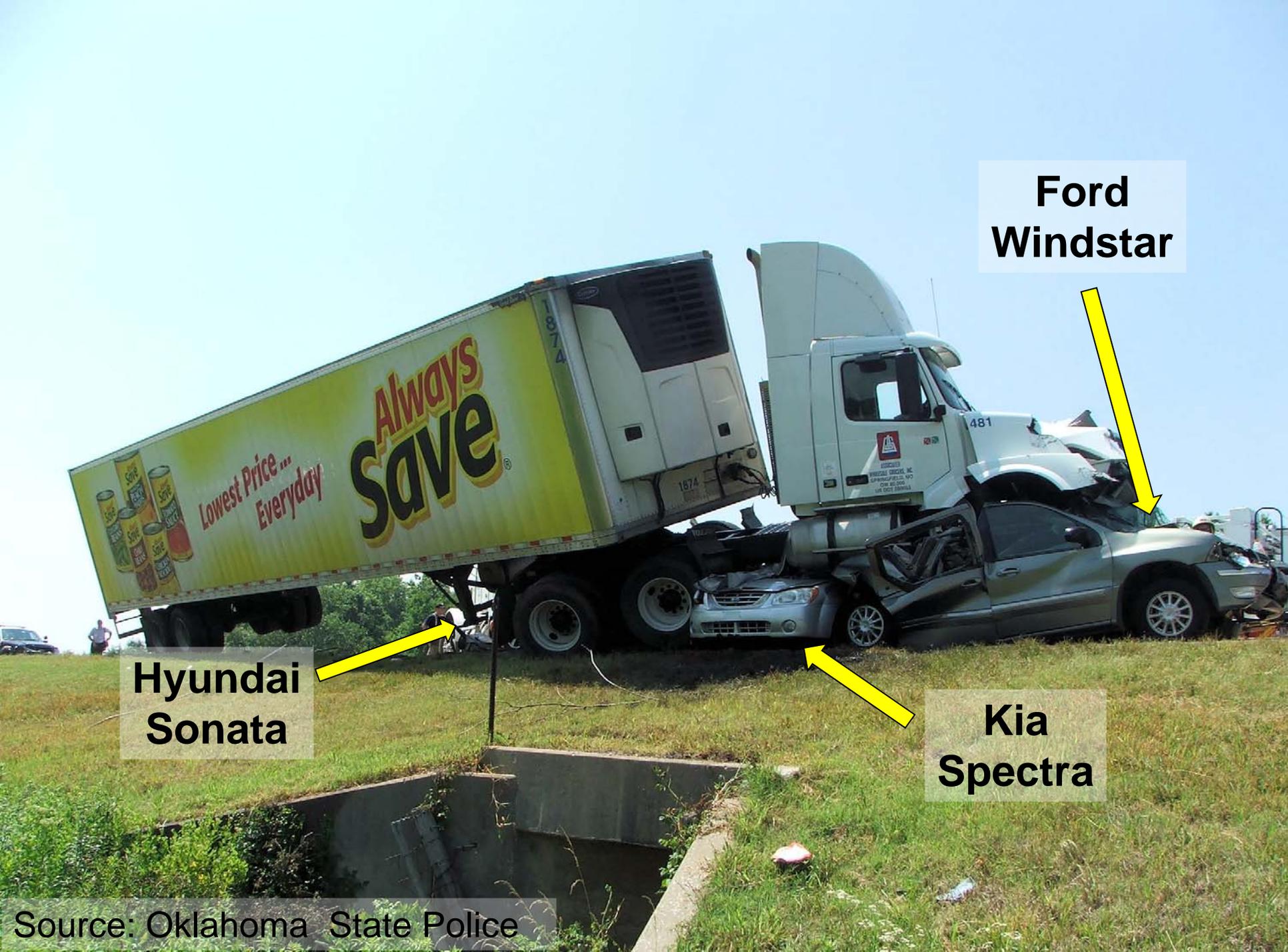


**Location of
minor accident**

**Initial impact
area**

Hill crest





**Ford
Windstar**



**Hyundai
Sonata**



**Kia
Spectra**



Injuries

- Passenger Vehicle Occupants
 - 10 fatalities
 - 3 serious injuries
 - 2 minor injuries
 - 5 no injuries
- Truck Driver
 - Seriously injured

Investigative Staff

- Gary Van Etten – Motor Carrier
- Jennifer Morrison – Vehicle
- Ron Kaminski – Survival
- Rafael Marshall, PhD – Human Performance
- David Rayburn – Highway
- Chris Voeglie – EDR
- Dr. Mitch Garber – Medical Analysis
- Robert Accetta – IIC

Report Development

- Michele Beckjord – Project Manager
- Gwynne O'Reagan – Editor
- Julie Perrot – Safety Recommendations
- Shane Lack – Research & Engineering
- Elisa Braver, PhD – Research & Engineering
- Jana Price, PhD – Research & Engineering
- Mark Bagnard – Audiovisual Support

Parties to the Investigation

- Federal Motor Carrier Safety Administration
- Oklahoma Turnpike Authority

Safety Issues

- Commercial driver fatigue
- Fatigue management programs and materials
- Heavy vehicle aggressivity
- Data and video recorders
- Forward collision warning systems



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