Highway Accident Reports
Brief Format, Issue
Number 2 - 1979

(U.S.) National Transportation Safety Board, Washington, DC

25 Jan 80
**Title and Title:**
Highway Accident Reports - Brief Format -
Issue Number 2 - 1979

**Author(s):**

**Performing Organization Name and Address:**
National Transportation Safety Board
Bureau of Accident Investigation
800 Independence Ave., S.W.
Washington, D.C. 20594

**Sponsoring Agency Name and Address:**
NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

**Abstract:**
This publication contains briefs of selected highway accident investigations conducted in conjunction with the data gathering process of the National Driver Register Study. The brief formats present basic facts, conditions, circumstances, and probable cause(s) in each instance.

**File Number:**

**Distributon Statement:**
This document is available to the public through the National Technical Information Service, Springfield, Virginia 22151

**Security Classification:**

<table>
<thead>
<tr>
<th>of this report</th>
<th>of this page</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNCLASSIFIED</td>
<td>UNCLASSIFIED</td>
</tr>
</tbody>
</table>

**NTSB Form 1765.2 (Rev. 9/74)**
FOREWORD

The National Transportation Safety Board, in accordance with the provisions of the Independent Safety Board Act of 1974, has determined the probable causes of the 41 U.S. highway accidents reported herein.

The enclosed briefs are the reports of the National Transportation Safety Board and are thereby subject to the limitation of 49 USC 1903(c):

"No part of any report or reports of the Board, relating to any accident or the investigation thereof, shall be admitted as evidence or used in any suit or action for damages growing out of any matter mentioned in such report or reports."

For those readers who wish more detailed information, the original factual reports are on file in the Washington, D.C., office of the National Transportation Safety Board and may be examined. These reports will be reproduced for a fee covering reproduction cost and postage. Orders for material also are subject to a user charge by the Board for special services, and such charge will be included in the bill.

Requests for reproduction should be forwarded to:

National Transportation Safety Board
Public Inquiries Section
Washington, D.C. 20594
Reporting Agency: Atlanta Field Office

Location: Savannah, Georgia
Road: U.S. Route 17

Vehicle: Year | Make | Model | Type | Operator | Business/Residence
---|---|---|---|---|---
1. 1977 | Ford | LTD | Sedan | Privately owned | Savannah, Georgia
2. 1977 | Mack | | Truck | Schwarman Trucking |

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
Northbound truck applied brakes for slowing traffic and trailer jackknifed into the southbound lanes and collided with southbound passenger sedan.

Probable Cause of Casualty: 1. Impact forces within the vehicle

Other Factors: 1. Wet pavement
2. Unbalanced braking system on truck

Fatalities: Number: (driver, passenger, pedestrian) Injuries: Number: (driver, passenger, pedestrian)
1 Ford driver None
1 Ford passenger None

Property Losses: Vehicles: $650 Other Property: None
**NATIONAL TRANSPORTATION SAFETY BOARD**

**Reporting**
Agency: Atlanta Field Office
Location: Loganville, Georgia (U.S. Route 78)

**Vehicle:**
<table>
<thead>
<tr>
<th>Year</th>
<th>Make</th>
<th>Model</th>
<th>Type</th>
<th>Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td>1972</td>
<td>White</td>
<td>7400</td>
<td>Tractor</td>
<td>Owner - operator</td>
</tr>
<tr>
<td>1978</td>
<td>Oldsmobile</td>
<td>Cutlass</td>
<td>Sedan</td>
<td>Privately owned</td>
</tr>
</tbody>
</table>

**Accident Description:**
The accident occurred on U.S. 78, where a truck and car were both westbound. The Oldsmobile made a left turn, and the truck struck the Oldsmobile. The Oldsmobile then overturned and went off the road. The probable cause was an improper left turn by the Oldsmobile driver.

**Probable Cause of Casualty:**
1. Vehicle overturn
2. Seat belts not used
3. 

**Fatalities:**
Number: (driver, passenger, pedestrian) 1
- Oldsmobile passenger

**Injuries:**
Number: (driver, passenger, pedestrian) 1
- Oldsmobile driver

**Property Losses:**
Vehicles: $24,000

**Other Property:** None
NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594  

Reporting Agency: Atlanta Field Office  
Docket Number: HY-720-79  
Highway Accident Number: ATT-79-F-013  

Location:  
City: Ludowici  
State: Georgia  
Road: U.S. Route 82  
Intersecting Street: U.S. Route 301  
Local time: 1645  
Date: 5-2-78  
Weather: Overcast - dry  
Light condition: Daylight  

Vehicle: Year Make Model Type Operator  
1. 1969 International Transtar semitrailer H. Alfonso  
2. 1972 Chevrolet Rally 2 door sedan Privately owned  
3. 1976 Buick Skylark 2 door sedan Privately owned  

City & State of Business/Residence  
Halifax, Massachusetts N/A N/A  

Accident Description:  
(type of accident and presence or absence of significant precrash, crash and postcrash factors)  
Truck eastbound on U.S. 82 - passed a red signal light at intersection of U.S. Route 301 and struck a northbound Chevrolet sedan broadside. The Chevrolet was pushed into a Buick sedan. All vehicles went off the roadway — the truck overturned.  

Probable Cause:  
1. Truckdriver disobeyed signal light at intersection  
2. Failure of truckdriver to yield right-of-way at intersection.  
3. Truck speed too fast for road and traffic conditions.  

Other Factors:  
1. None  
2.  
3.  

Fatalities:  
Number: (driver, passenger, pedestrian) Injuries: Number: (driver, passenger, pedestrian)  
1 Truckdriver 1 Chevrolet passenger  
1 Chevrolet driver 2  

Probable Cause of Casualty:  
1. Impact forces within the vehicle  
2.  
3.  

Property Losses:  
Vehicles: $26,350  
Other Property: None
### Accident Information

**Locational Information**
- **City:** Richmond Hill, Georgia
- **Interstate:** 95
- **Intersection:** U.S. Route 25
- **Date:** 6-19-78
- **Time:** 0226
- **Weather:** Clear - dry
- **Light condition:** Dark

**Vehicle Information**

<table>
<thead>
<tr>
<th>Number</th>
<th>Year</th>
<th>Make</th>
<th>Model</th>
<th>Type</th>
<th>Operator</th>
<th>Business/Residence</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1973</td>
<td>Mack</td>
<td>Tractor</td>
<td>semi-trailer</td>
<td>Heftrinall Trucking</td>
<td>Vinton, Virginia</td>
</tr>
<tr>
<td>2</td>
<td>1976</td>
<td>Chevrolet</td>
<td>Valibu</td>
<td>Sedan</td>
<td>Privately owned</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1976</td>
<td>Mack</td>
<td>Tractor</td>
<td>semi-trailer</td>
<td>McDaniels Industry</td>
<td>Andrews, South Carolina</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Description:** (type of accident and presence or absence of significant precrash, crash and postcrash factors)
Northbound Heftrinall truck ran into rear of northbound sedan and pushed the sedan into the rear of northbound McDaniels truck. All vehicles were in the right lane of the 4-lane divided highway.

**Probable Cause of Casualty:**

1. **Impact forces within the vehicle**
2. **Chevrolet driver not wearing available seatbelt**
3. **[Blank]**

**Property Losses:**

- **Vehicles:** $19,200
- **Other Property:** None
NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594  
Docket Number: HY-128-79

Agency: Atlanta Field Office  
Highway Accident Number: AT-79-P-4016

Location:  
City: Knoxville  
State: Tennessee  
Local time: 0755  
Date: 10-17-78  
Weather: Clear & dry  
Light condition: Daylight

Road: State Route 76  
Intersecting Street: None

Vehicle:  
Year: 1976  
Make: Ford  
Model: Pickup  
Type: Truck  
Operator: Privately owned

Year: 1978  
Make: Peterbilt  
Model: Tractor  
Type:  
Operator: Taylor Brothers

City & State of Business/Residence: Knoxville, Tennessee

Accident Description: (Type of accident and presence or absence of significant precrash, crash and postcrash factors)  
Southbound pickup truck pulling farm equipment, was making a left turn from Route 76 into a private driveway, when a southbound truck went into the left lane to pass a truck that was behind pickup and struck the pickup broadside.

Probable Cause:  
1. Improper passing by truck driver – did not have assured clear distance ahead.

Causes:  
2. Truck driver travelling too fast for conditions.

Other Factors:  
1. None

Fatalities:  
Number: (driver, passenger, pedestrian)  
1 Pickup driver

Injuries:  
Number: (driver, passenger, pedestrian)  
None

Probable Cause of Casualty:  
1. Impact forces
2. 
3. 

Property Losses:  
Vehicles: $5,000

Other Property: None
NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: NY-17A-79

Highway Accident Number: AT-79-F-H018

Reporting Agency: Atlanta Field Office

Location:
City: Dalton
State: Georgia
Intersecting Street: GA Hwy 52
Road: Interstate 75

Local time: 0350
Date: 12-14-78
Weather: Clear & dry
Light condition: Dark

City & State of Business/Residence:
Somerset, Kentucky
Montgomery, Alabama

Vehicle: Year: 1979 Make: Mack Model: F700
Type: Tractor semitrailer
Operator: Somerset Marine

Type: Tractor semitrailer
Operator: Saunders Leasing

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)

A Mack and an International truck were northbound on I-75. The Mack truck, in the left lane, had just passed an automobile, pulled into the right lane, and struck the International truck in the left rear. The Mack then veered across the road onto the median and overturned.

Probable Cause:
1. Mack driver failed to judge the speed-distance relationship between the two trucks.
2. Improper lane usage.
3. 

Other Factors:
1. Mack driver was driving while intoxicated.
2. Seat belts not used by occupants of Mack truck.
3. 

Fatalities: Number: (driver, passenger, pedestrian) 1 Mack driver

Injuries: Number: (driver, passenger, pedestrian) 1 Passenger - Mack

Probable Cause of Casualty:
1. Ejected from truck
2. 
3. 

Property Losses:
Vehicles: $25,000
Other Property: None
### Vehicle Information

<table>
<thead>
<tr>
<th>Vehicle</th>
<th>Year</th>
<th>Make</th>
<th>Model</th>
<th>Type</th>
<th>Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1976</td>
<td>Peterbilt</td>
<td></td>
<td>Tractor</td>
<td>National Car Rental/Permobil Industry</td>
</tr>
<tr>
<td>2.</td>
<td>1976</td>
<td>Caterpillar</td>
<td>C60</td>
<td>Truck</td>
<td>Seminole Store</td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Accident Description

A truck travelling eastbound on S.E. Magnolia Street entered the intersection of S.E. 3rd Ave. and struck the right rear of a tractor-semitrailer which was southbound on S.E. 3rd Ave. The tractor semitrailer was struck at the front wheel of the semitrailer.

### Probable Cause

1. Truck failed to give right-of-way to the tractor semitrailer which had entered and almost completely crossed the intersection.
2. Truck exceeding safe speed.

### Other Factors

1. 
2. 
3. 

### Fatalities and Injuries

- **Number:** (driver, passenger, pedestrian)
- **Injuries:** (driver, passenger, pedestrian)
- **Number:** (driver, passenger, pedestrian)

### Probable Cause of Casualty

1. N/A
2. 
3. 

### Property Losses

- **Vehicles:** $385.00
- **Other Property:** None
NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-122-79
Highway Accident Number: YAR-79-P-0002

Reporting Agency: Dulles Field Office

Location:
City: Hanover
County: Hanover
State: Virginia
Intersecting Street: Frontier Road
Road: State Route 30

Vehicle: Year Make Model Type Operator
1. 1975 White Freight Liner Tractor Saunders Leasing Company
2. 1975 Trailmobile semitrailer Saunders Leasing Company
3. 1973 Ford Country Squire Station Wagon Marjorie Lea Cleary

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
Tractor-semitrailer eastbound on Route 30. He made a left turn onto Frontier Road as the traffic signal turned red. Ford was westbound on Route 30. As light turned green, the Ford started up and struck and underrode the semitrailer. The semitrailer rear wheels ran over the front end of the Ford.

Probable Cause of Casualty:
1. Crushing and impact forces within the Ford.
2. Truckdriver ejected contacted steering wheel and door.
3. 

Probable 1. Truckdriver violated traffic control.
Cause: 2. High clearance and lack of side underride protection permitted Ford to underride semitrailer.
3. 

Other Factors: 1. Ford driver failed to assure safe clearance before entering an intersection.
2. 
3. 

Fatalities: Number: (driver, passenger, pedestrian) Injuries: Number: (driver, passenger, pedestrian)
None


1 Driver of truck
1 Driver of Ford
1 Passenger in Ford

Property Losses:
Vehicles: $8,000
Other Property: None
<table>
<thead>
<tr>
<th>Reporting Agency: Dulles Field Office</th>
<th>Location: Hagerstown, Maryland</th>
<th>Date: 1-30-79</th>
<th>Weather: Clear - dry</th>
<th>Light condition: Daylight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Docket Number: HY-201-79</td>
<td>Road: Interstate 70</td>
<td>Local time: 1230</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Highway Accident Number: TAO-79-F-0003</td>
<td>Intersecting Street</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vehicle: Year</th>
<th>Make</th>
<th>Model</th>
<th>Type</th>
<th>Operator</th>
<th>City &amp; State of Business/Residence</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. 1968</td>
<td>International</td>
<td>60A</td>
<td>Tractor</td>
<td>Northern Indiana Sales &amp; Service</td>
<td>Hagerstown, Maryland</td>
</tr>
<tr>
<td>2. 1978</td>
<td>Butler</td>
<td>Box</td>
<td>Semitrailer</td>
<td>Inc'</td>
<td></td>
</tr>
<tr>
<td>3. 1977</td>
<td>Peterbilt</td>
<td></td>
<td>Tractor</td>
<td>Landis C. Martin</td>
<td>East Earl, Pennsylvania</td>
</tr>
<tr>
<td>4. 1978</td>
<td>Trailmobile</td>
<td>Box</td>
<td>Semitrailer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Accident Description:** (type of accident and presence or absence of significant precrash, crash and postcrash factors)

All vehicles were eastbound. The Peterbilt truck overtook and struck the International in the rear, swerved off the road and struck a guard rail.

**Probable Cause of Casualty:**

1. Not applicable
2. 
3. 

**Property Losses:**

- Vehicles: $25,000
- Other Property: $1,200 guardrail
NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting
Agency: Dulles Field Office

Location:
City: Lamar
State: Pennsylvania
Road: Interstate 80
Intersecting Street: Milepost 180-38

Vehicle:
Year: 1978
Make: Mack
Model: "P"
Type: Tractor
Operator: Continental Group Inc.

Operator: Carteret, New Jersey

Light condition: Darkness
City & State of Business/Residence: Carteret, New Jersey

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
Tractor semi-trailer westbound on I-80 in left lane attempted to pass another truck, lost control, and drove off the road into a guard rail located on the right shoulder.

Probable Cause of Casualty:
1. Head and chest injuries from impact with steering wheel and windshield.
2. Driver was not wearing available seatbelt.

Probable Cause of Casualty:
1. Speed too fast for conditions.
2. Driver failed to maintain control of vehicle.
3. 

Probable Cause of Casualty:
1. Head and chest injuries from impact with steering wheel and windshield.
2. Driver was not wearing available seatbelt.

Probable Cause of Casualty:
1. Speed too fast for conditions.
2. Driver failed to maintain control of vehicle.
3. 

Probable Cause of Casualty:
1. Head and chest injuries from impact with steering wheel and windshield.
2. Driver was not wearing available seatbelt.

Facilities:
Number: (driver, passenger, pedestrian) Injuries: Number: (driver, passenger, pedestrian)
None

Probable Cause of Casualty:
1. Speed too fast for conditions.
2. Driver failed to maintain control of vehicle.
3. 

Probable Cause of Casualty:
1. Head and chest injuries from impact with steering wheel and windshield.
2. Driver was not wearing available seatbelt.

Probable Cause of Casualty:
1. Speed too fast for conditions.
2. Driver failed to maintain control of vehicle.
3. 

Probable Cause of Casualty:
1. Head and chest injuries from impact with steering wheel and windshield.
2. Driver was not wearing available seatbelt.

Probable Cause of Casualty:
1. Speed too fast for conditions.
2. Driver failed to maintain control of vehicle.
3. 

Probable Cause of Casualty:
1. Head and chest injuries from impact with steering wheel and windshield.
2. Driver was not wearing available seatbelt.

Probable Cause of Casualty:
1. Speed too fast for conditions.
2. Driver failed to maintain control of vehicle.
3. 

Probable Cause of Casualty:
1. Head and chest injuries from impact with steering wheel and windshield.
2. Driver was not wearing available seatbelt.

Probable Cause of Casualty:
1. Speed too fast for conditions.
2. Driver failed to maintain control of vehicle.
3. 

Probable Cause of Casualty:
1. Head and chest injuries from impact with steering wheel and windshield.
2. Driver was not wearing available seatbelt.

Probable Cause of Casualty:
1. Speed too fast for conditions.
2. Driver failed to maintain control of vehicle.
3. 

Probable Cause of Casualty:
1. Head and chest injuries from impact with steering wheel and windshield.
2. Driver was not wearing available seatbelt.

Probable Cause of Casualty:
1. Speed too fast for conditions.
2. Driver failed to maintain control of vehicle.
3. 

Probable Cause of Casualty:
1. Head and chest injuries from impact with steering wheel and windshield.
2. Driver was not wearing available seatbelt.

Probable Cause of Casualty:
1. Speed too fast for conditions.
2. Driver failed to maintain control of vehicle.
3. 

Probable Cause of Casualty:
1. Head and chest injuries from impact with steering wheel and windshield.
2. Driver was not wearing available seatbelt.

Probable Cause of Casualty:
1. Speed too fast for conditions.
2. Driver failed to maintain control of vehicle.
3. 

Probable Cause of Casualty:
1. Head and chest injuries from impact with steering wheel and windshield.
2. Driver was not wearing available seatbelt.
NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Dulles Field Office

Location:
City: Providence  
State: Rhode Island  
Local time: 0335  
Date: 1-26-79  
Weather: Clear - Wet

Road: Private Property  
Intersecting Street: N/A

Vehicle: Year  
1. 1967  
2. 1970

Make  
1. White  
2. Fruehauf

Model: C.O.E.  
Type: Tractor

Operator: Laruie S Casey Trucking  
City & State of Business/Residence: San Bernardino, California

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
Tractor semitrailer while backing into the Congress Inn Motel Parking Lot - struck a building. The driver then attempted to drive around the motel and struck a utility shed. Driver arrested for driving under the influence of drugs.

Probable Cause: 1. Driver judgment impaired by the use of drugs.

Other Factors: 1. None

Fatalities: Number: (driver, passenger, pedestrian)  
None

Injuries: Number: (driver, passenger, pedestrian)  
None

Probable Cause of Casualty: 
1. N/A  
2.  
3.  

Property Losses: 
Vehicles: $1,050
Other Property: $10,000
ACCIDENT REPORT

REPORTING AGENCY: Dulles Field Office

LOCATION:
- City: Pleasant
- State: Pennsylvania
- Road: Interstate 76
- Intersecting Street: Milepost 62/3

VEHICLE:
<table>
<thead>
<tr>
<th>Year</th>
<th>Make</th>
<th>Model</th>
<th>Type</th>
<th>Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1976 Ford</td>
<td>9000</td>
<td>Tractor</td>
<td>Northern Neck Transfer, Inc.</td>
</tr>
<tr>
<td>2.</td>
<td>1975 Trailmobile</td>
<td>Flashed</td>
<td>Semitrailer</td>
<td>Northern Neck Transfer, Inc.</td>
</tr>
<tr>
<td>3.</td>
<td>1975 Mercedes Benz</td>
<td>1137</td>
<td>Sedan</td>
<td>Privately owned</td>
</tr>
</tbody>
</table>

ACCIDENT DESCRIPTION:
The truck was westbound. The semitrailer's sliding tandem assembly separated from the trailer frame. Vehicle went out of control. The semitrailer separated from the tractor at the fifth wheel and overturned spilling its cargo of wooden pallets. The Mercedes Benz struck the overturned tandem suspension.

PROBABLE CAUSE:
1. Failure of the sliding tandem suspension due to wear and lack of preventive maintenance.

OTHER FACTORS:
1. ____________________________
2. ____________________________
3. ____________________________

FATALITIES:
- Number: (driver, passenger, pedestrian)
  - None

INJURIES:
- Number: (driver, passenger, pedestrian)
  - Driver of the Mercedes Benz

PROBABLE CAUSE OF CASUALTY:
1. Impact with steering wheel and "A" pillar.
2. ____________________________
3. ____________________________

PROPERTY LOSSES:
- Vehicles: $7,500
- Other Property: None
**NATIONAL TRANSPORTATION SAFETY BOARD**

**Washington, D.C. 20594**

**Docket Number:** HV-1/2-79

**Highway Accident Number:** IAD-72-F-1008

**Reporting Agency:** Dulles Field Office

**Location:**
- City: Fulton County
- State: Pennsylvania
- Road: Interstate 70
- Intersecting Street: Milepost 7/45

**Local time:** 0530
**Date:** 2-22-79
**Weather:** Clear - snow
**Light condition:** Darkness

**Operator:**
- Kemp Furniture Industries, Inc.
- Goldsboro, North Carolina

**Vehicle:**
1. **Year:** 1972
   - **Make:** GMC
   - **Model:** Astro-95
   - **Type:** Tractor
   - **Operator:** Kemp Furniture Industries, Inc.

2. **Year:** 1969
   - **Make:** Black Diamond
   - **Model:** Box
   - **Type:** Semitrailer
   - **Operator:** Kemp Furniture Industries, Inc.

3. 

4. 

**Accident Description:**
Westbound tractor-trailer went out of control as driver applied the brakes on a snow-covered highway. The unit jackknifed and overturned after striking a guardrail. Vehicle skidded 145 feet on its side. This was a four-lane divided highway.

**Probable Cause of Casualty:**
1. Excessive speed for road conditions.
2. Jackknife of articulated vehicle.

**Fatalities:**
- **Number:** (driver, passenger, pedestrian)
- **Injuries:** (driver, passenger, pedestrian)
- **Property Losses:**
  - Vehicles: $7,500
  - Other Property: $500 guardrail

**Other Factors:**
1. None
2. 
3. 

---

**Number:**
- **Truckdriver - minor injuries**
NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C.  20594

Reporting  
Agency: Dulles Field Office  
Docket Number: NY-183-79

Highway Accident Number: TAD-79-D-0012

Location:  
City Warrenton  State Pennsylvania  
Road Interstate 70  
Intersecting Street Milepost 2/20

Local time: Date: Weather: Light condition:  
0350  05-05-79  Clear - dry  Darkness

Vehicle: Year Make Model Type Operator  
1. 1968 White Freight Liner Tractor United States Transportation Systems, Inc.  
2. 1968 Trailmobile Low Boy Semitrailer  
3.  
4.  

City & State of Business/Residence  
Baltimore, Maryland

Operator  

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)  
Tractor-semitrailer eastbound. Right front tire blew out, vehicle ran off the road to the right, mounted and slid along a guardrail, hit an embankment and overturned. According to a witness, speed was estimated at about 70 mph.

Probable 1. Underinflated tire resulted in a blowout.  
Cause:  
2. Loss of steering capability due to blowout.  
3. Excessive speed.

Other Factors:  
1. None.  
2.  
3.  

Fatalities: Number: (driver, passenger, pedestrian)  

1  Driver of tractor  
2  Passenger in tractor

Injuries: Number: (driver, passenger, pedestrian)  

1  Passenger in tractor

Probable Cause of Casualty:  
1. Truckdriver - Unrestrained - ejected and crushed by tractor  
2. Unrestrained passenger partially ejected and crushed by over-  
3. Turning vehicle.

Property Losses:  
Vehicles: $25,000

Other Property: $1,000 guardrail
NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Dulles Field Office  
Docket Number: HY-202-79
Highway Accident Number: IAD-79-F-0072

Location: 
City: Alden  
State: New York  
Date: 3-15-78  
Weather: Cloudy-wet  
Local time: 12:31  
Light condition: Daylight

Road: Broadway Street  
Intersecting Street: Townline Road  
City & State of Business/Residence: Attica, New York

Vehicle: Year Make Model Type Operator  
1. 1965 GMC  
2. 1975 Buick 2 door  
3. 1973 Pontiac 2 door  
4. 1976 Ford 4 door  
Tractor Jim-Bo Pet Foods Inc.  
Sedan Privately owned  
Sedan Privately owned  
Sedan Privately owned

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
Tractor-tractor eastbound on Broadway entered intersection of Townline Road against the red traffic signal. Tractor struck northbound Buick which had entered from Townline Road into intersection with green light. Tractor shoved Buick into westbound Pontiac which had stopped for red traffic signal. Buick was then pushed into westbound Ford which was approaching the intersection.

Probable Cause of Casualty:
1. Blunt trauma injuries from impact forces.

Probable Cause of Casualty:
1. Failure to yield right-of-way in violation of red traffic signal.
Cause: 2. Inadequate brake adjustment resulting in loss of braking capability.
3. Other

Factors: 1. Lack of preventive maintenance program.
2. 
3. 

Fatalities: Number: (driver, passenger, pedestrian) Injuries: Number: (driver, passenger, pedestrian)
1 Driver of Buick 1 Driver of Pontiac
1 Passenger in Ford 1 Driver of Ford

Property Losses:
Vehicles: $5,700  
Other Property: None
### NATIONAL TRANSPORTATION SAFETY BOARD

**Reporting Agency:** Dulles Field Office

**Docket Number:** NY-203-79

**Location:**
- City: New York
- State: New York
- Road: State Route 9
- Street: Intersecting Street St.
- Mileage: 197

**Highway Accident Number:** IAD-79-P-H014

**Local time:** 2:50
**Date:** 8-13-78
**Weather:** Clear - dry

**Vehicle:**
- **Year:**
  - 1. 1976 Ford
  - 2. 1977 Cindy
  - 3. 1976 Datsun

- **Make:** Tractor
- **Model:** Box
- **Type:** Semitrailer
- **Operator:** " "
- **City & State of Business/Residence:** Conveira Heights, Delaware

**Accident Description:**
Type of accident and presence or absence of significant precrash, crash and postcrash factors

- Tractor - semitrailer northbound on State Route No. 9, made a left turn into parking lot on west side of road. Southbound Datsun struck semitrailer behind rear wheels and lodged under trailer bed. Two lane highway. No street lights. Datsun driver killed, passenger injured.

**Probable Cause:**
1. Improper left turn in face of oncoming traffic

**Other Factors:**
1. 
2. 
3. 

**Fatalities:**
- **Number:** (driver, passenger, pedestrian)
  - Driver of Datsun
  - Passenger in Datsun

**Injuries:**
- **Number:** (driver, passenger, pedestrian)
  - Passenger in Datsun

**Probable Cause of Casualty:**
1. Impact with steering wheel and windshield
2. Neither occupant wearing available restraints
3. 

**Property Losses:**
- **Vehicles:** $2,800
- **Other Property:** None
NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: NY-107-78
Highway Accident Number: MKC-79-D-002

Reporting Agency: Kansas City Field Office

Location:
- City: Houston
- State: Texas
- Date: 7-9-78
- Time: 1150
- Weather: Partly Cloudy Day
- Light condition: Daylight
- Road: Interstate 610
- Intersecting Street:

Vehicle: Year | Make | Model | Type | Operator | City & State of Business/Residence
--- | --- | --- | --- | --- | ---
1. 1977 | Kenworth | | Tractor | E&N Fertilizer Transport Inc. | Houston, Texas
2. 1978 | Pontiac | Grand Prix | 2 door sedan | Privately owned |
3. 1977 | Cadillac | Coupe Deville | 2 door sedan | Privately owned |
4. | | | |

Accident Description:
All three vehicles were southbound in respective lanes (1, 2, & 3). Truck made a lane change from center lane into curb lane. Tractor struck left side of the Pontiac. Front tire on tractor blew out and truck swerved to left striking the Cadillac. Truck ran off into the median divider where it struck a guardrail and steel pole.

Probable 1. Excessive speed and improper lane change without adequate free road space.
Cause:
2. 
3. 

Other Factors:
1. Tire blow out on tractor
2. Unprotected steel pole in the median. This was not a break-away pole.
3. 

Fatalities:
- Number: (driver, passenger, pedestrian)
  - 1. Truckdriver
- Injuries:
  - Number: (driver, passenger, pedestrian)
    - 1. Passenger in truck
  - Drivers of passenger cars

Probable Cause of Casualty:
1. Collision with unprotected, non-break-away steel pole
2. Truckdriver impacted by steering wheel - not wearing seat belt
3. Co-truckdriver unrestrained thrown against dash

Property Losses:
- Vehicles: $8,000.00
- Other Property: $11,000.00 guardrail & pole
**NATIONAL TRANSPORTATION SAFETY BOARD**  
Washington, D.C. 20594

**Reporting Agency:** Kansas City Field Office  
**Docket Number:** HY-106-78  
**Highway Accident Number:** KNC-79-D-0003

**Location:**  
City: Buffalo  
State: Missouri  
Local time: Date: 11/15/77  
Weather: Cloudy - dry  
Light condition: Darkness - no ambient  
Road: U.S. Route 65  
Intersecting Street: Route "P"  
City & State of Business/Residence: Springfield, Missouri

**Vehicle:**  
1. Year: 1976  
Make: Ford  
Model: LT 9000  
Type: Tractor  
Operator: National Oil & Supply Company  
Business/Residence: Privately owned

2. Year: 1973  
Make: Chevrolet  
Model: Pickup truck  
Type: Camper cab  
Operator: National Oil & Supply Company  
Business/Residence: Privately owned

3.  
4.  

**Accident Description:** (type of accident and presence or absence of significant precrash, crash and postcrash factors)  
Truck was entering U.S. Route 65 from a narrow commercial driveway. The emergence action was slow due to 2-lane highway, narrow drive, and length of trailer. Auto came over crest of a hill, could not stop and struck left side of trailer. Driver of auto was killed. Driver of auto was 74 years old and fatigued. There were only 15 feet of preimpact skid marks.

**Probable Cause:**  
1. The slow maneuver of the truck in entering a highway without precautions to warn traffic.

**Cause:**  
1. The age and fatigued condition of driver of auto resulted in late perception and slow reaction time.

**Other Factors:**  
1. Failure to install signs in advance of a "hidden" commercial driveway.

**Fatalities:**  
Number: (driver, passenger, pedestrian)  
1. Driver of auto  
2.  
3.  

**Injuries:**  
Number: (driver, passenger, pedestrian)  
1. Driver of truck  
2.  
3.  

**Property Losses:**  
Vehicles: 33,500  
Other Property: 0

1. Auto driver, unrestrained, struck steering column, wheel & windshield.
2. Auto passenger, unrestrained, struck dash & windshield.
3. Truckdriver, unrestrained, tossed about inside cab of tractor.
NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-103-78

Highway Accident Number: MRC-79-D-H684

Reporting Agency: Kansas City Field Office

Location:
City: Marshfield Ward
State: Wisconsin
Road: South Central Avenue
Intersecting Street: 4th Street

Local time: 19:28
Date: 10-24-77
Weather: Raining
Light condition: Dark - Street lights

Vehicle: Year Make Model Type Operator
1. 1977 International Harvester COE Tractor Schneider Transport, Inc.
2. 1977 AMC Hornet Sportabour Wg. Privately owned
3. 1977 Pontiac Trans Am 2 door sedan Privately owned
4. 

City & State of Business/Residence: Green Bay, Wisconsin

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
Hornet eastbound on 4th Street entered intersection on a green light and was struck by the truck southbound on South Central Avenue. Truck entered intersection on red light. Truck swerved left, crossed a raised median and struck the Pontiac which was northbound on South Central Avenue.

Probable Cause of Casualty:
1. Impact forces - driver unrestrained struck "A" pillar
2.
3.

Probable Cause of Casualty:
1. Property Losses:
Vehicles: $2,500.00
Other Property: None
NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HW-105-78
Highway Accident Number: WKC-79-D-8005

Reporting Agency: Kansas City Field Office

Location:
City: Lincoln
State: Nebraska
Local time: 1550
Date: 10-1-78
Weather: Clear - dry
Light condition: Daylight

Road: U.S. Route 34
Intersecting Street: 56th Street

Vehicle: Year Make Model Type Operator
1. 1978 White PCT Tractor W.J. Bigby, Inc.
2. 1977 Pontiac 2 door Sedan Privately owned
3. 
4. 

City & State of Business/Residence
Creeley, Colorado

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)

Truck westbound on U.S. Route 34, entered the intersection of 56th Street on red traffic light. Pontiac southbound, on 56th Street entered intersection as light turned green and was struck broadside by truck.

Probable Cause
1. Truck failed to obey red traffic signal and failed to yield right-of-way to cross traffic.

Cause:
2. Pontiac failed to exercise due caution in entering an intersection.
3. Excessive speed on part of truck.

Other Factors:
1. Truckdriver fatigue. Driver falsified logs to conceal real driving time.
2. 
3. 

Fatalities:
Number: (driver, passenger, pedestrian)
1 Driver of Pontiac

Injuries:
Number: (driver, passenger, pedestrian)
1 Driver of truck

Probable Cause of Casualty:
1. Impact injuries
2. 
3. 

Property Losses:
Vehicles: $6,000
Other Property: None
Reporting Agency: Kansas City Field Office

Location: Winthrop, State Iowa
Road: Intersecting Street Route 282

Local time: 0430 5-2-78
Weather: Clear & dry
Light condition: Darkness

Vehicle: Year 1973 Make White Model Road Commander Type Tractor Operator Ed Folkman & Sons

1. 2. 3. 4.

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)

Tractor-tank semitrailer, westbound on U.S. 20 and while negotiating a 90° left curve - went off the right side of the roadway, struck a traffic sign, jackknifed and turned over. The cargo in the tank (anhydrous ammonia) began to leak out.

Probable Cause of Casualty:
1. Truckdriver lost control of vehicle while negotiating curve due to improper turning radius and/or excessive speed.
2. Truckdriver not licensed to drive tractor-semitrailer.
3. 

Other Factors: 
1. 
2. 
3. 

Fatalities: Number: (driver, passenger, pedestrian) 2

Injuries: Number: (driver, passenger, pedestrian) 

1. Truckdriver

Other Property Losses: 

Vehicle(s): $20,000

Property Losses: $5,000
NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594  

Docket Number: HY-175-79  
Highway Accident Number: WC-79-D-0007

<table>
<thead>
<tr>
<th>Reporting Agency:</th>
<th>Kansas City Field Office</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location:</td>
<td></td>
</tr>
<tr>
<td>City</td>
<td>Staffing Ground</td>
</tr>
<tr>
<td>State</td>
<td>Kentucky</td>
</tr>
<tr>
<td>Road</td>
<td>State Route 227</td>
</tr>
<tr>
<td>Intersecting Street</td>
<td>Milepost #8</td>
</tr>
<tr>
<td>Vehicle: Year</td>
<td>1972</td>
</tr>
<tr>
<td>Make</td>
<td>International</td>
</tr>
<tr>
<td>Model</td>
<td>Harvester</td>
</tr>
<tr>
<td>Type</td>
<td>Tractor</td>
</tr>
<tr>
<td>Operator</td>
<td>Creith &amp; Woodford Lumber Co.</td>
</tr>
<tr>
<td>City &amp; State of Business/Residence</td>
<td>Inkster, Michigan</td>
</tr>
</tbody>
</table>

Local time: 1500  
Date: 07-31-78  
Weather: Clear - dry  
Light condition: Daylight

Description:  
(type of accident and presence or absence of significant precrash, crash and postcrash factors)  
Truck southbound on State Route 227 on a downgrade. Truck entering a left curve ran off of the road on the right side, plowed through a wire fence, struck an embankment and overturned. Driver ejected and pinned under overturned truck.

Probable Cause of Casualty:  
1. Crushing forces of overturned truck.  
2. Driver was ejected because he was not wearing available seatbelt.  
3. 

Probable:  
1. Driver fatigue, fell asleep and vehicle ran off road and overturned.

Cause:  
2. 
3. 

Other Factors:  
1. Unfavorable roadside environment.  
2. 
3. 

Fatalities:  
Number: (driver, passenger, pedestrian)  
Injuries: Number: (driver, passenger, pedestrian)  

- Driver of truck: None  

Property Losses:  
Vehicles: $10,500.00  
Other Property: $2,000.00
Reporting Agency: Kansas City Field Office

Location: City Brookville, State Indiana

Road: U.S. 52

Intersection: Highland County Road

Vehicle: Year Make Model Type Operator
1. 1978 Mack Truck Tractor Louis D. Schunk
2. 1974 Dodge Charger 2-door Privately owned
3. 
4. 

Docket Number: HY-124-79
Highway Accident Number: NKC-79-D-0008

Date: 5-28-78

Local time: 1500

Weather: Clear
Light condition: Daylight

City & State of Business/Residence: Cincinnati, Ohio

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
The truck entered a right hand curve at a speed too fast to safely negotiate the curve. Speed, coupled with the vehicle's high center of gravity, caused the vehicle to overturn in the roadway. While taking evasive action, the Dodge was struck on its right side by the truck.

Probable Cause of Casualty:
1. Crushing forces due to vehicle deformation.
2. 
3. 

Probable Factors:
1. A center of gravity on the semitrailer contributed to the overturn in the road.
2. 
3. 

Fatalities: Number: (driver, passenger, pedestrian) Injuries: Number: (driver, passenger, pedestrian)
1. 
2. 
3. Driver & 3 passengers of the Dodge

Property Losses: Vehicles: $15,000

Other Property: None
NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: NY-125-79
Highway Accident Number: HCR-79-D-0009

Reporting Agency: Kansas City Field Office

Location: City Dallas, State Texas
Intersecting Street: Abram Rd.

Vehicle: Year Make Model Type Operator
1. 1976 Peterbilt
2. 1976 Ford Pinto
3. 1974 Ford Torino

Type: Tractor-semitrailer
Trailer
Sedan

Operator: Owner-operator
Privately owned

Local time: 1515
Date: 7-24-78
Weather: Clear & dry
Light condition: Daylight

Accident Description: (type of accident and presence or absence of significant precrash, crash, and postcrash factors)
A tractor-semitrailer westbound on the LBJ Freeway in the #2 lane attempted to change lanes to the right to the #1 lane, struck a westbound Ford Pinto. The Pinto lost control veered left across 4 lanes and struck the median barrier, bounced off and was struck by a westbound Ford Torino. The Pinto rotated and struck the left side of the tractor.

Probable Cause: 1. Improper lane change by tractor semitrailer.
2. Delayed perception of Pinto by truckdriver (did not perceive until contact).
3.

Other Factors: 1. Position and size of Ford Pinto may have prevented truckdriver from seeing it.
2.
3.

Fatalities: Number: (driver, passenger, pedestrian) Injuries: Number: (driver, passenger, pedestrian)
1. Driver of Ford Pinto
...
...

Probable Cause of Casualty:
1. Multiple impacts.
2.
3.
NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-130-79

Agency: Kansas City Field Office
Highway Accident Number: MVC-79-D-0011

Location:
City: Little Rock  State: Arkansas  Date: 2-22-79  Time: 1-27-78
Intersecting Street: Roosevelt Rd, Exit Ramp

Vehicle: Year  Make  Model  Type  Operator
1. 1977  White  semitrailer  Owner-operator
2. 1968  Pontiac  LeMans  Sedan  Privately owned
3. 1977  Datsun  Datsun  Sedan  Privately owned

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
A tractor-trailer westbound on I-30, stopped in the center lane, because it had passed its intended exit and was struck in the rear by a westbound Pontiac sedan which was struck in the rear by a westbound Datsun sedan. A fire resulted in the Pontiac.

Probable Cause of Casualty:
1. Impact forces and consumed by the fire.
2. 
3. 

Probable 1. Truck made sudden and illegal stop in travel portion of highway.
Cause:
2. Passenger cars following too closely and their perception was delayed because they did not expect the stop.
3. 

Other Factors:
1. Poor driving strategy of the truck driver.
2. Inadequate, substandard exit advisory signs.
3. 

Fatalities: Number: (driver, passenger, pedestrian) 1 Driver of Pontiac

Injuries: Number: (driver, passenger, pedestrian) 1 Datsun driver

1 Pontiac passenger

Property Losses:
Vehicles: $4,525.00
Other Property: None
### Accident Description

Truck was westbound on County Road 8. The Volkswagen was southbound on U.S. Route 77. Truck failed to stop at intersection and entered U.S. Route 77 in path of Volkswagen. Advance "Stop" warning and stop signs installed on County Road 8. Stop sign installation (location) not in conformance with the Manual on Uniform Traffic Control Devices. Truckdriver claimed brake failure. Truck not available for post-crash inspection by NTSB investigator.

### Probable Cause of Casualty

1. Unrestrained drivers contacted interior vehicle structures.
2. 
3. 

### Fatalities

<table>
<thead>
<tr>
<th>Number</th>
<th>(driver, passenger, pedestrian)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Driver of Volkswagen</td>
</tr>
</tbody>
</table>

### Injuries

<table>
<thead>
<tr>
<th>Number</th>
<th>(driver, passenger, pedestrian)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Truckdriver</td>
</tr>
</tbody>
</table>
NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594  
Docket Number: HY-131-79  
Highway Accident Number: MKC-79-D-H013

<table>
<thead>
<tr>
<th>Reporting Agency: Kansas City Field Office</th>
<th>Location: City Winner, State South Dakota</th>
</tr>
</thead>
<tbody>
<tr>
<td>Docket Number: HY-131-79</td>
<td>Highway Accident Number: MKC-79-D-H013</td>
</tr>
<tr>
<td>Local time: Date: Weather: Light condition:</td>
<td>City &amp; State of Business/Residence</td>
</tr>
<tr>
<td>2130  4-13-78 Clear - dry Darkness</td>
<td>Winner, South Dakota</td>
</tr>
</tbody>
</table>

**Road** U.S. Route 183  
**Intersecting Street** U.S. Route 18

<table>
<thead>
<tr>
<th>Vehicle</th>
<th>Year</th>
<th>Make</th>
<th>Model</th>
<th>Type</th>
<th>Operator</th>
<th>Business/Residence</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1977</td>
<td>Kenworth</td>
<td>Tractor</td>
<td>Payne Transportation, Inc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>1966</td>
<td>Mercury</td>
<td>Sedan</td>
<td>Privately owned</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Accident Description:** (type of accident and presence or absence of significant precrash, crash and postcrash factors)

Tractor semitrailer southbound on U.S. Route 183, struck the rear of the Mercury which was stopped in the traffic lane facing south on U.S. Route 183 while the owner was changing the right front tire. The owner of the Mercury saw the truck approaching and jumped to safety. Truck struck and overrode the rear of the Mercury. Both vehicles with Mercury under the tractor traveled about 240 feet, swerved off the road, and the truck tipped over on its left side.

**Probable Cause of Casualty:**

1. Crushed in car due to override.
2. 
3. 

**Probable Cause of Casualty:**

1. Crushed in car due to override.
2. 
3. 

**Property Losses:**

**Vehicles:** $5,000  
**Other Property:** None
NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594  
Docket Number: HY-132-79

Agency: Kansas City Field Office  
Highway Accident Number: MVC-79-D-8016

Location:  
City: Edgemont  
State: South Dakota  
Road: U.S. Route 18  
Intersecting Street: State Route 67

Local time: 2140  
Date: 11-27-78  
Weather: Clear & dry  
Light condition: Darkness

Vehicle: Year Make Model Type Operator  
1. 1977 Peterbilt Tractor Livestock Services, Inc.  
   Cloud, Minnesota

Vehicle: Year Make Model Type Operator  
2.  

Vehicle: Year Make Model Type Operator  
3.  

Vehicle: Year Make Model Type Operator  
4.  

City & State of Business/Residence  
City: Cloud  
State: Minnesota

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)  
Tractor-semitrailer, carrying hanging sides of beef, was westbound on U.S. 18, and while negotiating a 180° right curve the truck overturned on the roadway. The driver was admittedly going 50-55 mph. The curve was posted at 25 mph.

Probable Cause of Casualty:  
1. None  
2.  
3.  

Probable Cause of Casualty:  
Property Losses:  
Vehicles: $22,000  
Other Property: None
NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-133-79
Highway Accident Number: MVC-79-D-9015

Reporting Agency: Kansas City Field Office

Location:
City: Blue Earth
State: Minnesota
Road: U.S. Route 16
Intersecting Street: CSAH 17

Local time: 2310
Date: 9-8-78
Weather: Clear - dry

Light condition: Dark

City & State of Business/Residence:
Midwest Coast Transport, Inc., Sioux Falls, South Dakota

Vehicle: Year Make Model Tractor Type Operator
1. 1977 Kenworth semi-tractor
2. 1976 Chevrolet Monza 2 door sedan
3. Privately owned

Accident Description:
A passenger car eastbound on U.S. 16 was making a left turn into CSAH 13 and was struck in the left rear by an eastbound truck. After the collision the passenger car came to rest in a ditch adjacent to the road and the truck overturned on the road.

Probable Cause:
1. Truck following passenger car too closely.
2. Improper evasive action by truckdriver.

Other Factors:
1.
2.
3.

Fatalities: Number: (driver, passenger, pedestrian)
1. Driver of passenger car
2.
3.

Injuries: Number: (driver, passenger, pedestrian)
1. Truckdriver
2.
3.

Probable Cause of Casualty:
1. Unknown
2.
3.

Property Losses:
Vehicles: $38,500.00
Other Property:
**NATIONAL TRANSPORTATION SAFETY BOARD**  
Washington, D.C. 20594

<table>
<thead>
<tr>
<th>Reporting Agency:</th>
<th>Kansas City Field Office</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location:</td>
<td>Rapid City, South Dakota</td>
</tr>
<tr>
<td>Road:</td>
<td>County Rd. 473</td>
</tr>
<tr>
<td>Interstate:</td>
<td>90 (Ex 88)</td>
</tr>
<tr>
<td>Vehicle:</td>
<td>1974 Kenworth semi-trailer</td>
</tr>
<tr>
<td>Type:</td>
<td>Tractor</td>
</tr>
<tr>
<td>Operator:</td>
<td>Krause Plow Corporation</td>
</tr>
<tr>
<td>City &amp; State of Residence:</td>
<td>Hutchinson, Kansas</td>
</tr>
</tbody>
</table>

**Description:** (type of accident and presence or absence of significant precrash, crash and postcrash factors)
Eastbound truck exited I-90 onto off ramp 98 and failed to stop at a stop sign at a "T" intersection. The truck went across the intersecting road (County Rd. 473) mounted the east curb and went down a 30-foot embankment.

**Probable Cause of Casualty:**
1. Impact forces within the vehicle.
2. Driver was not restrained.
NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-164-79
Highway Accident Number: MCC-79-D-4017

Reporting Agency: Kansas City Field Office

Location:
City: Cheekswood
State: New York
Intersection: Dick Road

Vehicle: Year Make Model Tractor Type Operator
1. 1976 White tractor-trailer "Tractor Lines"
2. 1975 Ford 4-door sedan Privately owned
3. 
4. 

City & State of Business/Residence: Oklahoma City, Oklahoma

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
A tractor-semitrailer, leaving its terminal, pulled into the roadway after stopping at the roadside and was struck on the left side of the trailer by the westbound Ford.

Probable Cause:
1. Truck driver failed to yield right-of-way to the Ford. Truck driver apparently misjudged the car's
2. speed and distance.
3. Car driver failed to perceive the truck until he was beyond the point of no escape.

Other Factors:
1. Wet road surface.
2.
3.

Fatalities: Number: (driver, passenger, pedestrian) Injuries: Number: (driver, passenger, pedestrian)
1. Ford driver None
2. 
3. 

Probable Cause of Casualty:
1. Impact forces within the vehicle. Passenger compartment:
2. invaded by trailer frame:
3. 

Property Losses:
Vehicles: $1,000
Other Property: None
NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Agency: Kansas City Field Office

Location: Louisville, Kentucky

Road: Interstate 71

Intersecting Street: Interstate 65

Date: 5-21-78

Weather: Clear - Dry

Light condition: Dusk

Vehicle: Year
1. 1976
2. 1978
3. 
4. 

Make
White
Oldsmobile

Model
C.O.E.

Type
Tractor
2 door sedan

Operator
Roadway Express Inc.
Privately owned

Operator's Business/Residence
Akron, Ohio

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
Truck and sedan were southbound on a 2 lane curved, exit ramp, exiting from I-71. The truck who was in the inside lane turned over onto its right side and landed on the sedan which was in the outside lane.

Probable Cause:
1. Truck speed on curve too fast for conditions.

Cause:
2. 
3. 

Other Factors:
1. High center of gravity contributed to truck overturn.
2. 
3. 

Fatalities:
Number: (driver, passenger, pedestrian)
1. Driver (Oldsmobile)

Injuries:
Number: (driver, passenger, pedestrian)
2. Oldsmobile passengers

Probable Cause of Casualty:
1. Vehicle body collapse - crushing injuries.
2. 
3. 

Property Losses:
Vehicles: $15,000

Other Property: None
NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-151-79

Agency: Kansas City Field Office

Location:
City: Morgan
State: Utah
Local time: 1225
Date: 7-11-78
Weather: Clear - dry
Light condition: Daylight

Road: U.S. Route 84
Intersecting Street: Milepost 105

City & State of Business/Residence: Greeley, Colorado

Vehicle:
1. Year: 1977
Make: Kenworth
Model: Conventional
Type: Tractor
Operator: Shupe Bros. Company
2. Year: 1978
Make: Kawasaki
Model: KZ1000
Type: Motorcycle
Operator: Privately owned

Accident:
Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
Truck and motorcycle both westbound on Route 84 in the right lane; as the truck attempted to change lanes to pass the motorcycle, it struck the motorcycle in the rear. The motorcycle went on its side and the driver was ejected. The truck went off the road and overturned on the median.

Probable Cause:
1. Truck attempted to pass the motorcycle while there was insufficient room for this maneuver.

Cause:
2. Truck driver misjudged the clearance, and took an unnecessary risk.
3. Truck failed to give right-of-way to motorcycle and was following too closely.

Other Factors:
1.
2.
3.

Fatalities:
Number: (driver, passenger, pedestrian)
1. Motorcycle driver

Injuries:
Number: (driver, passenger, pedestrian)
1. Truck driver

Probable Cause of Casualty:
1. Motorcycle driver ejected and slid along roadway.
2.
3.

Property Losses:
Vehicles: $30,500
Other Property: None
NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Docket Number: HY-172-79  
Highway Accident Number: MRC-79-D-003

Reporting Agency: Kansas City Field Office

Location:  
City: Deerwood  
State: Minnesota  
Road: U.S. Route 210  
Intersecting Street: State Route 6  
Local time: 1644  
Date: 10-10-79  
Weather: Clear  
Light condition: Daylight

City & State of Business/Residence: Lake Park, Minnesota

Vehicle: Year Make Model Type Operator
1. 1969 Peterbilt Conventional Tractor Roger Westlund
2. 1978 AMC Jeep Utility Privately owned
3. 
4. 

Accident Description: (Type of accident and presence or absence of significant precrash, crash and postcrash factors)

2. Jeep, northbound on Route 6, stopped at a "stop sign" at the intersection of U.S. 210 and then proceeded into the intersection into the path of the eastbound tractor-trailer, and was struck in the left side.

Probable Cause: 1. Jeep driver failed to yield right-of-way to truck at intersection.
2. Jeep driver apparently did not perceive the truck.
3. Truck apparently beyond the point of no escape when the jeep encroached on its path.

Other Factors: 1. 
2. 
3. 

Fatalities: Number: (Driver, passenger, pedestrian)
1. Driver (Jeep)

Injuries: Number: (Driver, passenger, pedestrian)

Probable Cause of Casualty:
1. Impact forces. Driver was not wearing seatbelt.
2. 
3. 

Property Losses:
Vehicles: $1,200
Other Property: None
Reporting Agency: Oakland Field Office

Location:
- City: Buckeye
- State: Arizona
- Road: Interstate 10 Eastbound
- Intersecting Street: None
- Date: 11-15-78
- Weather: Clear
- Light Condition: Darkness

Vehicle:
1. Year: 1977
   Make: Kenworth
   Model: C.O.E.
   Type: Tractor
   Operator: David L. Griffin
   Location: Beaver Road, Missouri
2. Year: 1966
   Make: White
   Model: C.O.E.
   Type: Tractor
   Operator: Robert S. Kinzer, Jr.
   Location: Wandaal, Arizona
3. 
4. 

Accident Description:
- Kenworth truck was stopped in the eastbound emergency parking lane with the emergency equipment in operation.
- The White Freightliner truck was eastbound in the number two lane, crossed into the emergency parking lane and struck the Kenworth truck.

Probable Cause of Casualty:
1. Unknown
2. 
3. 

Fatalities:
Number: 1 (driver, passenger, pedestrian)
- Co-driver of Kenworth truck

Injuries:
Number: 3 (driver, passenger, pedestrian)
- Driver and passenger of Kenworth truck
- Driver of White truck

Property Losses:
- Vehicles: $35,000.00
- Other Property: None
NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Docket Number: HY-114-78

Agency: Oakland Field Office  
Highway Accident Number: OAK-72-D-9006

Location:  
City: Moses Lake  
State: Washington  
Date: 11-18-78  
Weather: Snowing  
Light condition: Daylight

Road: Interstate 90  
Intersecting Street: None

Vehicle:  
<table>
<thead>
<tr>
<th>Year</th>
<th>Make</th>
<th>Model</th>
<th>Type</th>
<th>Operator</th>
<th>City &amp; State of Business/Residence</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1977</td>
<td>Kenworth</td>
<td>Tractor</td>
<td>Pacific Intermountain Express</td>
<td>Oakland, California</td>
</tr>
<tr>
<td>2.</td>
<td>1973</td>
<td>Pontiac</td>
<td>Ventura</td>
<td>Privately owned</td>
<td>N/A</td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Driver of eastbound truck lost control of the vehicle on snow and ice covered roadway, crossed the median and turned over in the westbound lanes. The westbound Pontiac then drove into the overturned tractor.

Probable Cause of Casualty:
1. Not known
2.                                        
3.                                        

Date: 11-18-78  
Weather: Snowing  
Light condition: Daylight

Probable 1. Truckdriver driving too fast for conditions and failed to maintain vehicle control.

Other Factors:
1. Pontiac driver driving too fast for conditions
2. Medium did not prevent truck from going into opposing lanes

Number: (driver, passenger, pedestrian)  
None  

Injuries:  
3. Driver & passengers of Pontiac
1. Truckdriver

Number: (driver, passenger, pedestrian)  

Probable Cause of Casualty:
1. Not known
2.                                        
3.                                        

Property Losses:
Vehicles: $33,000  
Other Property: None
NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Oakland Field Office  
Highway Accident Number: OAK-79-D-N005

Location:  
City: Firestone  
State: Colorado  
Road: U.S. Route 25  
Intersecting Street:  
Milepost: 238

Local time: Date: Weather: Light condition:  
2300  
11-7-78  
Clear - dry  
Dark

Vehicle: Year Make Model Type Operator  
1. 1976 Kenworth  
Tractor  
Panco Leasing Inc.  
Pt. Collins, Colorado

2. 1978 International  
Tractor  
Younger Trans. Co.  
Monroe City, Louisiana

3.  

4.  

City & State of Business/Residence

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)

Kenworth tractor tank semitrailer was northbound on Route 25 when it was struck in the rear by the International truck which was also northbound on Route 25. Both vehicles went off the highway on the right. The Kenworth overturned on a frontage road. Both vehicles caught fire at impact.

Probable Cause of Casualty:

1. Fire injuries.
2. 
3. 

Probable 1. The International truck was following too closely.
Cause:
2. Failed to perceive and take evasive action to avoid the slower moving Kenworth truck.
3. 

Other Factors:

1. International driver was fatigued.
2. High center of gravity and internal surge of partially loaded cargo tank contributed to vehicle overturn.
3. 

Fatalities: Number: (driver, passenger, pedestrian)

1. Truckdriver (International)

Injuries: Number: (driver, passenger, pedestrian)

None

Property Losses: 

Vehicles: $146,500.00

Other Property: None
NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Oakland Field Office

Highway Accident Number: 65-95-1975

Location:
City: Calistoga
State: California
Local time: 0650
Date: 12-15-78
Weather: Fog - dry
Light condition: Daylight (dawn)
Intersecting Street: Xena Overpass

Vehicle: Year Make Model Type Operator
1. 1969 White Freightliner Tractor San Diego Spring Co. San Diego, California
2. 1965 Strickland Van Semitrailer San Diego Spring Co. San Diego, California
3. 10 other vehicles - see attachment

Accident Description: (type of accident and presence or absence of significant precrash, crash and post-crash factors)
All vehicles southbound traveling 45-50 mph under fog conditions. Visibility estimated at 50-75 feet. The white truck rear-ended a slower moving passenger car starting a chain reaction series of collisions involving a total of 11 vehicles.

Probable Cause:
1. Driving too fast for limited visibility conditions.
2. Variation of speeds between vehicles.

Other Factors:
1. None
2. 
3. 

Fatalities:
Number: (driver, passenger, pedestrian)
1. Truck driver vehicle #1
2. Driver 1947 Chevrolet vehicle #2
3. Truck driver vehicle #10

Injuries:
Number: (driver, passenger, pedestrian)
2. Passengers in 1975 Chevrolet
3. Passengers in trucks

Probable Cause of Casualty:
1. Massive head and body impact injuries.
2. Victims were not wearing available occupant restraints.
3. 

Property Losses:
Vehicles: $150,000
Other Property: None
<table>
<thead>
<tr>
<th>Passenger Vehicles</th>
<th>Operator</th>
<th>City &amp; State</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. 1975 Chevrolet 2-door sedan</td>
<td>Robert G. Castron</td>
<td>Del Rio, Texas</td>
</tr>
<tr>
<td>4. 1976 Chevrolet Pickup Truck</td>
<td>Matias Vanez, Jr.</td>
<td>Lemoore, California</td>
</tr>
<tr>
<td>5. 1973 International Travel-all Van</td>
<td>Anthony Omar Martin</td>
<td>Tulare, California</td>
</tr>
<tr>
<td>6. 1973 White Freightliner 3-axle tractor/semitrailer</td>
<td>Lee Way Motor Freight Lines</td>
<td>Oklahoma City, Oklahoma</td>
</tr>
<tr>
<td>7. 1978 White Freightliner 3-axle tractor/semitrailer</td>
<td>Lee Way Motor Freight Lines</td>
<td>Oklahoma City, Oklahoma</td>
</tr>
<tr>
<td>8. 1973 Mack 3-axle tractor</td>
<td>Paul Sanford Sanders</td>
<td>Custine, California</td>
</tr>
<tr>
<td>9. 1978 Kenworth 3-axle tractor/semitrailer</td>
<td>American Transfer</td>
<td>Fresno, California</td>
</tr>
<tr>
<td>10. 1972 White Freightliner 3-axle tractor/semitrailer</td>
<td>Alflex Corp.</td>
<td>Long Beach, California</td>
</tr>
<tr>
<td>11. 1976 Ford 2-axle tractor/double bottom</td>
<td>Builders Exmporium, West, Inc.</td>
<td>Irvine, California</td>
</tr>
<tr>
<td>12. 1971 White Freightliner 3-axle tractor/semitrailer</td>
<td>Coast Gas Inc.</td>
<td>Watsonville, California</td>
</tr>
</tbody>
</table>
NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594  

Docket Number: HY-153-79  
Highway Accident Number: OAK-79-N-0008  

Reporting Agency: Oakland Field Office  

Location:  
City: Laramie  
State: Wyoming  
Road: State Route 287  
Intersecting Street: Milepost 4.65  

Local time: 1820  
Date: 9-8-78  
Weather: Raining  
Light condition: Daylight  

Vehicle: Year  Make  Model  Type  Operator  City & State of Business/Residence  
2. 1975  Chevrolet  Pickup truck  Kenneth M. Buckles  Laramie, Wyoming  
3. 4.  

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)  
Tractor hauling two empty semitrailers southbound. For no known reason truck drove to the left of the centerline into path of northbound pickup truck. Semitrailer jackknifed. Pickup truck did not have time to take evasive action. No preimpact tire braking marks from either vehicle. The road was a two lane, two-way highway.  

Probable Cause:  
1. Driving on the wrong side of the road.  
2. Inattention to driving task.  
3.  

Other Factors:  
1. Possible driver fatigue.  
2. Limited visibility due to rain.  
3.  

Fatalities: Number: (driver, passenger, pedestrian)  
1. Driver of Pickup  

Injuries: Number: (driver, passenger, pedestrian)  
1. Driver of White tractor  
2. Passengers of Pickup truck  

Probable Cause of Casualty:  
1. Impact forces - None of the four occupants were wearing seatbelts.  
2. available seatbelts.  
3.  

Property Losses:  
Vehicles: $15,000  
Other Property: None  

| Reporting Agency: Oakland Field Office | Docket Number: HY-154-79 |
| Location: City Lane Oregon | Highway Accident Number: OAK-79-D-1009 |
| Road State Route 52 Intersecting Street |

<table>
<thead>
<tr>
<th>Vehicle Year</th>
<th>Make</th>
<th>Model</th>
<th>Type</th>
<th>Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. 1965</td>
<td>Kenworth</td>
<td>K100</td>
<td>Tractor</td>
<td>James C. Bucking (owner/operator)</td>
</tr>
<tr>
<td>3. 1977</td>
<td>Chevrolet</td>
<td>4 door</td>
<td>sedan</td>
<td>Privately owned</td>
</tr>
<tr>
<td>4. 1978</td>
<td>Dodge</td>
<td>Aspen</td>
<td>sedan</td>
<td>Privately owned</td>
</tr>
</tbody>
</table>

**Accident Description:** (type of accident and presence or absence of significant precrash, crash and postcrash factors)

Kenworth truck going down a 5-percent grade. Truck brakes failed. At high speed, truck failed to negotiate a tight curve, struck the White tractor headon, rolled onto its left side and slid into the two automobiles. Brakes on Kenworth tractor and semitrailer out of adjustment, owner has no maintenance program.

**Probable Cause of Casualty:**

1. Driver of White truck elected and pinned under truck.
2. 
3. 

**Probable Cause of Casualty:**

1. Driver of White truck elected and pinned under truck.
2. 
3. 

**Fatality:**

<table>
<thead>
<tr>
<th>Number</th>
<th>(driver, passenger, pedestrian)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Driver of White truck.</td>
</tr>
</tbody>
</table>

**Injuries:**

<table>
<thead>
<tr>
<th>Number</th>
<th>(driver, passenger, pedestrian)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Passengers in two automobiles</td>
</tr>
<tr>
<td>1</td>
<td>Driver of Kenworth truck.</td>
</tr>
<tr>
<td>1</td>
<td>Driver of Chevrolet</td>
</tr>
<tr>
<td>1</td>
<td>Driver of Dodge</td>
</tr>
</tbody>
</table>

**Property Loss:**

<table>
<thead>
<tr>
<th>Vehicles</th>
<th>$23,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Property</td>
<td>None</td>
</tr>
<tr>
<td>Number</td>
<td>Year</td>
</tr>
<tr>
<td>--------</td>
<td>------</td>
</tr>
<tr>
<td>1.</td>
<td>1974</td>
</tr>
<tr>
<td>2.</td>
<td>1965</td>
</tr>
<tr>
<td>3.</td>
<td>1969</td>
</tr>
<tr>
<td>4.</td>
<td>1977</td>
</tr>
</tbody>
</table>

**Accident Description:** (type of accident and presence or absence of significant precrash, crash and postcrash factors)

The two automobiles were stopped behind a disabled vehicle. The motorcycle ran into the back end of the Chevrolet pickup. Then the Kenworth truck struck the motorcycle and drove it into the Chevrolet and Plymouth. Disabled vehicle was out of fuel. This was an urban area.

**Probable Cause of Casualty:**

1. Crushing forces from impact by truck
2. Other
3. Other

**Probable Cause of Casualty:**

1. Inattention to traffic conditions by driver of motorcycle and truckdriver.
2. Motorcycle and truck were following traffic ahead too closely.
3. Excessive speed for traffic conditions.

**Other Factors:**

1. None
2. None
3. None

**Fatalities:**

1. Passenger on motorcycle
2. Other
3. Other
4. Other

**Injuries:**

1. (driver, passenger, pedestrian)
2. (driver, passenger, pedestrian)
3. (driver, passenger, pedestrian)
4. (driver, passenger, pedestrian)

**Property Losses:**

Vehicles: $12,500
Other Property: None
NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594  

Docket Number: HY-171-79  

Agency: Oakland Field Office  

Highway Accident Number: OAK-79-D-0011  

Location:  
City: Boise  
State: Idaho  
Road: Interstate 80  
Intersecting Street:  
Milepost: 62  

Local time: 01:50  
Date: 3-9-79  
Weather: Clear - dry  
Light condition: Darkness  

City & State of Business/Residence: Boise, Idaho  

Vehicle: Year  Make  Model  Type  Operator  
1. 1977  Dodge  Van  Leroy Gerald Stockton  
2.  
3.  
4.  

Accident:  
Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)  
Van drove off of the slow lane, over corrected to the left, lost control, ran off road at the fast lane and overturned. Two lane divided highway.  

Probable 1. Driver fell asleep while driving  
Cause:  
2. Van ran off roadway  
3.  

Other  
Factors:  
1. Driver overcorrected steering input trying to reenter roadway.  
2.  
3.  

Fatalities:  
Number: (driver, passenger, pedestrian)  
None  

Injuries:  
Number: (driver, passenger, pedestrian)  
1  Driver of Van  

Property Losses:  
Vehicles: $250.00  
Other Property: None