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16. Abstract This publication contains briefs of selected highway accident investigations conducted during 1977, 1978 and 1979. The brief formats present basic facts, conditions, circumstances and probable cause(s) in each instance.																																															
<table border="0"> <tr> <td>ATL-77-F-H001</td> <td>ATL-79-F-H017</td> <td>IAD-77-F-H003</td> <td>MKC-79-F-H022</td> </tr> <tr> <td>ATL-77-F-H004</td> <td>ATL-79-F-H019</td> <td>IAD-77-F-H004</td> <td>MKC-79-F-H023</td> </tr> <tr> <td>ATL-78-F-H002</td> <td>ATL-79-F-H022</td> <td>IAD-78-F-H001</td> <td>MKC-79-F-H024</td> </tr> <tr> <td>ATL-78-F-H006</td> <td>ATL-79-F-H023</td> <td>MKC-77-F-H001</td> <td>MKC-79-F-H025</td> </tr> <tr> <td>ATL-78-F-H011</td> <td>ATL-79-F-H024</td> <td>MKC-78-F-H002</td> <td>MKC-79-F-H026</td> </tr> <tr> <td>ATL-79-F-H004</td> <td>ATL-79-F-H025</td> <td>MKC-78-F-H003</td> <td>MKC-79-F-H027</td> </tr> <tr> <td>ATL-79-F-H005</td> <td>ATL-79-F-H026</td> <td>MKC-78-D-H010</td> <td>OAK-77-I-H001</td> </tr> <tr> <td>ATL-79-F-H006</td> <td>ATL-79-F-H027</td> <td>MKC-79-F-H002</td> <td>OAK-78-I-H001</td> </tr> <tr> <td>ATL-79-F-H010</td> <td>ATL-79-F-H028</td> <td>MKC-79-F-H012</td> <td>OAK-78-F-H009</td> </tr> <tr> <td>ATL-79-F-H011</td> <td>IAD-77-F-H002</td> <td>MKC-79-F-H019</td> <td>OAK-79-F-H007</td> </tr> <tr> <td></td> <td></td> <td></td> <td>OAK-79-F-H012</td> </tr> </table>				ATL-77-F-H001	ATL-79-F-H017	IAD-77-F-H003	MKC-79-F-H022	ATL-77-F-H004	ATL-79-F-H019	IAD-77-F-H004	MKC-79-F-H023	ATL-78-F-H002	ATL-79-F-H022	IAD-78-F-H001	MKC-79-F-H024	ATL-78-F-H006	ATL-79-F-H023	MKC-77-F-H001	MKC-79-F-H025	ATL-78-F-H011	ATL-79-F-H024	MKC-78-F-H002	MKC-79-F-H026	ATL-79-F-H004	ATL-79-F-H025	MKC-78-F-H003	MKC-79-F-H027	ATL-79-F-H005	ATL-79-F-H026	MKC-78-D-H010	OAK-77-I-H001	ATL-79-F-H006	ATL-79-F-H027	MKC-79-F-H002	OAK-78-I-H001	ATL-79-F-H010	ATL-79-F-H028	MKC-79-F-H012	OAK-78-F-H009	ATL-79-F-H011	IAD-77-F-H002	MKC-79-F-H019	OAK-79-F-H007				OAK-79-F-H012
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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.

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National Transportation Safety Board
Public Inquiries Section
Washington, D.C. 20594

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office Docket Number: HY-135-79
Highway Accident Number: ATL-77-F-H001

Location: City Leslie State Georgia Local time: 1215 Date: 05/04/77 Weather: Clear - dry Light condition: Daylight
Road U.S. Route 280 Intersecting Street None

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1974	Pontiac	Lemans	2-door hardtop	C.D. Scroggins	Unknown
2.	1967	White	9564TD	Tractor	Cordele Sash, Door and Lumber Co.	Cordele, Georgia
3.	1970	Johnson	Custom Built	semitrailer	Cordele Sash, Door and Lumber Co.	Cordele, Georgia
4.						

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
A westbound Pontiac on U.S. Route 280 crossed the painted solid centerline in the path of an eastbound tractor-trailer. Neither vehicle attempted evasive action prior to headon impact. The tractor and the Pontiac were destroyed. There was no alcohol involvement in the accident.

Probable Cause: 1. Failure of Pontiac driver to maintain vehicle in lane of travel.
2. Lack of evasive action by either vehicle.
3. _____

Other Factors: 1. _____
2. _____
3. _____

Fatalities:	Number:	(driver, passenger, pedestrian)	Injuries:	Number:	(driver, passenger, pedestrian)
	<u>1</u>	<u>Driver of Pontiac</u>		<u>1</u>	<u>Driver of tractor-semitrailer</u>
	<u>3</u>	<u>Passengers in Pontiac</u>			

Probable Cause of Casualty:
1. Crushing impact forces.
2. _____
3. _____

Property Losses:
Vehicles: \$25,000
Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office

Docket Number: NY-74-78

Highway Accident Number: ATL-77-F-H004

Location: City Kings Mountain State North Carolina Local time: 1400 Date: 07/31/77 Weather: Clear - dry Light condition: Daylight
Road U.S. Route 74 Intersecting Street None City & State of Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1971	Silver Eagle	05	Bus	Continental Southeastern Lines, Inc.	Dallas, Texas
2.	1969	Mercury	Marquis	2-door sedan	Name unknown	Unknown
3.						
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
A westbound Mercury crossed a 12-foot grass median and struck an eastbound bus left front-to-left front. The accident occurred at the beginning of a merge of the 4-lane divided highway into a 2-lane, 2-way highway. Four of the 6 occupants of the Mercury were killed. The blood alcohol level of the Mercury driver was 0.40 percent.

Probable Cause: 1. Failure of Mercury driver to maintain directional control of his vehicle.
2. Driver intoxication.
3. _____

Other Factors: 1. Absence of a median divider at the merge location.
2. _____
3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1 Driver of Mercury</u>		<u>1 Driver of bus</u>
	<u>3 Passengers in Mercury</u>		<u>2 Passengers in Mercury</u>
	_____		<u>14 Passengers in bus</u>
	_____		_____

Probable Cause of Casualty:
1. Failure to wear available restraints; ejection.
2. Impact forces.
3. _____

Property Losses:
Vehicles: Unknown
Other Property: Unknown

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-75-78

Reporting Agency: Atlanta Field Office

Highway Accident Number: ATL-78-F-H002

Location: City Altamont State Tennessee Local time: 2130 Date: 03/19/78 Weather: Clear - dry Light condition: Darkness
Road Burroughs Cover Road Intersecting Street None City & State of Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	<u>1977</u>	<u>Ford</u>	<u>Box</u>	<u>Van-Haul van rental</u>	<u>Erwin C. Schmidt</u>	<u>Alamogordo, New Mexico</u>
2.						
3.						
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
A van occupied by a driver and 21 passengers was westbound on Burroughs Cover Road. Failing to negotiate a left-hand curve, it ran off the road in a 5 percent downgrade, vaulted from the top of a steep embankment and dropped 40 feet to the ground below. The van was destroyed, and 4 of the 21 passengers were killed. Van left no skidmarks on the road. Results of a blood alcohol test performed on the driver were calculated to be 0.105 percent.

Probable Cause: 1. Failure of the alcohol impaired driver to maintain directional control of the vehicle and negotiate the left curve.
2. _____
3. _____

Other Factors: 1. Absence of road markings on a recently resurfaced road.
2. _____
3. _____

Fatalities:	Number:	(driver, passenger, pedestrian)	Injuries:	Number:	(driver, passenger, pedestrian)
	<u>4</u>	<u>Passengers in van</u>		<u>1</u>	<u>Driver of van</u>

Probable Cause of Casualty:
1. Crushing forces.
2. _____
3. _____

Property Losses:
Vehicles: \$9,500
Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-123-79

Reporting

Agency: Atlanta Field Office

Highway Accident Number: ATL-78-F-H006

Location:

City Doraville State Georgia Local time: 1719 Date: 07/21/78 Weather: Clear Light condition: Daylight

Road Interstate 285 Intersecting Street State Road 403

City & State of
Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1977	International Harvester	Trans II	COE Tractor- semitrailer	Rollins Leasing Corp.	Doraville, Georgia
2.	1970	Honda	760	Motorcycle	Richard Scott Branning	Atlanta, Georgia
3.	1973	Dodge	19T	Dump truck	Barhart Trucking Co.	Forest Park, Georgia
4.						

Accident

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

When a southbound tractor-semitrailer applied brakes for slow moving traffic ahead, it jackknifed to the left, striking a southbound motorcycle and shoving it laterally into the right front of a Dodge dump truck.

Probable Cause: 1. Excessive tractor-semitrailer speed, resulting in loss of control in construction zone.
2. _____
3. _____

Other

Factors: 1. None.
2. _____
3. _____

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

Injuries: Number: (driver, passenger, pedestrian)
0

Probable Cause of Casualty:

- Crushing forces.
- _____
- _____

Property Losses:

Vehicles: \$2,800
Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-117-78

Reporting

Agency: Atlanta Field Office

Highway Accident Number: ATL-78-F-011

Location:

City Forest Park State Georgia

Local time: 1320 Date: 08/15/78

Weather: Clear - dry

Light condition: Daylight

Road U.S. Highway 19-41

Intersecting Street Main Street

City & State of
Business/Residence

Vehicle: Year

Make

Model

Type

Operator

City & State of
Business/Residence

1. 1977

White

RBM64T

Tractor

Schwerman Trucking Co.

Milwaukee, Wisconsin

2. 1969

Heil

MC307

Tank trailer

Schwerman Trucking Co.

Milwaukee, Wisconsin

3. _____

4. _____

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
The truck was northbound on U.S. Highway 19-41 when the tank trailer failed at a weld between the second and third compartments, permitting the cargo to spill. One fireman was injured while fighting the ensuing fire.

Probable Cause: 1. Fatigue failure of a girth weld connecting the tank surface between the second and third cargo compartments.

Cause:

2. _____

3. _____

Other

Factors: 1. _____

2. _____

3. _____

Fatalities:

Number: (driver, passenger, pedestrian)

0

Injuries:

Number: (driver, passenger, pedestrian)

1

Fireman

Probable Cause of Casualty:

1. Toxic fumes.

2. _____

3. _____

Property Losses:

Vehicles: \$20,000

Other Property: 5,000 (cargo)

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office Docket Number: HY-92-78
Highway Accident Number: ATL-79-F-H004

Location: City Clarkston State Georgia Local time: 0100 Date: 10/17/78 Weather: Clear - dry Light condition: Darkness
Road Interstate 285 Intersecting Street North Decatur

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	<u>1978</u>	<u>Buick</u>	<u>Regal</u>	<u>2-door sedan</u>	<u>Victoria Irene Lancaster</u>	<u>Lithia Springs, Georgia</u>
2.						
3.						
4.						

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
The northbound Buick, traveling at a high rate of speed, went out of control and struck and mounted the guardrail. It rode the guardrail, struck a bridge abutment rode the bridgerail and then vaulted to the roadway below, landing on its roof and left side.

Probable Cause: 1. Influence of alcohol on driver.
Cause: 2. Excessive speed for road condition.
3. Inadequate performance of guardrail system.

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

Fatalities: Number: (driver, passenger, pedestrian)
1 Driver of Buick
2 Passengers in Buick
Injuries: Number: (driver, passenger, pedestrian)
0

Probable Cause of Casualty: 1. Crushing impact forces.
2. Failure of occupants to use available restraints.
3. _____
Property Losses: Vehicles: \$7,000
Other Property: 3,000

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office Docket Number: KY-93-78
 Highway Accident Number: ATL-79-F-H005

Location: City Courtland State Alabama Local time: 1815 Date: 10/21/78 Weather: Clear - dry Light condition: Dusk
 Road State Route 20 Intersecting Street State Route 13 City & State of Business/Residence

Vehicle: Year	Make	Model	Type	Operator	City & State of Business/Residence
1. 1972	Plymouth	Gran	4-door sedan	James Webb	Courtland, Alabama
2. 1977	White		Tractor-semitrailer	Lee Way Trucking Co.	Oklahoma City, Oklahoma
3. 1975	Ford	Pinto	2-door sedan	Garv W. Allen	Hillsboro, Alabama
4.					

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
 A Plymouth was westbound on State Route 20 at a high rate of speed when its driver lost control of the vehicle. The Plymouth sideswiped an eastbound truck, went into a yaw and struck the Pinto headon. The driver of the Pinto was ejected and killed. The other five occupants of the Pinto died inside the vehicle. Blood alcohol test results for the Plymouth driver were 0.16 percent.

Probable Cause: 1. Failure to maintain control of the Plymouth due to excessive speed and driver intoxication.
 2. _____
 3. _____

Other

Factors: 1. None.
 2. _____
 3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> Driver of Pinto		<u>1</u> Driver of Plymouth
	<u>5</u> Passengers in Pinto		<u>1</u> Passenger in Plymouth
	_____		_____
	_____		_____

Probable Cause of Casualty:

- Failure to wear occupant restraints.
- Ejection from vehicle; impact with roadway.
- Collision forces.

Property Losses:

Vehicles: \$5,000
 Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office Docket Number: HY-94-78
Highway Accident Number: ATL-79-F-H006

Location: City Charleston State Tennessee Local time: 0845 Date: 11/05/78 Weather: Fog - dry Light condition: Daylight
Road Interstate 75 Intersecting Street None City & State of Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	<u>63 vehicles, including 3 tractor-semitrailer combination units, several automobiles pulling travel trailers,</u>					
2.	<u>a police car, and numerous automobiles.</u>					
3.	_____					
4.	_____					

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
Sudden development of an extremely dense patch of fog rapidly reduced visibility over a 2-mile stretch of Interstate 75 to almost zero. Vehicles suddenly entering the unexpected fog bank were unable to stop before striking unseen vehicles. Others did stop and were struck from the rear. Other fog accidents have occurred in this same location during the past 4 years. All have been multi-vehicle, but no fatalities have occurred since 1974. In all, there has been 72 injuries and significant property damage.

Probable Cause: 1. Reduced visibility due to the sudden development of dense fog.
2. Failure of drivers to heed advance fog warning signs and reduce speed accordingly.
3. _____

Other Factors: 1. _____
2. _____
3. _____

Fatalities: Number: (driver, passenger, pedestrian) 0
Injuries: Number: (driver, passenger, pedestrian) 46
Drivers and passengers

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

Property Losses: Vehicles: \$63,000
Other Property: 5,000

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-98-78

Reporting Agency: Atlanta Field Office

Highway Accident Number: ATL-79-F-E010

Location: City Route State Louisiana Local time: 0640 Date: 12/15/78 Weather: Raining-wet Light condition: Dawn

Road State Route 3127 Intersecting Street None City & State of Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1973	International	F-4720	Tractor semitrailer	Holicer Gas Co., Inc.	Port Allen, Louisiana
2.		General Motors	CP-9	Locomotive	Southern Pacific Transportation Co.	New Orleans, Louisiana
3.	1978	Oldsmobile		4-door sedan	Susan B. Katz	Gretna, Louisiana
4.						

Accident

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

Trying to cross the railroad tracks ahead of a train, a tractor-semi-trailer loaded with anhydrous ammonia drove around lowered gates into the train's path. Upon impact, the cargo tank ruptured, releasing the hazardous material. The tractor-semi-trailer also struck an Oldsmobile standing on the opposite side of the crossing which was protected by operating flashing red lights, bells and gates. There was no view obstruction.

Failure of truckdriver to stop his truck short of the railroad tracks in response to warning of an

Probable Cause: 1. approaching train.
2. _____
3. _____

Other

Factors: 1. Release of anhydrous ammonia into the atmosphere.
2. _____
3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>3 Pedestrians</u>		<u>30 Pedestrians</u>
	_____		<u>1 Driver of Oldsmobile</u>
	_____		<u>2 Passengers in Oldsmobile</u>
	_____		<u>1 Truckdriver</u>

Probable Cause of Casualty:

1. Inhalation of ammonia fumes.
2. Impact forces.
3. _____

Property Losses:

Vehicles: \$20,000
Other Property: 5,000

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office Docket Number: HY-99-78
Highway Accident Number: ATL-79-F-8011

Location: City Ramah State Louisiana Local time: 1245 Date: 12/16/78 Weather: Raining - wet Light condition: Daylight
Road Interstate Route 10 Intersecting Street Milepost 130

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1977	GMC	JJ9500	Tractor-semitrailer	Yellow Freight Svstems, Inc.	Shawnee Mission, Kansas
2.	1969	GMC	6 5/8 ton	Utility truck-campertrailer	Thomas Garner	Goldonna, Louisiana
3.	1977	Ford	LTD	2-door	Peggy Garner	Carthage, Texas
4.	1974	Ford	8 3/4 ton	Utility truck-campertrailer	Unoccupied	NA

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
A 1969 GMC truck towing a campertrailer westbound on Interstate 10 approached two vehicles parked on the right roadway shoulder, a 1977 Ford LTD behind a 1974 Ford truck hitched to a campertrailer. A 1977 GMC tractor-semitrailer rapidly gaining on the 1969 GMC truck-campertrailer suddenly swerved left to avoid the campertrailer. In doing so, it struck a reinforced concrete bridge, then swerved right toward the righthand road shoulder. Crossing the right lane diagonally, it contacted the left front of the 1969 truck-campertrailer. On the right shoulder, the tractor-semitrailer overrode the Ford LTD. The two slid into the 1974 Ford truck-campertrailer. All three exploded and burned.

Probable Cause: 1. Failure of driver of tractor-semitrailer to maintain control over his vehicle.
2. _____
3. _____

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

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> <u>Driver of tractor-semitrailer</u>		<u>1</u> <u>Driver of Ford LTD</u>
	<u>3</u> <u>Passengers in Ford LTD</u>		
	_____		_____
	_____		_____

Probable Cause of Casualty:
1. Fire.
2. Ejection from vehicle.
3. _____

Property Losses:
Vehicles: \$8,500
Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office Docket Number: NY-170-79
Highway Accident Number: ATL-79-F-H017

Location: City Norcross State Georgia Local time: 1055 Date: 02/17/79 Weather: Clear - dry Light condition: Daylight
Road Amwilder Road Intersecting Street Old Peachtree Road

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	<u>1972</u>	<u>Ford</u>		<u>Stationwagon</u>	<u>John William Clayton</u>	<u>Doraville, Georgia</u>
2.		<u>General Electric</u>	<u>GSU23B</u>	<u>Freight train</u>	<u>Southern Railway Co.</u>	<u>Washington, D.C.</u>
3.						
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
An eastbound stationwagon drove past flashing warning lights and around a lowered railroad gate at a railroad grade crossing into the path of a Southern Railway train. The train, which was traveling about 45 mph, struck the stationwagon; its two occupants were ejected.

Probable Cause: 1. Disregard of traffic controls at a railroad crossing.

2. Apparent failure to perceive approaching train.

3. _____

Other

Factors: 1. Precedence of unidentified van around lowered gate.

2. Use of alcohol by driver of stationwagon.

3. _____

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

Injuries: Number: (driver, passenger, pedestrian)
1 Passenger in Ford

Probable Cause of Casualty:

1. Crushing structure deformation.

2. Ejection from vehicle.

3. _____

Property Losses:

Vehicles: \$800

Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office Docket Number: HY-154-79
 Highway Accident Number: ATL-79-F-H019

Location: City Gwinnett County State Georgia Local time: 1845 Date: 02/28/79 Weather: Clear - dry Light condition: Davlight (sunset)
 Road Georgia Route 365 Intersecting Street Georgia Route 20

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1970	Chevrolet	Caprice	2-door sedan	Roger Lee Truelove	Gainesville, Georgia
2.	1973	Plymouth	Fury	2-door sedan	Curtis William Moore	Gainesville, Georgia
3.						
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
 The Chevrolet was traveling southbound at a high rate of speed; the Plymouth was northbound on Georgia Route 365, a 4-lane, divided highway with no median barrier. The right rear tire on the Chevrolet blew out. The Chevrolet rotated, veered across the 40-foot-wide grassy median and was struck broadside by the Plymouth. Two Chevrolet passengers were killed. Drivers of both cars and occupants of the Plymouth were injured.

Probable Cause: 1. Defective tire blow-out.
 Cause: 2. Excessive speed.
 3. Loss of control.

Other

Factors: 1. Absence of median barrier.
 2. Possible use of alcohol by driver of Chevrolet.
 3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>2</u> <u>Passengers in Chevrolet</u>		<u>1</u> <u>Passenger in Chevrolet</u>
	_____		<u>2</u> <u>Passengers in Plymouth</u>
	_____		<u>1</u> <u>Driver of Plymouth</u>
	_____		<u>1</u> <u>Driver of Chevrolet</u>

Probable Cause of Casualty:

1. Failure to wear available seatbelts.
 2. Impact with interior components of vehicles.
 3. _____

Property Losses:

Vehicles: \$6,500
 Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Dulles Field Office Docket Number: HY-143-79
 Highway Accident Number: IAD-79-5-H008

Location: City Fulton County State Pennsylvania Local time: 0530 Date: 2-22-79 Weather: Clear - snow Light condition: Darkness
 Road Interstate 70 Intersecting Street Milepost 7/45

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	<u>1972</u>	<u>GMC</u>	<u>Astro-95</u>	<u>Tractor</u>	<u>Kemp Furniture Industries, Inc.</u>	<u>Goldsboro, North Carolina</u>
2.	<u>1969</u>	<u>Black Diamond</u>	<u>Box</u>	<u>Semitrailer</u>	<u>Kemp Furniture Industries, Inc.</u>	<u>Goldsboro, North Carolina</u>
3.						
4.						

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
 Westbound truck 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: 1. Excessive speed for road conditions.
 2. Jackknife of articulated vehicle.
 3. _____
- Other Factors: 1. None
 2. _____
 3. _____

Fatalities: Number: (driver, passenger, pedestrian) None
 Injuries: Number: (driver, passenger, pedestrian) 1 Truckdriver - minor injuries

Probable Cause of Casualty: 1. Dynamics of vehicle overturn
 2. _____
 3. _____

Property Losses: Vehicles: \$7,500
 Other Property: \$500 guardrail

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office

Docket Number: HY-190-79

Highway Accident Number: ATL-79-F-H023

Location: City Galbourn State Tennessee Local time: 0745 Date: 04/15/79 Weather: Clear-dry-patchy fog Light condition: Daylight
Road Interstate 75 Intersecting Street Milepost 35

Vehicle: Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	<u>18 vehicles, including 3 tractor-semitrailers, 4 station wagons and 11 automobiles</u>				
2.	_____				
3.	_____				
4.	_____				

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
At 0745, a 1500-foot stretch of Interstate 75 was enveloped in extremely dense fog. Visibility approaching the fog patch, however, was good. With no immediate advance warning, a southbound stationwagon suddenly entered the fog and braked abruptly. A tractor-semitrailer struck the stationwagon in the rear, then overturned. A second tractor-semitrailer struck the overturned trailer and itself overturned. A chain reaction of collisions followed. Interstate 75 was closed until the fog cleared at 0830. Six similar multiple-vehicle collisions have occurred in this same area in the past 5 years, resulting in 6 deaths, 86 injuries and 126 damaged or destroyed vehicles. Fog warning signs are posted 6 and 7 miles in advance of the accident site.

Probable Cause: 1. Sudden reduction in visibility.
2. Reduction in varying degrees of vehicle speeds.
3. _____

Other

Factors: 1. Excessive vehicle speeds for available visibility, driver reaction and vehicle stopping capabilities.
2. _____
3. _____

Fatalities: Number: (driver, passenger, pedestrian)	Injuries: Number: (driver, passenger, pedestrian)
<u>2 Drivers</u>	<u>6 Drivers</u>
<u>2 Passengers</u>	<u>10 Passengers</u>
_____	_____
_____	_____

Probable Cause of Casualty:

- Crushing and impact forces.
- Ejection from vehicle.
- Failure to wear occupant restraints.

Property Losses:

Vehicles: \$100,000 +
Other Property: 5,000

Docket Number: HY-190-79
 Highway Accident Number : ATL-75-F-H023

YEAR	MAKE	MODEL	TYPE	OPERATOR	CITY/STATE
1978	Buick		Stationwagon	Barbara Freeman	Dorchester, Massachusetts
1972	White	Freight Loader	Tractor-semitrailer	Taylor Produce	Brodhead, Kentucky
1973	White	Freight Loader	Tractor-semitrailer	Bowman	Gadsden, Alabama
1976	Mercury		2-door sedan	Jimmie J. Simpson	Hollywood, Florida
1977	Dodge	Charger	2-door sedan	Carol M. Harris	Newport, Tennessee
1972	Chevrolet		4-door sedan	Robert Beard	Laura, Ohio
1973	Pontiac		2-door sedan	Ray Swann	Newport, Tennessee
1978	Chevrolet		2-door sedan	Sue Bohnett	Flowerville, Michigan
1973	Ford	Pinto	Stationwagon	Kim Bennett	Chatta, Tennessee
1977	Pontiac		4-door sedan	Elaine S. Goodman	Eschwood, Ohio
1975	Mercury		Stationwagon	Neville Broad	Ontario, Canada
1978	Lincoln		2-door sedan	Gene Carl Burke	Ecorse, Michigan
1973	Ford		Stationwagon	Daniel O. Noren	Wyoming, Michigan
1977	Oldsmobile		2-door sedan	Fay C. Barber	Wellington, Alabama
1977	Chevrolet		2-door sedan	William E. Bertele	Cincinnati, Ohio
1973	International		Tractor-semitrailer	Jack Cole, Inc.	Birmingham, Alabama
1972	Buick		2-door sedan	Robert H. Edgington	St. James, Florida
1978	Ford		4-door sedan	John F. Cureton	Detroit, Michigan

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: <u>Atlanta Field Office</u>				Docket Number: <u>NY-204-79</u>			
				Highway Accident Number: <u>ATL-79-F-H024</u>			
Location:		Local time:	Date:	Weather:	Light condition:		
City <u>Grand Chanier</u>	State <u>Louisiana</u>	<u>2100</u>	<u>04/14/79</u>	<u>Clear - dry</u>	<u>Darkness</u>		
Road <u>State Route 82</u>		Intersecting Street <u>Milepost 69.6</u>					
Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence	
1.	<u>1979</u>	<u>Ford</u>	<u>F250</u>	<u>Van</u>	<u>International Mooring & Marine</u>	<u>New Iberia, Louisiana</u>	
2.							
3.							
4.							

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
 The van, occupied by a driver and 7 passengers, was eastbound at an estimated speed of 80 mph. It ran off of the road on a left-hand curve, penetrated a wooden shoulder barrier, struck a bridge abutment, became airborne across a canal and landed on its side. One occupant was ejected into the canal. The van caught on fire. A toxicological test performed on the driver indicated a blood alcohol level of 0.27 percent.

Probable Cause: 1. Loss of control of van by driver due to driver intoxication and excessive speed.
 2. _____
 3. _____

Other Factors: 1. Nonconforming shoulder barrier.
 2. _____
 3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> <u>Driver of van</u>		<u>3</u> <u>Passengers in van</u>
	<u>4</u> <u>Passengers in van</u>		

Probable Cause of Casualty:

- Impact forces, ejection and drowning
- Impact forces and fire
- Failure to wear available restraints

Property Losses:

Vehicles: \$10,000

Other Property: 3,000

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: <u>Atlanta Field Office</u>				Docket Number: <u>HY-180-79</u>			
Location:				Highway Accident Number: <u>ATL-79-F-H025</u>			
City: <u>New Hope</u>		State: <u>Florida</u>		Local time: <u>0035</u>	Date: <u>06/02/79</u>	Weather: <u>Clear - drv</u>	Light condition: <u>Darkness</u>
Road: <u>State Route 79</u>		Intersecting Street: <u>None</u>					
Vehicle Year	Make	Model	Type	Operator	City & State of Business/Residence		
1. <u>1979</u>	<u>Chrysler</u>	<u>Cordoba</u>	<u>2-door hardtop coupe</u>	<u>James E. McGown, Jr.</u>	<u>Huntsville, Alabama</u>		
2. <u>1976</u>	<u>Oldsmobile</u>	<u>Cutlass</u>	<u>Hardtop coupe</u>	<u>Mickey Gene Carroll, Jr.</u>	<u>Chipley, Florida</u>		
3. _____	_____	_____	_____	_____	_____		
4. _____	_____	_____	_____	_____	_____		

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
The Chrysler was southbound. For unknown reasons, the Chrysler crossed the northbound lane, ran off the road, recrossed both lanes and then swerved to the left, striking the northbound Oldsmobile headon. No precrash mechanical defects could be found in the Chrysler. All four occupants of the Chrysler were killed. Two of the three occupants of the Oldsmobile were killed.

- Probable Cause:**
1. Loss of control of the Chrysler for unknown reasons.
 2. Chrysler driver fatigue and lost reaction effectiveness.
 3. Excessive speed.

Other

- Factors:**
1. _____
 2. _____
 3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> <u>Driver of Chrysler</u>		<u>1</u> <u>Passenger in Oldsmobile</u>
	<u>3</u> <u>Passengers in Chrysler</u>		_____
	<u>1</u> <u>Driver of Oldsmobile</u>		_____
	<u>1</u> <u>Passenger in Oldsmobile</u>		_____

Probable Cause of Casualty:

1. Impact forces.
2. Failure to wear occupant restraints.
3. _____

Property Losses:
Vehicles: \$8,500
Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-197-79

Reporting

Agency: Atlanta Field Office

Highway Accident Number: ATL-79-F-H026

Location:

City Atlanta State Georgia Local time: 1930 Date: 07/18/79 Weather: Raining - wet Light condition: Daylight

Road Interstate 285 Intersecting Street Sewell Road City & State of Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1978	GMC	C.O.E.	Tractor	Ryder Truck Rental	Atlanta, Georgia
2.	1976	Plymouth	3-seat	Stationwagon	Ambrose Lamar Boswell	Austell, Georgia
3.	1976	Cadillac		4-door sedan	Katie V. Davis	East Point, Georgia
4.	1970	Oldsmobile	88	2-door sedan	Abandoned	NA

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
When a southbound truck applied brakes in a heavy rain to avoid an unidentified vehicle making a sudden lane change, it jackknifed and struck a Cadillac. The Cadillac veered to the right and struck an Oldsmobile parked on the shoulder of the road. The truck then veered to the left, crossed the grassy median and struck and overrode a Plymouth stationwagon. Interstate 285 is a 6-lane divided highway.

Probable Cause: 1. Loss of directional stability of truck due to jackknife.
2. Lost steering capability by unrestrained truckdriver.
3. _____

Other

Factors: 1. Slippery road surface due to sudden heavy downpour of rain.
2. _____
3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> Driver of Plymouth		<u>1</u> Truckdriver
	<u>1</u> Passenger in Plymouth		<u>3</u> Passengers in Plymouth
	_____		_____
	_____		_____

Probable Cause of Casualty:

1. Crushing impact forces
2. _____
3. _____

Property Losses:

Vehicles: \$6,500
Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-212-79

Reporting Agency: Atlanta Field Office

Highway Accident Number: ATL-79-F-RC27

Location: City Lumberton State North Carolina Local time: 2348 Date: 08/07/79 Weather: Clear - drv Light condition: Darkness
Road Godwin Avenue Intersecting Street 24th Street

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1972	Chevrolet	Monte Carlo	2-door hardtop	Harry Lee Callihan	Bladenboro, North Carolina
2.	1978	GMC		Truck with single-axle woodchipper	Asplundh Tree Expert Company	Charlotte, North Carolina
3.						
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
Traveling at an estimated speed of 90 mph, a Chevrolet was en route to a hospital with an expectant mother when it failed to negotiate a left curve, went into a skid, left the road and skidded into a parked, unoccupied Asplundh Tree Expert Company truck. The driver of the Chevrolet and 5 of the 7 passengers, including the expectant mother, were killed in the crash. Four of the 8 occupants were children.

Probable Cause: 1. Loss of directional control due to excessive speed.
2. wald tires, resulting in reduced coefficient of friction between tires and road and increased probability of skidding.
3. _____

Other

Factors: 1. None.
2. _____
3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1 Driver of Chevrolet</u>		<u>2 Passengers in Chevrolet</u>
	<u>5 Passengers in Chevrolet</u>		
	_____		_____
	_____		_____

Probable Cause of Casualty:
1. Impact with interior features and other structural elements
2. Failure to wear occupant restraints
3. _____

Property Losses:
Vehicles: \$3,500
Other Property: 0

**NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594**

Docket Number: NY-217-79

Reporting Agency: Atlanta Field Office

Highway Accident Number: ATL-79-F-R028

Location: City Orlando State Florida Local time: 0052 Date: 08/18/79 Weather: Clear - dry Light condition: Darkness

Road Orange County Road 420 Intersecting Street County Road 419

City & State of Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1970	Chevrolet	Impala	Convertible	Rebecca Ann Wagoner	Orlando, Florida
2.	1979	Datsun	210	2-door sedan	Robert Jeffrey Wray	Orlando, Florida
3.						
4.						

Accident

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

A group of teenage (ages 15-19) pedestrians had gathered on the road after witnessing a drag race between two cars driven by members of the group. Followed by a Datsun, a Chevrolet approached the group, which was milling about on the roadway. Not seeing the pedestrians in the dark until it was too late to avoid them, the Chevrolet plunged into the group while braking. The Datsun struck the Chevrolet in the rear.

Probable Cause: 1. Occupancy of the road by pedestrians after observing a planned drag race.

2. Lack of any ambient light to alert oncoming traffic to the presence of the pedestrians.

3. Muffled approach of Chevrolet and Datsun due to engine noises from parked cars.

Other Factors:

1. None.

2. _____

3. _____

Fatalities: Number: (driver, passenger, pedestrian)
6 Pedestrians

Injuries: Number: (driver, passenger, pedestrian)
1 Driver of Datsun
2 Pedestrians

Probable Cause of Casualty:

1. Impact with automobile

2. _____

3. _____

Property Losses:

Vehicles: \$600

Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Dulles Field Office Docket Number: HY-71-78
 Highway Accident Number: IAD-77-F-002

Location: City Vincentown State New Jersey Local time: 1155 Date: 07/06/77 Weather: Clear - drv Light condition: Davlight
 Road U.S. Route 206 Intersecting Street County Road Route 616 City & State of Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	<u>1968</u>	<u>International</u>	<u>Diesel 210</u>	<u>Flatbed truck</u>	<u>Perla Block Corp.</u>	<u>Moorestown, New Jersey</u>
2.	<u>1977</u>	<u>Buick</u>	<u>Regal</u>	<u>2-door coupe</u>	<u>Margaret S. Herron</u>	<u>Philadelphia, Pennsylvania</u>
3.						
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
 A truck carrying building blocks was traveling south on U.S. Route 206 when it struck a westbound Buick in the intersection of County Road Route 616. Pushed into a utility pole, the Buick came to rest near the truck, about 200 feet SSW of the point of impact. Fire ensued.

Probable Cause: 1. Failure of the Buick driver to perceive and yield the right-of-way at a stop-controlled intersection.
 2. _____
 3. _____

Other Factors: 1. Truck speed in excess of posted 50 mph.
 2. Automobile driver's unfamiliarity with the route.
 3. Ambient noise conditions of passengers in the automobile.
 4. Lack of guide signs on County Road Route 616 to inform motorists of U.S. Route 206.

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> <u>Driver of Buick</u>		<u>1</u> <u>Passenger in Buick</u>
	<u>5</u> <u>Passengers in Buick</u>		
	<u>1</u> <u>Driver of truck</u>		

Probable Cause of Casualty:
 1. Contact with vehicle interior objects.
 2. Ejection.
 3. Fire.

Property Losses:
 Vehicles: \$20,000
 Other Property: 3,500

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-69-78

Reporting

Agency: Dulles Field Office

Highway Accident Number: IAD-77-F-H003

Location:

City Chantilly State Virginia Local time: 1419 Date: 08/21/77 Weather: Clear - dry Light condition: Daylight
Road U.S. Route 50 Intersecting Street U.S. Route 28 City & State of Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1964	Dodge	Coronet	2-door sedan	Carolyn S. Ryan	Ashburn, Virginia
2.	1972	International	Loadstar F-1800	Dump truck	Arthur H. Kitchen	Manassas, Virginia
3.	1972	GMC	CV-7500	Flat truck	Glen Maxwell Sullenberger	Lorton, Virginia
4.						

Accident

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

A dump truck loaded with gravel was traveling east on U.S. Route 50. It entered the intersection of U.S. Route 28 on a red light and broadsided a Dodge Coronet northbound on U.S. Route 28. The truck pushed the Dodge through the intersection and into a westbound truck waiting to make a left turn. Fire ensued.

Probable Cause: 1. Failure of the dump truck driver to stop for a red traffic signal.

Cause:

2. _____
3. _____

Other

- Factors:
1. A variable "green" phase for Route 50 traffic which allowed minimum time "greens" and cycles.
 2. Lack of a second or all-"red" clearance interval.
 3. Driver inexperience in operating a dump truck.

Fatalities: Number: (driver, passenger, pedestrian)

1 Driver of Dodge
3 Passengers in Dodge

Injuries: Number: (driver, passenger, pedestrian)

1 Driver of International dump truck

Probable Cause of Casualty:

1. Contact with interior objects.
2. Fire.
3. Impact forces.

Property Losses:

Vehicles: \$40,000
Other Property: 900

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-68-77

Reporting Agency: Dulles Field Office

Highway Accident Number: IAD-77-F-H004

Location: City Alexandria State Virginia Local time: 1300 Date: 08/11/77 Weather: Clear - dry Light condition: Daylight
Road Interstate 495 Intersecting Street Exit 38 City & State of Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1974	Ford	C-600	Van	Comet TIT Leasing Corp.	Beltsville, Maryland
2.	1975	Ford	Custom Model F-350	1500 truck	Commercial Wiping Cloth Corp.	Bladensburg, Maryland
3.						
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
A 1974 Ford Van was traveling south in the median lane of Interstate 495, a six-lane divided highway, when the drive shaft broke and fell out of the truck drive train. Part of the drive shaft became airborne, striking and penetrating the windshield of a northbound 1975 Ford truck. The drive shaft fatally injured the passenger in the right front seat.

Probable Cause: 1. Failure of the drive shaft.
2. Inadequate preventive maintenance to detect potential component failures.
3. _____

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

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> <u>Passenger in 1975 Ford</u>		<u>0</u>
	_____		_____
	_____		_____
	_____		_____

Probable Cause of Casualty:
1. Impalement by drive shaft
2. _____
3. _____

Property Losses:
Vehicles: \$2,500
Other Property: 0

**NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594**

Reporting Agency: Dulles Field Office **Docket Number:** HY-77-78
Highway Accident Number: IAD-78-F-1001

Location: City Martin State Ohio **Local time:** 1002 **Date:** 01/06/78 **Weather:** Cloudy - dry **Light condition:** Daylight
Road Ottawa County Route 66 **Intersecting Street** None

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	NA	General Electric	Diesel-electric	Freight	Consolidated Rail Corporation	Philadelphia, Pennsylvania
2.	1965	Ford	LTD	2-door sedan	Privately owned	Martin, Ohio
3.						
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
The Ford, traveling at an estimated 20 mph, approached the grade crossing, slowed and then drove into the path of the train, traveling at the 30 mph track speed limit. Six of the Ford's seven occupants were ejected. All of the occupants were killed. The driver of the Ford, a local resident, had an unobstructed view of the crossing as he approached for 200 feet. The crossing was protected by advance warning signs and crossbucks.

Probable Cause: 1. Failure of preoccupied Ford driver to detect and stop for approaching train.
2. _____
3. _____

Other Factors: 1. Driver familiarity with crossing.
2. Poorly maintained, improperly placed crossing warning signs.
3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> <u>Driver of Ford</u>		<u>0</u>
	<u>6</u> <u>Passengers in Ford</u>		
	_____		_____
	_____		_____

Probable Cause of Casualty:
1. Struck by train
2. Ejection from vehicle - traumatic impact injuries
3. _____

Property Losses:
Vehicles: \$2,500 (train & auto)
Other Property: 0

**NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594**

Reporting Agency: Kansas City Field Office

Docket Number: KY-73-78

Highway Accident Number: MKC-77-F-001

Location: City Kansas City State Missouri **Local time:** 1615 **Date:** 07/13/77 **Weather:** Clear - dry **Light condition:** Daylight

Road: Interstate 70 **Intersecting Street:** Benton Boulevard

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1976	White	Freightliner	Tractor-semitrailer	Yellow Freight System	Kansas City, Missouri
2.						
3.						
4.						

Accident

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

A westbound tractor-semitrailer was traveling at an estimated 55 mph along Interstate 70 on a section of highway with a descending grade of 4.65 percent. As the truck entered a 7°31' left-hand curve, it left scuff marks first, on the road, and then, on the right shoulder. The truck then tipped onto its right side on top of a guardrail and slid along the rail to a collision with a bridge column. The posted speed limit was 55 mph.

Probable Cause: 1. Posted speed limit excessive for safe passage through curve.
2. _____
3. _____

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

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> Driver of tractor-semitrailer		<u>0</u>
	_____		_____
	_____		_____
	_____		_____

Probable Cause of Casualty:
1. Crushing impact forces
2. _____
3. _____

Property Losses:
Vehicles: \$35,000
Other Property: 18,000 (bridge & cargo)

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Kansas City Field Office Ticket Number: KY-179-79
 Highway Accident Number: MKC-78-F-H002

Location: City Leon State Kansas Local time: 1622 Date: 05/15/78 Weather: Clear - dry Light condition: Daylight
 Road County Road K-96 Intersecting Street Milepost 326.5 City & State of Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1978	White	Road Commander II	COE Tractor-	Southern Freightways, Inc.	Eustis, Florida
2.	1978	Great Dane		semitrailer		
3.	1976	Chevrolet	Monte Carlo	2-door sedan	Ona M. Thomas	Golden City, Missouri
4.	1973	Buick	Electra	4-door hardtop	Lawrence J. Lowe	Newton, Kansas

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
 This accident occurred in a work zone. The Chevrolet and Buick were stopped in response to a flagman at a road repair site when a truck, failing to stop, struck and overrode the Buick. Both struck the Chevrolet; all three vehicles went off the road. Fire consumed all three vehicles and the Buick occupants when the Buick tank ruptured and fire ensued. All others escaped with minor injuries.

Probable Cause: 1. Excessive speed for traffic conditions.
 2. Lack of attention on part of truckdriver.
 3. _____

Other Factors: 1. Rupture of the fuel tank and resulting fire.
 2. Override of Buick by the truck.
 3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> <u>Driver of Buick</u>		<u>1</u> <u>Truckdriver</u>
	<u>3</u> <u>Passengers in Buick</u>		<u>1</u> <u>Driver of Chevrolet</u>
	_____		<u>4</u> <u>Passengers in Chevrolet</u>
	_____		_____

Probable Cause of Casualty:
 1. Crushing forces.
 2. Fire.
 3. _____

Property Losses:
 Vehicles: \$30,000
 Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-120-79

Reporting Agency: Kansas City Field Office

Highway Accident Number: MKC-72-F-H003

Location: City Lutesville State Missouri Local time: 0425 Date: 06/14/78 Weather: Clear Light condition: Darkness
Road None - private property Intersecting Street None City & State of Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	<u>1973</u>	<u>White</u>	<u>Freightliner</u>	<u>Truck tractor</u>	<u>Commercial Transport, Inc.</u>	<u>Cape Girardeau, Missouri</u>
2.	<u>1967</u>	<u>Butler</u>	<u>Cargo tank</u>	<u>tank semitrailer</u>		
3.						
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
During an off-loading operation of a gasoline tank truck at a fuel facility, an accumulation of gasoline vapor flowed downgrade across a street into the crawl space of a house. The vapors were ignited by the pilot light of a hot water heater. The resultant explosion and fire followed back to and ignited the cargo tank where a second explosion occurred. Four occupants were blown from the house; a fifth was crushed beneath the collapsed roof.

Probable Cause: 1. Ignition of gasoline vapors.
2. _____
3. _____

Other Factors: 1. Geometry of surrounding land.
2. Breach in the truck delivery hose.
3. Absence of any check valve in facility plumbing.

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> <u>House occupant</u>		<u>4</u> <u>House occupants</u>
	_____		<u>1</u> <u>Truckdriver</u>
	_____		_____
	_____		_____

Probable Cause of Casualty:
1. Collapse of house roof (fatality)
2. Ejection from house account force of explosion
3. _____

Property Losses:
Vehicles: \$ 20,000
Other Property: 300,000

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Kansas City Field Office

Docket Number: HY-129-79

Location: City Camden State Arkansas
Road State Route 4

Highway Accident Number: MKC-78-D-H010

Local time: 1432 Date: 04/13/78 Weather: Clear - dry Light condition: Daylight

Intersecting Street State Route 57

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1977	GMC		Tractor-semitrailer	Walter Brothers Lumber, Inc.	Camden, Arkansas
2.	1973	Chevrolet	F1 Camino	Pickup	William D. Cooley, Jr.	Ashdown, Arkansas
3.						
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
As it approached a leftward curve and the crest of a hill, an eastbound tractor-semitrailer was passing another eastbound truck on State Route 4, a two-lane, two-way highway. A westbound pickup crested the hill and saw the oncoming tractor-semitrailer. The passing tractor-semitrailer swerved left to the shoulder of the road; the pickup swerved right. The vehicles collided headon.

Probable Cause: 1. Failure of tractor-semitrailer driver to assure clear distance ahead before passing.
2. Delayed perception of pickup driver.
3. _____

Other

Factors: 1. None.
2. _____
3. _____

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

Injuries: Number: (driver, passenger, pedestrian)
1 Driver of tractor-semitrailer

Probable Cause of Casualty:

1. Crushing.
2. Failure to wear available seatbelts.
3. _____

Property Losses:

Vehicles: \$12,000
Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Kansas City Field Office **Docket Number:** HY-76-78
Highway Accident Number: MKC-79-F-H002

Location: City Kansas City State Kansas **Local time:** 1711 **Date:** 08/09/77 **Weather:** Cloudy -dry **Light condition:** Davlight
Road: Interstate 70 **Intersecting Street:** Kansas State Route 32

Vehicle: Year	Make	Model	Type	Operator	City & State of Business/Residence
1. 1972	Ford	Pinto	2-door sedan	David S. Yunphans	Leavenworth, Kansas
2. 1977	Midas	Mini	Motor home	Nina Katherine Herndon	Cedartown, Georgia
3. 1970	Mercedes Benz		4-door sedan	John E. McDonald	Springlake, Michigan
4. 1969	Chevrolet		Step-van	Frito-Lav	Kansas City, Missouri

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
 A westbound Pinto traveling at about 55 mph, overtaking slower moving traffic, swerved to the westbound curb lane to avoid a collision. To avoid another potential collision in the curb lane, the Pinto swerved sharply to the left and braked. Out of control, the Pinto crossed the westbound lanes and skidded across the grassy median. It then simultaneously vaulted and rolled about 17 feet into a headon collision with an eastbound motor home. Subsequently, an eastbound Mercedes Benz and a Chevrolet were involved in minor collisions with the motor home.

Probable Cause: 1. Failure of Ford Pinto driver to perceive and slow for preceding traffic.
 2. Excessive speed for road and traffic conditions.
 3. _____

Other

Factors: 1. Improper use of curb lane by unidentified vehicle as access to exit ramp.
 2. Vertical geometry of median, resulting in vehicle vault and roll.
 3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1 Driver of Ford Pinto</u>		<u>1 Driver of motor home</u>
	_____		<u>3 Passengers in motor home</u>
	_____		_____
	_____		_____

Probable Cause of Casualty:

1. Impact forces
 2. Collapse of vehicle structure
 3. _____

Property Losses:

Vehicles: \$5,500
Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Kansas City Field Office Docket Number: KY-176-79
 Highway Accident Number: MKC-79-F-H012

Location: City Winfield State Kansas Local time: 1702 Date: 10/18/78 Weather: Clear - dry Light condition: Davlight
 Road U.S. Route 77 Intersecting Street County Road 8

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1976	Ford	179000	Tractor-	Lamm's Trucks	Parsons, Kansas
2.	N/A	N/A	30-foot-box	semitrailer	Lamm's Trucks	Parsons, Kansas
3.	1967	Volkswagen			Melvin E. Schuyler	Winfield, Kansas
4.						

Accident

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

When a truck westbound on County Road 8 did not stop as required at the intersection with U.S. Route 77, it drove into the path of a Volkswagen southbound on U.S. Route 77. Though advance stop-warning and stop signs were posted on County Road 8, the stop sign installation did not conform with the Manual on Uniform Traffic Control Devices. Alleged brake failure could not be proved, as truck was unavailable for postcrash inspection by NTSB.

Probable Cause: 1. Failure of truck to stop and yield right-of-way to Volkswagen in obedience to posted stop sign.
 2. _____
 3. _____

Other

Factors: 1. Improper installation of stop sign.
 2. _____
 3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> <u>Driver of Volkswagen</u>		<u>1</u> <u>Truckdriver</u>
	_____		_____
	_____		_____
	_____		_____

Probable Cause of Casualty:

1. Impact with interior vehicle structures.
 2. Failure to use occupant restraints.
 3. _____

Property Losses:

Vehicles: \$1,000
 Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-150-79

Reporting Agency: Kansas City Field Office

Highway Accident Number: MKC-79-F-H019

Location: City Victoria State Texas Local time: 0040 Date: 03/31/79 Weather: Cloudy - damp Light condition: Darkness
Road U.S. Route 175 Intersecting Street Milepost 10 City & State of Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	<u>1977</u>	<u>Ford</u>	<u>LTD</u>	<u>2-door sedan</u>	<u>Kenneth R. Salone</u>	<u>Victoria, Texas</u>
2.						
3.						
4.						

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
 This was a single vehicle accident. The Ford was traveling at an estimated 95 mph on a straight, level section of the four-lane divided highway. Entering a concrete bridge span, the Ford suddenly swerved to the right, struck the bridgerail, became airborne, vaulted the bridgerail and landed on its roof. There is no explanation why the Ford driver made the right turn maneuver. No autopsies were conducted. Since 1975, the driver had 10 speeding convictions. He had been issued a citation for speeding just 6 hours before the accident.

Probable Cause: 1. Failure of driver to maintain directional control of car.
 2. Excessive speed.
 3. _____

Other Factors: 1. Defeated containment ability of bridgerail.
 2. Driver predilection to speed.
 3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1 Driver</u>		<u>0</u>
	<u>5 Passengers</u>		
	_____		_____
	_____		_____

Probable Cause of Casualty:
 1. Crushing forces.
 2. _____
 3. _____

Property Losses:
 Vehicles: Unknown
 Other Property: Unknown

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-194-79

Reporting Agency: Kansas City Field Office.

Highway Accident Number: MKC-79-F-H023

Location: City Pickinson State North Dakota Local time: 2035 Date: 07/01/79 Weather: Clear - drv Light condition: Dusk
Road FAS Road No. 4510 Intersecting Street None City & State of Business/Residence
Vehicle: Year Make Model Type Operator
1. 1979 Chevrolet Chevette 4-door sedan Christopher Beaks Newton, North Dakota
2. 1969 International 1000D Pickup Robert F. Vaagen Taylor, North Dakota
3. _____
4. _____

Accident

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

While traveling at an estimated 60-75 mph, a westbound Chevrolet struck a loose chunk of asphalt road surface, lost control, crossed the centerline of the two-lane highway and struck an eastbound pickup headon. The pickup tried to avoid the Chevrolet by driving to the right but did not have sufficient time to avoid the collision. Formerly designated U.S. Route No. 10, the 29-year-old road now is Federal Aid Secondary Road No. 4510. Loose pieces of surface material lying in their original sites were easily dislodged. The Chevrolet driver's blood alcohol count was 0.23 percent when tested.

Probable Cause: 1. Failure of Chevrolet driver to maintain vehicle control due to the influence of alcohol

2. Improper maintenance of road surface.

3. _____

Other

Factors: 1. Excessive Chevrolet speed for road conditions.

2. Overloading Chevette with 6 occupants when designed for four.

3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1 Driver of Chevrolet</u>		<u>1 Passenger in Chevrolet</u>
	<u>1 Driver of pickup</u>		_____
	<u>4 Passengers of Chevrolet</u>		_____
	_____		_____

Probable Cause of Casualty:

- Impact forces.
- Failure of occupants to wear available occupant restraints.
- _____

Property Losses:

Vehicles: \$1,000

Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-195-79

Reporting Agency: Kansas City Field Office

Highway Accident Number: MKC-79-F-H024

Location: City Randlett State Oklahoma Local time: 1530 Date: 07/11/79 Weather: Clear - dry Light condition: Davlight
Road U.S. Route 277 Intersecting Street U.S. Route 70 City & State of Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1979	Kenworth	W900A	Tractor-	Joe Brown Trucking Company	Davis, Oklahoma
2.	1978	Fruehauf	Dump	semitrailer	Joe Brown Trucking Company	Davis, Oklahoma
3.	1977	Ford	LTD	4-door sedan	Earl E. Grubbs	Waurika, Oklahoma
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
A southbound Ford was stopped on the shoulder of the road while one of the passengers got out to retrieve a hat and a hub cap from the side of the road. As the driver of a southbound truck was trying to ground a wire to his CB radio, the truck drifted onto the shoulder of the road at about 57-62 mph and struck the stopped Ford. The truck overrode the rear of the Ford. All eight occupants of the Ford were ejected.

Probable Cause: 1. Truckdriver inattention to driving.
2. _____
3. _____

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

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> <u>Driver of Ford</u>		<u>1</u> <u>Truckdriver</u>
	<u>6</u> <u>Passengers in Ford</u>		<u>1</u> <u>Passenger in Ford</u>
	_____		_____
	_____		_____

Probable Cause of Casualty:
1. Crushing forces from truck override and ejection.
2. _____
3. _____

Property Losses:
Vehicles: \$12,000
Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-196-79

Reporting

Agency: Kansas City Field Office

Highway Accident Number: MKC-79-F-H025

Location:

City Brodhead State Kentucky

Local time: 0030 Date: 07/12/79 Weather: Cloudy - dry Light condition: Dark/lighted

Road U.S. Route 150 Intersecting Street None

City & State of Business/Residence

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	<u>1974</u>	<u>Pontiac</u>	<u>Grand Prix</u>	<u>2-door sedan</u>	<u>Kenneth H. Rose</u>	<u>Brodhead, Kentucky</u>
2.						
3.						
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
Traveling at an estimated 67 mph, the Pontiac failed to negotiate a left curve with a calculated critical speed of 70 mph. The car ran off the road, down a 12-foot embankment, and overturned, pinning the driver behind the steering wheel and ejecting the 4 passengers. The driver had a 0.24 percent blood alcohol test reading.

Probable Cause: 1. Failure of driver to maintain directional control of his vehicle.
2. Intoxication.
3. _____

Other

Factors: 1. Speed in excess of speed limit.
2. _____
3. _____

Fatalities:	Number:	(driver, passenger, pedestrian)	Injuries:	Number:	(driver, passenger, pedestrian)
	<u>1</u>	<u>Driver of Pontiac</u>		<u>0</u>	
	<u>4</u>	<u>Passengers in Pontiac</u>			

Probable Cause of Casualty:

1. Impact injuries.
2. Failure of passengers to wear available restraints
3. _____

Property Losses:
Vehicles: \$2,500
Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-222-79

Reporting

Agency: Kansas City Field Office

Highway Accident Number: MKC-79-F-H026

Location:

City Centerville State Texas Local time: 0630 Date: 07/27/79 Weather: Rain Light condition: Dawn
Road State Route 7 Intersecting Street None

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1975	Transtar		Tractor-semitrailer	Lane Processing	Grannis, Arkansas
2.	1978	Dodge	Maxivan	Van	Roy S. Parker	Cleveland, Texas
3.	1977	Dodge	Maxivan	Van	Richard W. McGee	Splendora, Texas
4.	1977	Pontiac	GrLemans	2-door sedan	Harry L. McGee	Natches, Mississippi

Accident

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

The two vans and the Pontiac were stopped at the Beaver Dam Creek bridge due to high water across the road. As the truck came over the crest of a hill and began descending toward Beaver Dam Creek, the truckdriver saw the stopped vehicles. He braked but could not stop, striking the cars and knocking the 1977 Dodge van into the creek.

Probable Cause: 1. Inability of truck to stop due to faulty brakes and smooth tires.

2. Lack of preventive maintenance program.

3. Heavy rain, resulting in reduced visibility and decreased perception time.

Other

Factors: 1. Absence of bridge rail.

2. _____

3. _____

Fatalities: Number: (driver, passenger, pedestrian)

1 Driver of 1977 Dodge Van

4 Passengers in 1977 Dodge Van

Injuries: Number: (driver passenger, pedestrian)

6 Passengers in 1977 Dodge Van

4 Passengers in Pontiac

Probable Cause of Casualty:

1. Drowning (fatalities)

2. Impact with vehicle interior (injuries)

3. _____

Property Losses:

Vehicles: \$15,000

Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office for
Kansas City Field Office

Docket Number: HY-210-79

Highway Accident Number: MKC-79-F-H027

Location: City Hincklev State Illinois Local time: 0740 Date: 07/30/79 Weather: Raining - wet Light condition: Daylight - overcast
Road U.S. Route 30 Intersecting Street None

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1978	Ford	E140	Van	Dawn T. Nelsen	Sandwich, Illinois
2.	1973	Peterbilt	359A	Tractor	Peter C. Puber	DeKalb, Illinois
3.						
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
An eastbound automobile stalled out during a heavy rain and came to a stop partially on the road shoulder, its left wheels on the road. As an eastbound van approached the stalled auto, the van swerved to its left and collided headon with a westbound truck, demolishing the customized van. U.S. Route 30 is a 2-lane, 22-foot-wide highway.

Probable Cause: 1. Loss of control of vehicle due to driver overreaction.

Cause:

2. Heavy rain.

3. _____

Other

Factors: 1. Driver inexperience.

2. Rutted condition of highway.

3. _____

Fatalities: Number: (driver, passenger, pedestrian)
1 Driver of Ford van
5 Passengers in Ford van

Injuries: Number: (driver, passenger, pedestrian)
7 Passengers in Ford van

Probable Cause of Casualty:

1. Crushing impact with van interior

2. _____

3. _____

Property Losses:

Vehicles: \$14,000

Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: HY-70-77

Reporting Agency: Oakland Field Office

Highway Accident Number: OAK-77-I-H001

Location: City San Jose State California Local time: 0556 Date: 06/09/77 Weather: Clear - dry Light condition: Daylight
Road Interstate 280 Intersecting Street None City & State of Business/Residence Santa Clara County, California

Vehicle:	Year	Make	Model	Type	Operator
1.	<u>1974</u>	<u>Twin Coach</u>		<u>25-passenger bus</u>	<u>Santa Clara County Transit System</u>
2.					
3.					
4.					

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
A Twin Coach bus, occupied only by its driver, was southbound on Interstate 280 when passing motorists alerted the driver to smoke and fire at the rear of the vehicle. The driver stopped on the side of the road and safely exited the bus which was totally destroyed by fire. The entire bus fleet has experienced trouble with excessive heat in the engine compartment.

Probable Cause: 1. Inadequate maintenance program, resulting in deteriorated fan belt idler pulley.
2. _____
3. _____

Other

Factors: 1. Excessive engine compartment temperature.
2. Flammability of engine compartment components.
3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>0</u>		<u>0</u>
	_____		_____
	_____		_____
	_____		_____

Probable Cause of Casualty:

1. None.
2. _____
3. _____

Property Losses:

Vehicles: \$40,000
Other Property: 0

**NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594**

Docket Number: HY-79-78

Reporting Agency: Oakland Field Office

Highway Accident Number: OAK-78-I-H001

Location: City Spanish Fork State Utah Local time: 0500 Date: 02/05/78 Weather: Cloudy - dry Light condition: Darkness

Road Utah State Route 6 Intersecting Street None City & State of Business/Residence Houston, Texas

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	<u>1977</u>	<u>Peterbilt</u>	<u>352 S86</u>	<u>Tractor-</u>	<u>Mims Meats</u>	<u>Houston, Texas</u>
2.	<u>1976</u>	<u>Utility</u>		<u>semitrailer</u>		
3.						
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
The tractor-semitrailer was westbound on Utah State Route 6, a two-lane blacktop roadway with an approximate 5 percent downgrade and many sharp curves. Traveling at an estimated speed of 80 mph, the truck failed to negotiate a righthand curve, tipped onto its left side and slid off the embankment. A warning sign recommended a maximum speed of 40 mph through the curve.

Probable Cause: 1. Failure to negotiate a curve due to excessive speed.
2. _____
3. _____

Other

Factors: 1. Possible driver fatigue.
2. Driver physical disability. (Wooden right leg from knee down)
3. _____

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> Driver of tractor-semitrailer		<u>0</u>
	_____		_____
	_____		_____
	_____		_____

Probable Cause of Casualty:

1. Crushing between vehicle interior components
2. _____
3. _____

Property Losses:

Vehicles: \$40,000
Other Property: 8,000 (cargo)

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Docket Number: NY-109-78

Reporting Agency: Oakland Field Office

Highway Accident Number: OAK-78-F-H009

Location: City Ukiah State California Local time: 0440 Date: 09/17/78 Weather: Clear - drv Light condition: Darkness
Road State Route 20 Intersecting Street None

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1970	Chevrolet	CS10704	Pickup truck	Daniel Lee Turner	Santa Maria, California
2.	1968	Chevrolet		Stationwagon	Fausto Pena	Potter Valley, California
3.						
4.						

Accident

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

The pickup truck crossed the centerline and struck the stationwagon headon on a two-lane, two-way road. The driver of the Chevrolet stationwagon was taking his wife to a hospital for the delivery of her first child. The driver of the pickup had a 0.13 percent blood alcohol test reading. Both drivers and the expectant mother were killed.

Probable Cause: 1. Loss of vehicle control by the pickup truckdriver who apparently fell asleep.
2. Driver intoxication.
3. _____

Other

Factors: 1. None.
2. _____
3. _____

Fatalities:	Number:	(driver, passenger, pedestrian)	Injuries:	Number:	(driver, passenger, pedestrian)
	1	Driver of Chevrolet pickup		0	
	1	Driver of Chevrolet stationwagon			
	1	Passenger in Chevrolet stationwagon			

Probable Cause of Casualty:

1. Impact forces.
2. _____
3. _____

Property Losses:

Vehicles: \$800
Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting Agency: <u>Oakland Field Office</u>		Docket Number: <u>HY-152-79</u>	
		Highway Accident Number: <u>OAK-79-F-H007</u>	
Location:	Local time:	Date:	Weather:
<u>City San Mateo</u>	<u>1325</u>	<u>04/01/79</u>	<u>Clear - dry</u>
<u>State California</u>			Light condition:
<u>Road State Route 35</u>	Intersecting Street	County Road	<u>Daylight</u>
Vehicle: Year	Make	Model	Type
<u>1. 1964</u>	<u>Lincoln</u>	<u>Continental</u>	<u>4-door sedan</u>
<u>2.</u>			
<u>3.</u>			
<u>4.</u>			
		Operator	City & State of Business/Residence
		<u>Cherie Lynn Branston</u>	<u>Foster City, California</u>

Accident Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
 A southbound Lincoln traveling at high speed failed to negotiate a left curve, ran off the roadway, overturned to its right and struck a tree, roof first. The 16 year old female driver and 4 passengers died in the accident. An autopsy revealed blood alcohol level of 0.12 percent. This inexperienced driver was driving the car without her parents consent.

Probable Cause: 1. Excessive speed by inexperienced, intoxicated driver.
 2. _____
 3. _____

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

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>1</u> Driver of Lincoln		<u>0</u>
	<u>4</u> Passengers in Lincoln		
	_____		_____
	_____		_____

Probable Cause of Casualty:
 1. Crushing impact forces.
 2. _____
 3. _____

Property Losses:
 Vehicles: \$2,500
 Other Property: 0

NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594

Reporting ~~Kansas~~ City Field Office for the
Agency: Oakland Field Office

Docket Number: NY-172-79

Highway Accident Number: OAK-79-F-H012

Location: City Young State Arizona Local time: 0650 Date: 05/02/79 Weather: Clear - dry Light condition: Daylight
Road State Route 288 Intersecting Street Milepost 282

Vehicle:	Year	Make	Model	Type	Operator	City & State of Business/Residence
1.	1974	Ford	F-250	Pickup truck	Reidhead Enterprizes	Heber, Arizona
2.						
3.						
4.						

Accident

Description: (type of accident and presence or absence of significant precrash, crash and postcrash factors)
The pickup truck brakes failed as the truck was descending a long, steep grade. The pickup truck passed two truck-escape routes, but the driver elected not to use either. When the driver tried to downshift, he could not get past neutral, and the free-wheeling truck began to accelerate. On an "S" curve, the driver drove off the road into the soft ground of the shoulder to try to slow the runaway vehicle. However, the truck rotated, rolled over and struck a tree.

Probable Cause: 1. Loss of control due to brake failure.
2. Inadequate preventive maintenance program.
3. _____

Other

Factors: 1. Driver's decision to drive an unsafe vehicle, knowing that the brake were not functioning properly.
2. Driver's judgment in electing to downshift at too high a speed and not getting beyond neutral.
3. Driver's decision not to pull off the road into either of two truck-escape routes.

Fatalities:	Number: (driver, passenger, pedestrian)	Injuries:	Number: (driver, passenger, pedestrian)
	<u>9</u> <u>Passengers in pickup truck</u>		<u>1</u> <u>Driver of pickup truck</u>
	_____		_____
	_____		_____
	_____		_____

Probable Cause of Casualty:

1. Blunt impact with interior of vehicle.
2. _____
3. _____

Property Losses:
Vehicles: \$7,000
Other Property: 0