



NTSB National Transportation Safety Board

Office of Highway Safety

Hampshire, Illinois

October 1, 2003

Introduction

- Investigative staff
- Parties to investigation
- Sequence of events
- Safety issues

Parties to Investigation

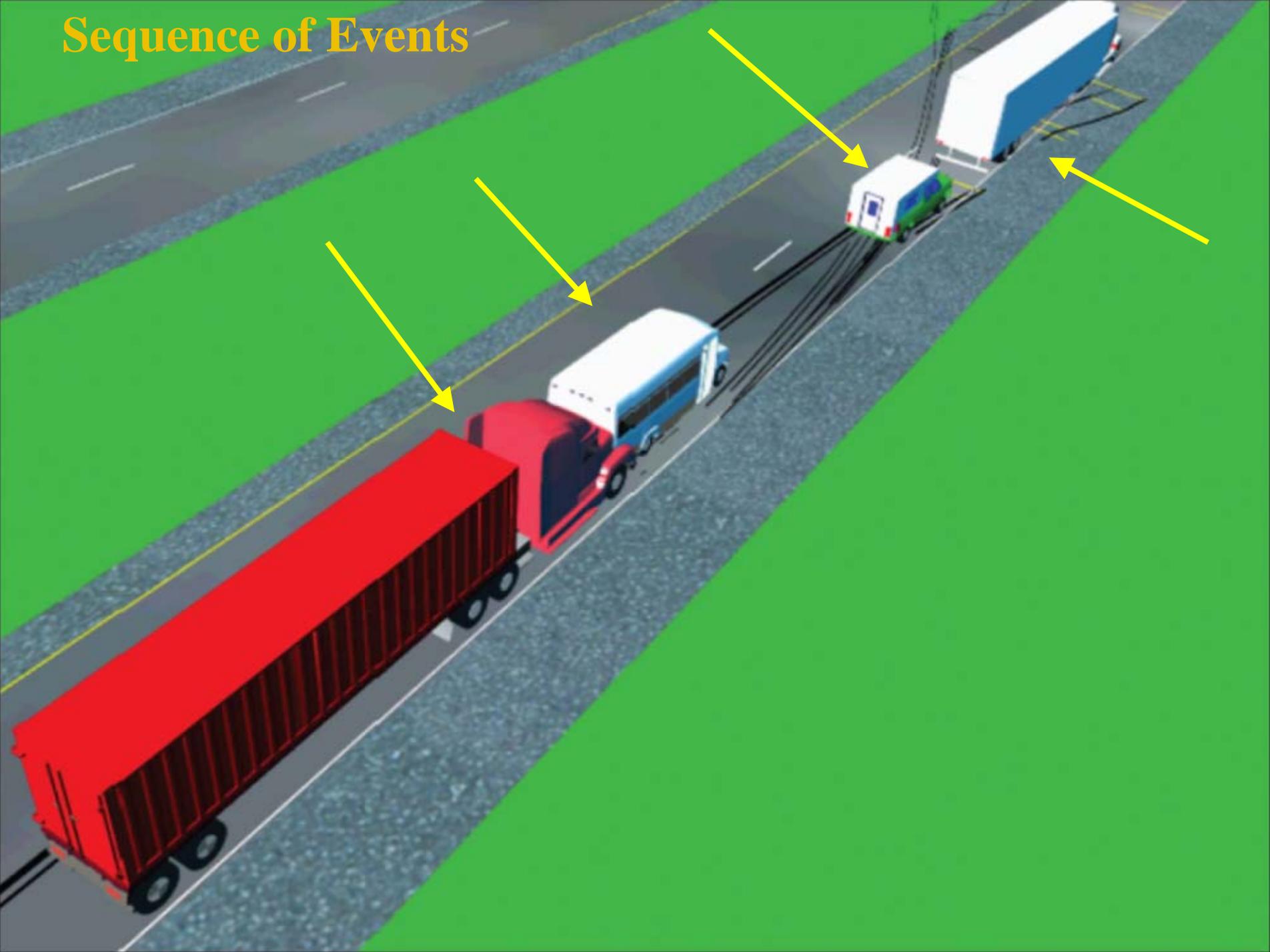
- Federal Highway Administration
- Federal Motor Carrier Safety Administration
- Illinois State Police
- Illinois State Toll Highway Authority
- International Bridge, Tunnel and Turnpike Association
- Goshen Coach
- Ford Motor Company
- Leisure Pursuit Charters, Inc.
- Frontline Transportation Company
- Hampshire Fire Department

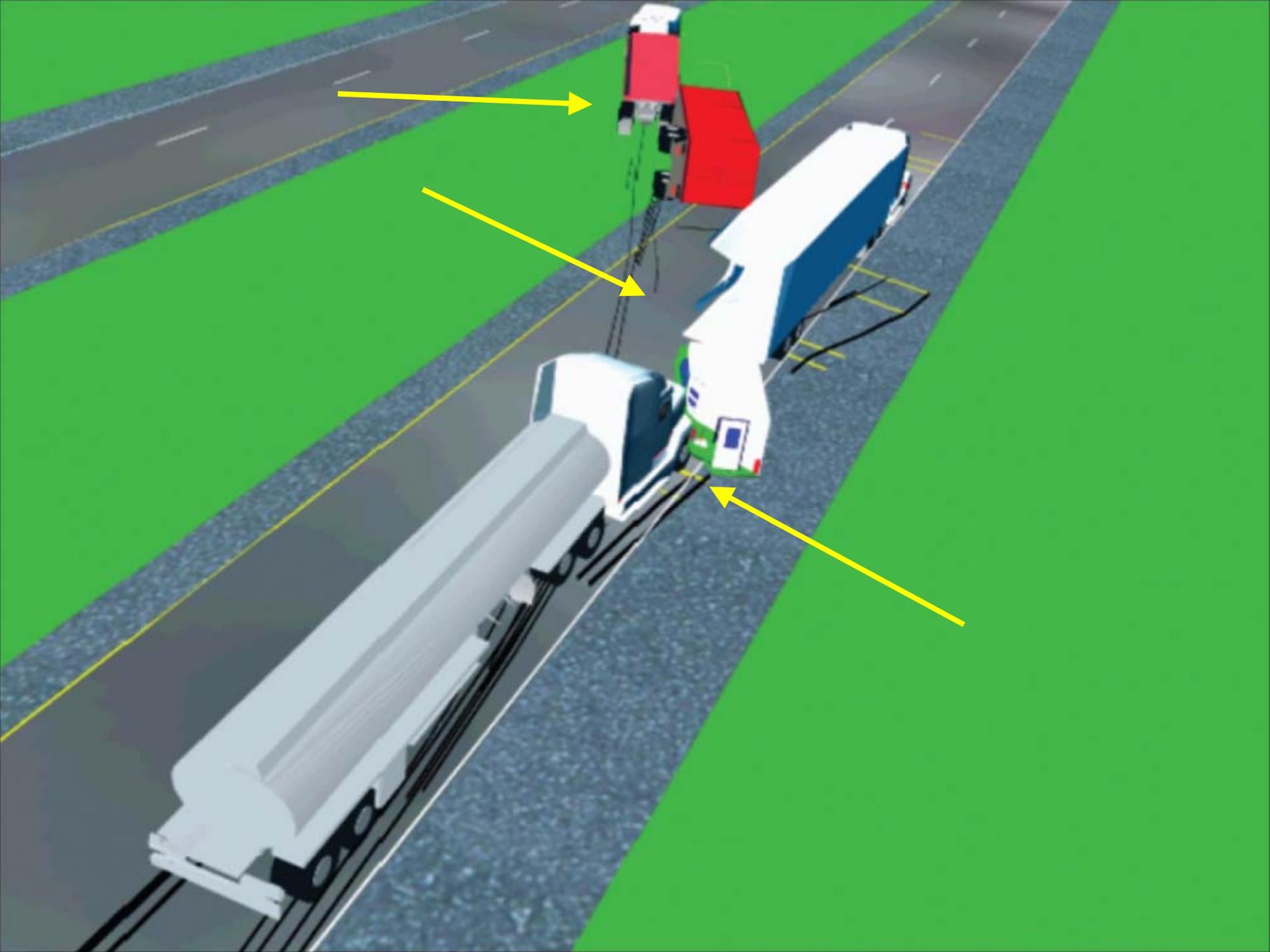
Hampshire-Marengo Toll Plaza



- Rear-end multivehicle collision
- 45-mph speed limit
- Traffic moving less than 10 mph

Sequence of Events





Vehicle Damage



Freightliner tractor



Pickup truck



Ford trailer



Kenworth tractor

Top photos courtesy ISP

Specialty Bus



- Bus destroyed
- Driver minor injury
 - Air bag deployed
 - Wearing 3-pt seat belt

Specialty Bus Passengers



- 8 fatal
- 4 serious injuries
- 8 minor injuries
- Ejections
 - 4 partial
 - 2 full
- Lap belts available

Safety Issues

- Toll plaza design and lack of national design standards
- Prevention of rear-end accidents by collision warning systems
- Oversight of passenger carriers operating on revoked authority
- Vehicle incompatibility and heavy truck aggressivity



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