



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

400 Seventh Street, S.W.  
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE  
(800) 424-9393  
Wash. D.C. Area 366-0123



21

PSU 82 CASE NO. 618P TYPE OF ACCIDENT Passenger Van / Running pedestrian

**A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES**

(Provide a summary of the accident sequence as well as any particular event of the accident that is noteworthy. Pedestrian injury mechanism and vehicle interaction is the focus, not pedestrian or driver culpability. Do not include any personal identifiers.)

Vehicle one was northbound in lane 2 of a 4 lane two way street. A bus was stopped northbound in lane 1. A pedestrian alighted the bus and went around the front of the bus and ran westerly and slightly north across the street. V1 swerved left out of the lane of traffic and struck the pedestrian to the front right of V1. The pedestrian wrapped on the hood and was launched forward and left of V1 and also slid on the ground to final rest. V1 departed its lane of travel and ended up northwesterly in lane 3.

**B. PEDESTRIAN PROFILE**

Pedestrian No.	Age	Sex	Treatment/ Mortality	Most Severe Injury (TO BE COMPLETED BY ZONE CENTER)			
				Body Region	Ana. Struc.	AIS	Injury Source
01	29	Female	Treated/ Released	brain head	CHI contusion	7 1	hood - not cent freed

Body Region	Type of Anatomic Structure	Abbreviated Injury Scale
Head	Whole Area	(1) Minor injury
Face	Vessels	(2) Moderate injury
Throat	Nerves	(3) Serious injury
Chest	Organs	(4) Severe injury
Abdomen/Pelvis	Skeletal	(5) Critical injury
Spine	Head-LOC	(6) Maximum (untreatable)
Upper Extremity	Skin-Burn	(7) Injured, unknown severity
Lower Extremity	Skin-Other	
External		

**C. VEHICLE PROFILE**

Vehicle No.	Class of Vehicle	Year/Make/Model	Most Severe Damage Based on Vehicle Inspection	
			Damage Plane	Damage Description
01	passenger van	95/Plymouth/Voyager	Front	Scuffs, small dents.

**DO NOT SANITIZE THIS FORM**



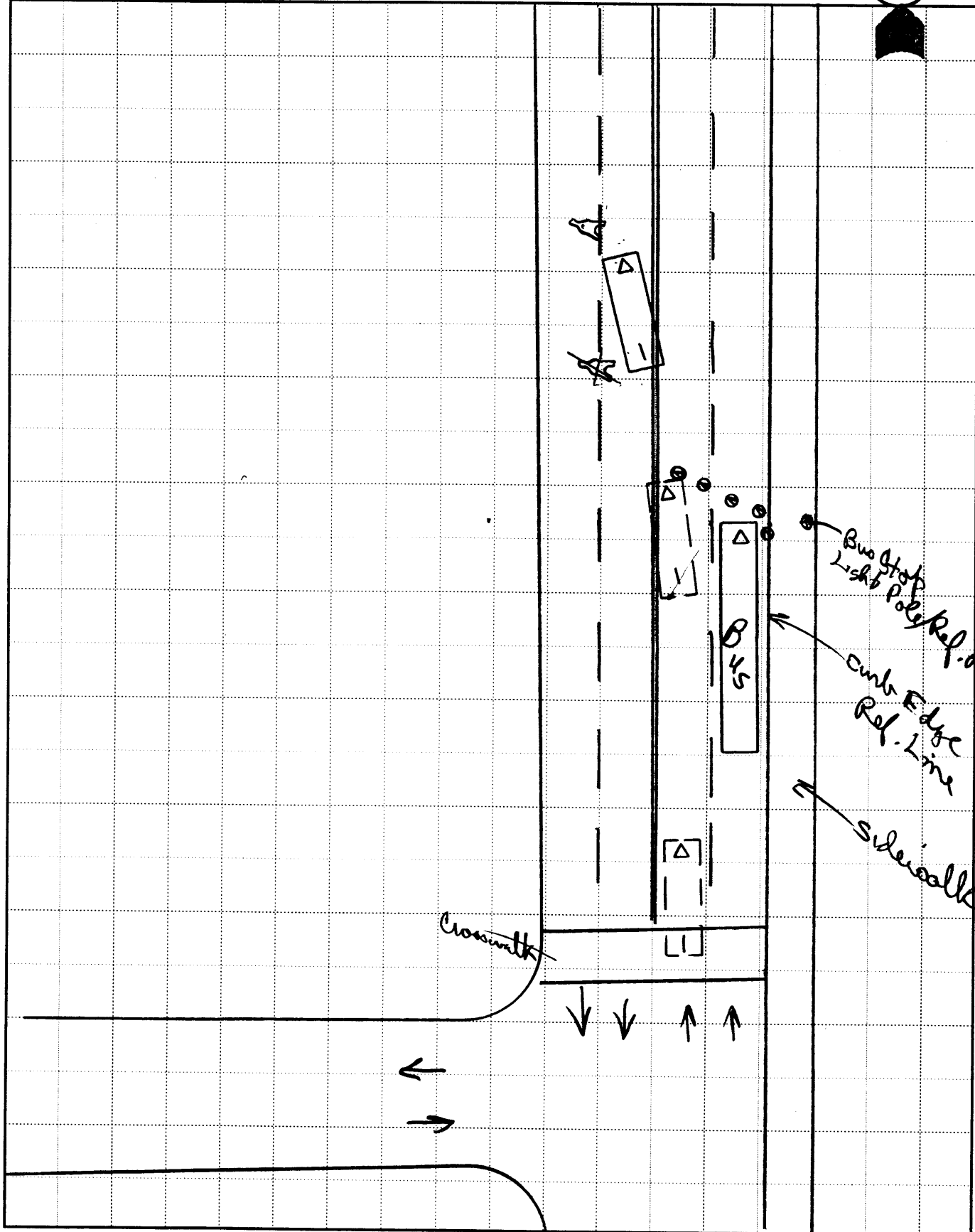
# ACCIDENT COLLISION DIAGRAM

3

PSU No. 82

Case Number—Stratum 618P

Indicate North





U.S. Department of Transportation  
National Highway Traffic Safety  
Administration

# ACCIDENT COLLISION DIAGRAM

NATIONAL ACCIDENT SAMPLING SYSTEM  
CRASHWORTHINESS DATA SYSTEM

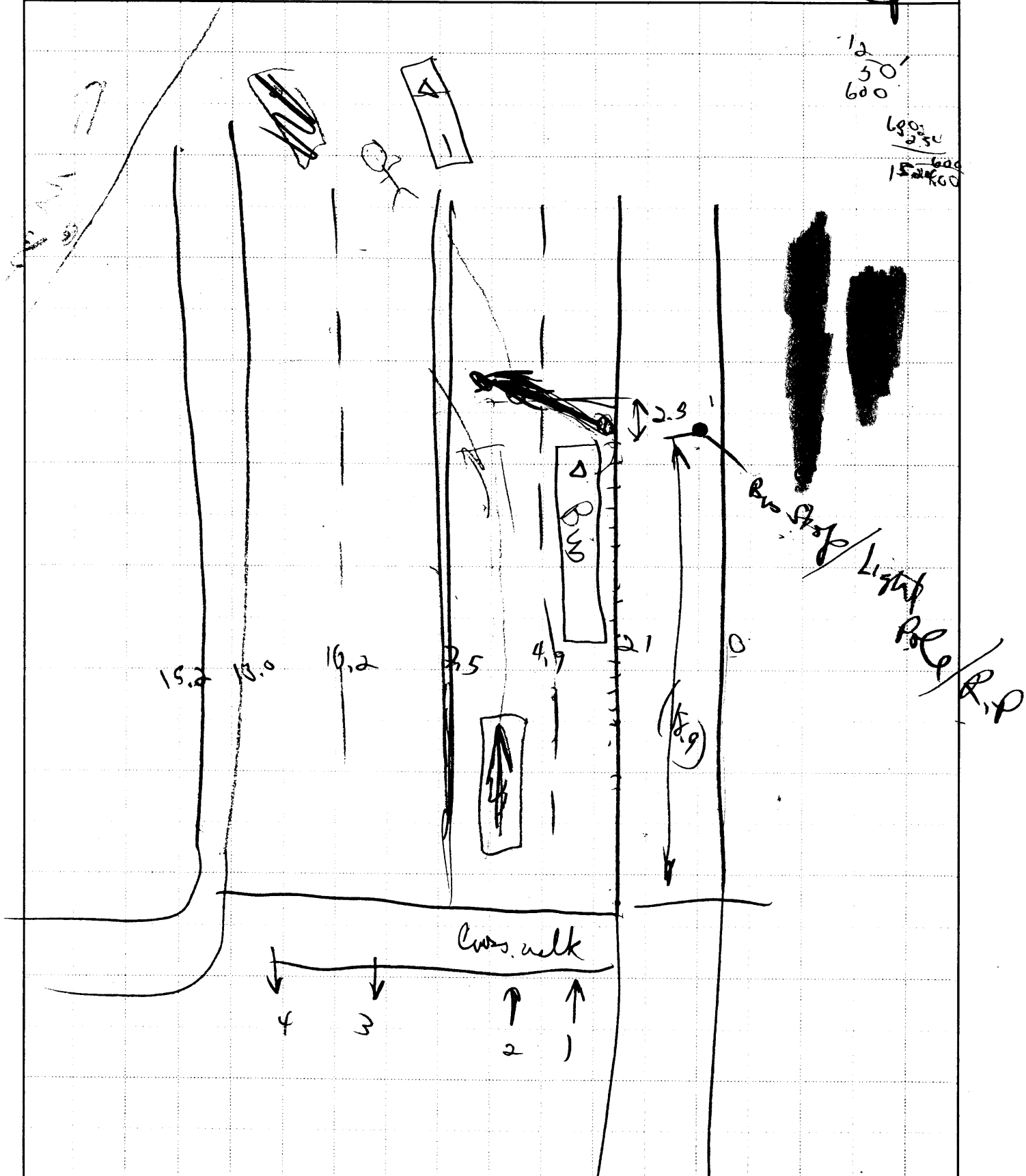
PSU No. 82

Case Number - Stratum 618P

Indicate North



12  
50'  
600  
600  
350  
600  
1500  
600









# PEDESTRIAN ACCIDENT FORM

4

1. Primary Sampling Unit Number 82  
2. Case Number - Stratum 6 18 P

## SPECIAL STUDIES - INDICATORS

Check (✓) each special study (SS15-SS19 below) that has been completed; code 1 for the checked special studies and 0 for the special studies not checked.

## IDENTIFICATION

3. Number of General Vehicle Forms Submitted 0 1  
4. Date of Accident (Month, Day, Year) [REDACTED] / 9 5  
5. Time of Accident 1600  
Code reported military time of accident.  
NOTE: Midnight = 2400  
Unknown = 9999

6. 0 SS15 Administrative Use  
7. 1 ✓ SS16 Pedestrian Crash Data Study  
8. 0 SS17 Impact Fires  
9. 0 SS18 \_\_\_\_\_  
10. 0 SS19 \_\_\_\_\_

## NUMBER OF EVENTS

11. Number of Recorded Events in This Accident 0 1

## PEDESTRIAN STUDY CRITERIA

### Pedestrian Definition:

Any person who is on a trafficway or on a sidewalk or path contiguous with a trafficway, or on private property (e.g., parking lot). Note: Pedestrians include persons who are in contact with the ground, roadway, etc. and are pushing carts, wagons, etc. or holding on to a vehicle.

Persons in or on a nonmotorist conveyance are not pedestrians and are excluded from this study. A nonmotorist conveyance is defined as any human powered device by which a nonmotorist may move, or by which a pedestrian or nonmotorist may move another nonmotorist. A nonmotorist conveyance for purposes of this study includes the following: bicycles, baby carriages, roller skates/blades, push carts, scooters, wheelchairs, animals, etc. For example, persons on a bicycle/scooter, roller skating/blading, in a baby carriage/push cart/wheelchair or on a horse are excluded.

### Case Selection Criteria:

A forward moving, late model year (VEH04 equals 90 to 95) CDS applicable vehicle (VEH07 equals 01 to 49) must strike a pedestrian.

The striking portion of the vehicle structure must be original equipment manufacturer (OEM) without previous damage and or parts removed in the impact area. For example, vehicles equipped with deer guards, winches, snow plows, etc. or previously damaged in the impact area are excluded.

The pedestrian may not be lying or sitting.

The pedestrian impact(s) are the vehicle's only impact(s). If multiple pedestrians are impacted, each pedestrian shall be a separate case.

The first point of contact between the late model year, CDS applicable vehicle and the pedestrian must be forward of the top of the A pillar.

## PEDESTRIAN ACCIDENT EVENTS

Accident Event Sequence Number	Vehicle Number	Class Of Vehicle	General Area of Damage	Vehicle Number or Object Contacted	Class Of Vehicle	General Area of Damage
12. <u>0 1</u>	13. <u>0 1</u>	14. <u>13</u>	15. <u>F</u>	16. <u>7 2</u>	17. <u>0 0</u>	18. <u>0</u>

**CODES FOR  
CLASS OF VEHICLE**

- (00) Not a motor vehicle
- (01) Subcompact/mini (wheelbase < 254 cm)
- (02) Compact (wheelbase ≥ 254 but < 265 cm)
- (03) Intermediate (wheelbase ≥ 265 but < 278 cm)
- (04) Full size (wheelbase ≥ 278 but < 291 cm)
- (05) Largest (wheelbase ≥ 291 cm)
- (09) Unknown passenger car size
- (11) Compact utility vehicle
- (12) Large utility vehicle (≤ 4,500 kgs GVWR)
- (13) Passenger van (≤ 4,500 kgs GVWR)
- (14) Other van (≤ 4,500 kgs GVWR)
- (15) Pickup truck (≤ 4,500 kgs GVWR)
- (18) Other truck (≤ 4,500 kgs GVWR)
- (19) Unknown light truck type

**CODES FOR GENERAL AREA  
OF DAMAGE (GAD)**

**CDS APPLICABLE  
VEHICLES**

- (F) Front
- (R) Right side
- (L) Left side
- (U) Undercarriage
- (9) Unknown

**CODES FOR VEHICLE NUMBER OR OBJECT CONTACTED**

**Collision with Nonfixed Object**

- (72) Pedestrian





# PEDESTRIAN ASSESSMENT FORM

<p>1. Primary Sampling Unit Number <u>82</u></p> <p>2. Case Number - Stratum <u>618P</u></p> <p>3. Pedestrian Number <u>01</u></p>	<p>10. Pedestrian's Weight <u>150</u> Code actual weight to the nearest kilogram. (999) Unknown</p> <p><u>110</u> pounds X .4536 = _____ kilograms</p>
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PEDESTRIAN'S CHARACTERISTICS	PEDESTRIAN'S PRE-AVOIDANCE ACTIONS
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<p>4. Pedestrian's Age <u>29</u> Code actual age at time of accident. (00) Less than one year old (specify by month): _____ (97) 97 years and older (99) Unknown</p> <p>5. Pedestrian's Sex <u>2</u> (1) Male (2) Female - not reported pregnant (3) Female - pregnant-1st trimester (1st-3rd month) (4) Female - pregnant-2nd trimester (4th-6th month) (5) Female - pregnant-3rd trimester (7th-9th month) (6) Female - pregnant-term unknown (9) Unknown</p> <p>6. Pedestrian's Overall Height <u>155</u> Code actual height to the nearest centimeter. (999) Unknown <u>61</u> inches X 2.54 = _____ centimeters</p> <p>7. Pedestrian's Height - Ground to Knee <u>43</u> Code to the nearest centimeter. (999) Unknown _____ inches X 2.54 = _____ centimeters</p> <p>8. Pedestrian's Height - Ground to Hip <u>085</u> Code to the nearest centimeter. (999) Unknown _____ inches X 2.54 = _____ centimeters</p> <p>9. Pedestrian's Height - Ground to Shoulder <u>133</u> Code to the nearest centimeter. (999) Unknown _____ inches X 2.54 = _____ centimeters</p>	<p>11. Pedestrian Attitude <u>1</u> (1) Standing (2) Crouching (3) Kneeling (4) Bending at waist (8) Other (specify): _____ (9) Unknown</p> <p>12. Pedestrian Motion <u>W</u> (0) Not moving (1) Walking slowly (2) Walking rapidly (3) Running or jogging (4) Hopping (5) Skipping (6) Jumping (7) Falling/stumbling or rising (8) Other (specify): _____ (9) Unknown</p> <p>13. Pedestrian's Action Relative to Vehicle <u>02</u> (00) Stopped (01) Crossing road, straight (02) Crossing road, diagonally (03) Moving in road, with traffic (04) Moving in road, against traffic (05) Off road, approaching road (06) Off road, going away from road (07) Off road, moving parallel (08) Off road, crossing driveway (09) Off road, moving along driveway (98) Other (specify): _____ (99) Unknown</p> <p>14. Pedestrian's Body (Chest) Orientation Relative to Striking Vehicle Prior to Avoidance Actions <u>W</u> (1) Facing vehicle (2) Facing away (3) Left side to vehicle (4) Right side to vehicle (8) Other (specify): _____ (9) Unknown</p>
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**PEDESTRIAN'S AVOIDANCE ACTIONS**

15. Pedestrian's First Avoidance Actions 00

- (00) No avoidance actions
- (01) Stopped
- (02) Accelerated pace
- (03) Ran away (along vehicle path)
- (04) Jumped
- (05) Turned toward vehicle
- (06) Turned away from vehicle
- (07) Dove or fell away

Used hand(s) to :

- (11) Vault corner of vehicle
- (12) Vault onto vehicle
- (13) Brace against vehicle
- (14) Crouched and braced hands against vehicle
- (98) Other (specify): \_\_\_\_\_
- (99) Unknown

**PEDESTRIAN'S ORIENTATION AT IMPACT**

16. Pedestrian's Head Orientation at Initial Impact 1

- (1) To front
- (2) To left
- (3) To right
- (4) Up
- (5) Down
- (8) Other (specify): \_\_\_\_\_
- (9) Unknown

17. Pedestrian's Body (Chest) Orientation at Initial Impact 2

- (1) Facing vehicle
- (2) Facing away
- (3) Left side to vehicle
- (4) Right side to vehicle
- (8) Other (specify): \_\_\_\_\_
- (9) Unknown

18. Pedestrian's Arm Orientation at Initial Impact 11

- (01) At sides
- (02) Folded across chest
- (03) Hands clasped behind back
- (04) Hands on hips
- (05) Hands in pockets

One or both arms:

- (06) Extended upward
- (07) Extended to side
- (08) Extended forward bracing
- (09) Extended, holding object (briefcase, suitcase, etc.)
- (10) Holding object (young child, grocery bag, etc.) in arm(s)
- (11) Holding object (young child, grocery bag, etc.) on shoulder(s) or head
- (98) Other (specify): \_\_\_\_\_
- (99) Unknown

19. Pedestrian's Leg Orientation at Initial Impact 04

- (01) Together
- (02) Apart-laterally
- (03) Apart-right leg forward
- (04) Apart-left leg forward
- (05) Apart- forward leg unknown
- (06) Left foot off the ground
- (07) Right foot off the ground
- (08) Both feet off the ground
- (98) Other (specify): \_\_\_\_\_
- (99) Unknown

20. Vehicle/Pedestrian's Interaction 06

- (01) Carried by vehicle, wrapped position
- (02) Carried by vehicle, slid to windshield
- (03) Carried by vehicle, position unknown
- (04) Passed over vehicle top
- (05) Thrown straight forward
- (06) Thrown forward and left of vehicle
- (07) Thrown forward and right of vehicle
- (08) Knocked to pavement, forward
- (09) Knocked to pavement, left of vehicle
- (10) Knocked to pavement, right of vehicle
- (11) Knocked to pavement, run over or dragged by vehicle
- (12) Shunted to left (corner impacts only)
- (13) Shunted to right (corner impacts only)
- (14) Bumped or pushed aside
- (15) Snagged, rotated
- (16) Snagged, dragged by vehicle
- (17) Foot or legs run over
- (98) Other (specify): \_\_\_\_\_
- (99) Unknown

## OFFICIAL RECORDS

## INJURY CONSEQUENCES

## 21. Police Reported Alcohol Presence For Pedestrian

- (0) No alcohol present  
 (1) Yes alcohol present  
 (7) Not reported  
 (9) Unknown

Q

## 22. Alcohol Test Result For Pedestrian Code actual value (decimal implied before first digit—0.xx)

- (95) Test refused  
 (96) None given  
 (97) AC (Alcohol Content) test performed, results unknown  
 (99) Unknown if test given

96

Source: PAK

## 23. Police Reported Other Drug Presence For Pedestrian

- (0) No other drug(s) present  
 (1) Yes other drug(s) present  
 (7) Not reported  
 (9) Unknown

Q

## 24. Other Drug Specimen Test Result For Pedestrian

- (0) No specimen test given  
 (1) Drug not found in specimen  
 (2) Drug found in specimen, (specify): \_\_\_\_\_  
 (3) Specimen test given, results unknown or not obtained  
 (9) Unknown

Q

## 25. Injury Severity (Police Rating)

- (0) O - No injury  
 (1) C - Possible injury  
 (2) B - Nonincapacitating injury  
 (3) A - Incapacitating injury  
 (4) K - Killed  
 (5) U - Injury, severity unknown  
 (6) Died prior to accident  
 (9) Unknown

W

## 26. Treatment - Mortality

- (0) No treatment  
 (1) Fatal  
 (2) Fatal - ruled disease (specify): \_\_\_\_\_

4

*Nonfatal*

- (3) Hospitalization  
 (4) Transported and released  
 (5) Treatment at scene - non-transported  
 (6) Treatment later  
 (8) Treatment - other (specify): \_\_\_\_\_

- (9) Unknown

## 27. Type Of Medical Facility (for Initial Treatment)

- (0) Not treated at a medical facility  
 (1) Trauma center  
 (2) Hospital  
 (3) Medical clinic  
 (4) Physician's office  
 (5) Treatment later at medical facility  
 (8) Other (specify): \_\_\_\_\_  
 (9) Unknown

1

## 28. Hospital Stay

- (00) Not Hospitalized  
 \_\_\_\_\_ Code the number of days (up through 60) that the pedestrian stayed in a hospital.  
 (61) 61 days or more  
 (99) Unknown

Q Q

## 29. Working Days Lost

- \_\_\_\_\_ Code the number of days (up through 60) that the pedestrian lost from work due to the accident  
 (00) No working days lost  
 (61) 61 days or more  
 (62) Fatally injured  
 (97) Not working prior to accident  
 (99) Unknown

Q 5

**STOP - VARIABLES 30 THROUGH 37 ARE COMPLETED BY THE ZONE CENTER**

30. Glasgow Coma Scale (GCS) Score 15  
 (at Medical Facility)  
 (00) Not injured  
 (01) Injured - not treated at medical facility  
 (02) No GCS Score at medical facility  
 (03-15) Code the actual value of the initial GCS Score recorded at medical facility.  
 (97) Injured, details unknown  
 (99) Unknown if injured

31. Was the Pedestrian Given Blood? +  
 (1) No - blood not given  
 (2) Yes - blood given (specify units): \_\_\_\_\_  
 (9) Unknown if blood given

32. Arterial Blood Gases (ABG) - HCO<sub>3</sub> 01  
 (00) Not injured  
 (01) Injured, ABGs not measured or reported  
 (02-50) Code the actual value of the HCO<sub>3</sub>  
 (96) ABGs reported, HCO<sub>3</sub> unknown  
 (97) Injured, details unknown  
 (99) Unknown if injured

33. Time to Death 00  
 \_\_\_\_\_ Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, ... n days = 30 + n up through 30 days = 60)  
 (00) Not fatal  
 (96) Fatal - ruled disease  
 (99) Unknown

34. 1st Medically Reported Cause of Death 00

35. 2nd Medically Reported Cause of Death 00

36. 3rd Medically Reported Cause of Death 00  
 \_\_\_\_\_ Code the Pedestrian Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this pedestrian's death  
 (00) Not fatal or no additional causes  
 (96) Mode of death given but specific injuries are not linked to cause of death. (specify): \_\_\_\_\_  
 (97) Other result (includes fatal ruled disease) (specify): \_\_\_\_\_  
 (99) Unknown

37. Number of Recorded Injuries for This Pedestrian 10  
 \_\_\_\_\_ Code the actual number of injuries recorded for this pedestrian.  
 (00) No recorded injuries  
 (97) Injured, details unknown  
 (99) Unknown if injured

ARE ALL APPLICABLE MEDICAL RECORDS INCLUDED WITH INITIAL SUBMISSION?

NO [ ] YES []

UPDATE CANDIDATE?

NO [] YES [ ]



U.S. Department of Transportation  
National Highway Traffic Safety  
Administration

# PEDESTRIAN INJURY FORM

Form Approved  
O.M.B. No. 2127-0021  
NATIONAL ACCIDENT SAMPLING SYSTEM  
PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number	<u>82</u>	3. Pedestrian Number	<u>01</u>
2. Case Number - Stratum	<u>618P</u>	4. Blank	<u>XX</u>

## INJURY DATA

Record below the actual injuries sustained by this pedestrian in CHRONOLOGICAL order that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than twenty-five injuries have been documented, encode the balance on the Pedestrian Injury Supplement.

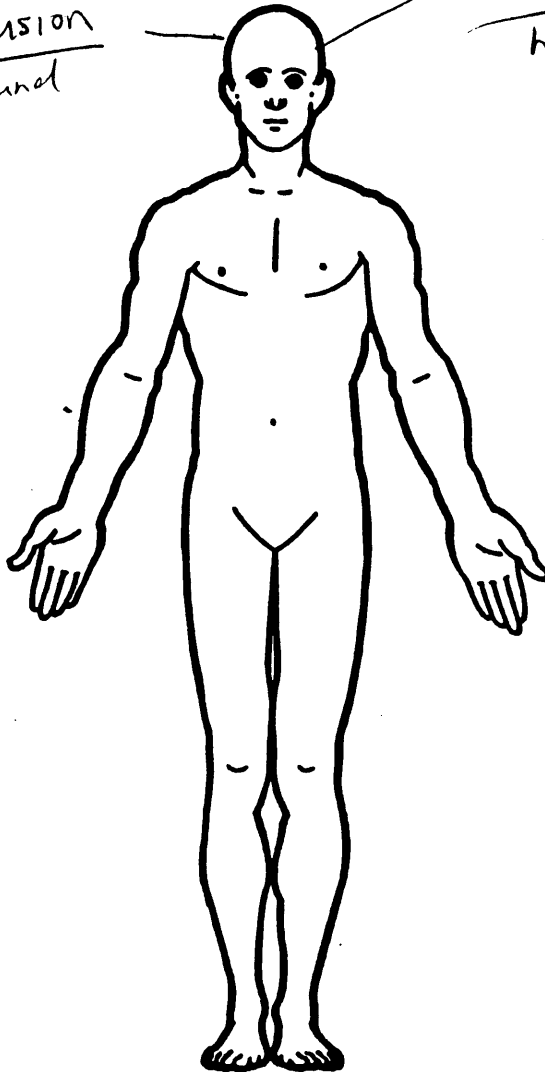
	Source of Injury Data	AIS-90						Injury Source	Injury Confidence Level	Direct/Indirect Injury	Striking Profile	Type Of Damage	Damage Depth
		Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect						
1st	5. <u>7</u>	6. <u>8</u>	7. <u>9</u>	8. <u>04</u>	9. <u>02</u>	10. <u>1</u>	11. <u>2</u>	12. <u>703</u>	13. <u>1</u>	14. <u>1</u>	15. <u>3</u>	16. <u>2</u>	17. <u>2</u>
2nd	18. <u>3</u>	19. <u>7</u>	20. <u>9</u>	21. <u>02</u>	22. <u>02</u>	23. <u>1</u>	24. <u>2</u>	25. <u>770</u>	26. <u>1</u>	27. <u>1</u>	28. <u>2</u>	29. <u>2</u>	30. <u>2</u>
3rd	31. <u>3</u>	32. <u>7</u>	33. <u>9</u>	34. <u>06</u>	35. <u>02</u>	36. <u>1</u>	37. <u>2</u>	38. <u>770</u>	39. <u>1</u>	40. <u>1</u>	41. <u>2</u>	42. <u>2</u>	43. <u>2</u>
4th	44. <u>3</u>	45. <u>1</u>	46. <u>9</u>	47. <u>04</u>	48. <u>02</u>	49. <u>1</u>	50. <u>6</u>	51. <u>770</u>	52. <u>1</u>	53. <u>1</u>	54. <u>2</u>	55. <u>3</u>	56. <u>3</u>
5th	57. <u>3</u>	58. <u>1</u>	59. <u>1</u>	60. <u>50</u>	61. <u>99</u>	62. <u>7</u>	63. <u>0</u>	64. <u>770</u>	65. <u>1</u>	66. <u>1</u>	67. <u>2</u>	68. <u>3</u>	69. <u>3</u>
6th	70. <u>3</u>	71. <u>6</u>	72. <u>4</u>	73. <u>02</u>	74. <u>78</u>	75. <u>1</u>	76. <u>6</u>	77. <u>770</u>	78. <u>1</u>	79. <u>2</u>	80. <u>2</u>	81. <u>3</u>	82. <u>3</u>
7th	83. <u>3</u>	84. <u>9</u>	85. <u>9</u>	86. <u>04</u>	87. <u>02</u>	88. <u>1</u>	89. <u>1</u>	90. <u>947</u>	91. <u>1</u>	92. <u>1</u>	93. <u>0</u>	94. <u>0</u>	95. <u>0</u>
8th	96. <u>7</u>	97. <u>7</u>	98. <u>9</u>	99. <u>02</u>	100. <u>02</u>	101. <u>1</u>	102. <u>1</u>	103. <u>947</u>	104. <u>1</u>	105. <u>1</u>	106. <u>0</u>	107. <u>0</u>	108. <u>0</u>
9th	109. <u>7</u>	110. <u>6</u>	111. <u>9</u>	112. <u>02</u>	113. <u>02</u>	114. <u>1</u>	115. <u>8</u>	116. <u>947</u>	117. <u>1</u>	118. <u>1</u>	119. <u>0</u>	120. <u>0</u>	121. <u>0</u>
10th	122. <u>7</u>	123. <u>8</u>	124. <u>9</u>	125. <u>04</u>	126. <u>02</u>	127. <u>1</u>	128. <u>1</u>	129. <u>947</u>	130. <u>1</u>	131. <u>1</u>	132. <u>0</u>	133. <u>0</u>	134. <u>0</u>



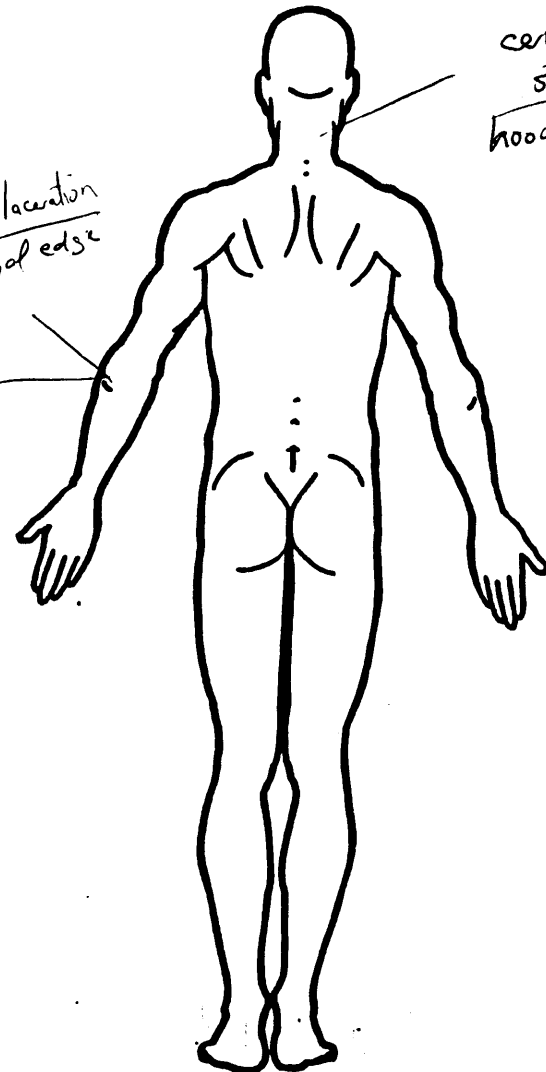
# OFFICIAL INJURY DATA — SOFT TISSUE INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

Ⓜ parietal  
contusion  
ground



Ⓛ occipital hematoma  
hood



Ⓛ elbow  
abrasion  
hood edge

1 cm laceration  
hood edge

cervical  
strain  
hood incorrect

<p><b>SOURCE OF INJURY DATA</b></p> <p><b>OFFICIAL</b></p> <p>(1) Autopsy records with or without hospital/medical records</p> <p>(2) Hospital/medical records other than emergency room (e.g., discharge summary)</p> <p>(3) Emergency room records only (including associated X-rays or other lab reports)</p> <p>(4) Private physician, walk-in or emergency clinic</p> <p><b>UNOFFICIAL</b></p> <p>(5) Lay coroner report</p> <p>(6) E.M.S. personnel</p> <p>(7) Interviewee</p> <p>(8) Other source (specify): _____</p> <p>(9) Police</p>	<p><b>INJURY SOURCE CONFIDENCE LEVEL</b></p> <p>(1) Certain</p> <p>(2) Probable</p> <p>(3) Possible</p> <p>(9) Unknown</p> <p><b>DIRECT/INDIRECT INJURY</b></p> <p>(1) Direct contact injury</p> <p>(2) Indirect contact injury</p> <p>(3) Noncontact injury</p> <p>(7) Injured, unknown source</p> <p><b>STRIKING PROFILE</b></p> <p>(0) Injury not from vehicle contact</p> <p>(1) Flat-Narrow (&lt; 15 centimeters)</p> <p>(2) Flat-Wide (≥ 15 centimeters)</p> <p>(3) Rounded (contoured)</p> <p>(4) Rounded edge</p> <p>(5) Sharp edge</p> <p>(8) Other (specify): _____</p> <p>(9) Unknown</p>	<p><b>TYPE OF DAMAGE</b></p> <p>(0) Injury not from vehicle contact</p> <p>(1) No damage/contact</p> <p>(2) Scratch</p> <p>(3) Dent</p> <p>(4) Large deformation</p> <p>(5) Cracked, fractured, shattered</p> <p>(6) Separated from vehicle</p> <p>(7) Noncontact injury</p> <p>(8) Other specify: _____</p> <p>(9) Unknown</p> <p><b>DAMAGE DEPTH</b></p> <p>(0) Injury not from vehicle contact</p> <p>(1) No residual damage</p> <p>(2) Surface only damage</p> <p>(3) Crush depth &gt;0 to 2 centimeters</p> <p>(4) Crush depth &gt; 2 to 5 centimeters</p> <p>(5) Crush depth &gt; 5 to 10 centimeters</p> <p>(8) Other specify: _____</p> <p>(9) Unknown</p>
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**PEDESTRIAN INJURY CLASSIFICATION**

Body Region	Specific Anatomic Structure	Spine	Abbreviated Injury Scale
(1) Head	<u>Whole Area</u>	(02) Cervical	(1) Minor injury
(2) Face	(02) Skin - Abrasion	(04) Thoracic	(2) Moderate injury
(3) Neck	(04) Skin - Contusion	(06) Lumbar	(3) Serious injury
(4) Thorax	(08) Skin - Laceration		(4) Severe injury
(5) Abdomen	(08) Skin - Avulsion	<u>Vessels, Nerves, Organs, Bones, Joints</u>	(5) Critical injury
(6) Spine	(10) Amputation	are assigned consecutive two digit numbers beginning with 02	(6) Maximum (untreatable)
(7) Upper Extremity	(20) Burn	<b>Level of Injury</b>	(7) Injured, unknown severity
(8) Lower Extremity	(30) Crush	Specific injuries are assigned consecutive two-digit numbers beginning with 02.	
(9) Unspecified	(40) Degloving	To the extent possible, within the organizational framework of the AIS, 00 is assigned to an injury NFS as to severity or where only one injury is given in the dictionary for that anatomic structure. 99 is assigned to any injury NFS as to lesion or severity.	<b>Aspect</b>
<b>Type of Anatomic Structure</b>	(50) Injury - NFS		(1) Right
(1) Whole Area	(90) Trauma, other than mechanical		(2) Left
(2) Vessels	<u>Head - LOC</u>		(3) Bilateral
(3) Nerves	(02) Length of LOC		(4) Central
(4) Organs (includes muscles/ligaments)	(04, 06, 08) Level of Consciousness		(5) Anterior
(5) Skeletal (includes joints)	(10) Concussion		(6) Posterior
(6) Head - LOC			(7) Superior
(8) Head - LOC			(8) Inferior
(9) Skin			(9) Unknown
			(0) Whole region

**INJURY SOURCE**

<p><b>FRONT</b></p> <p>700 Front bumper</p> <p>701 Front lower valance/spoiler</p> <p>702 Front grille</p> <p>703 Hood edge and/or trim</p> <p>704 Hood ornament (fixed)</p> <p>705 Hood ornament (spring loaded)</p> <p>706 Headlight</p> <p>707 Retractable headlight door (Open/Closed)</p> <p>708 Turn signal/parking lights</p> <p>718 Other front or add on object (specify): _____</p> <p>719 Unknown front object</p> <p><b>Left Side Components</b></p> <p>720 Front fender side surface</p> <p>721 Front antenna</p> <p>722 A1 pillar</p> <p>723 A2 pillar</p> <p>724 B pillar</p> <p>725 C pillar</p> <p>726 D pillar</p> <p>728 Other pillar (specify): _____</p> <p>729 Left side roof rail</p> <p>730 Left side door surface</p> <p>731 Left side door handle</p> <p>732 Left side mirror fixed housing</p> <p>733 Left side folding mirror</p> <p>734 Left side glazing forward of B pillar</p> <p>735 Left side glazing rearward of B pillar</p> <p>736 Left side back fender or quarter panel</p> <p>737 Rear antenna</p> <p>738 Other left side object (specify): _____</p> <p>739 Unknown left side component</p> <p><b>Right Side Components</b></p> <p>740 Front fender side surface</p> <p>741 Front antenna</p> <p>742 A1 pillar</p> <p>743 A2 pillar</p>	<p>744 B pillar</p> <p>745 C pillar</p> <p>746 D pillar</p> <p>748 Other pillar (specify): _____</p> <p>749 Right side roof rail</p> <p>750 Right side door surface</p> <p>751 Right side door handle</p> <p>752 Right side mirror fixed housing</p> <p>753 Right side folding mirror</p> <p>754 Right side glazing forward of B pillar</p> <p>755 Right side glazing rearward of B pillar</p> <p>756 Rear antenna</p> <p>757 Rear fender or quarter panel</p> <p>758 Other right side object (specify): _____</p> <p>759 Unknown right side component</p> <p><b>Back Components</b></p> <p>760 Rear (back) bumper</p> <p>761 Tailgate</p> <p>762 Hatchback, vertical surface</p> <p>768 Other back component (specify): _____</p> <p>769 Unknown back component</p> <p><b>Top Components</b></p> <p>770 Hood surface</p> <p>771 Hood surface reinforced by under hood component</p> <p>772 Front fender top surface</p> <p>773 Cowl area</p> <p>774 Wiper blade &amp; mountings</p> <p>775 Windshield glazing</p> <p>776 Front header</p> <p>777 Roof surface</p> <p>778 Backlight glazing</p> <p>779 Rear header</p> <p>780 Hatchback</p> <p>781 Rear trunk lid</p> <p>788 Other top component (specify): _____</p> <p>789 Unknown top component</p>	<p><b>Wheels / tires</b></p> <p>790 Left front wheel / tire</p> <p>791 Right front wheel / tire</p> <p>792 Left rear wheel / tire</p> <p>793 Right rear wheel /tire</p> <p>798 Other wheel / tire (specify): _____</p> <p>799 Unknown wheel / tire</p> <p><b>Undercarriage components</b></p> <p>800 Front crossmember</p> <p>801 Steering assembly/Front suspension</p> <p>802 Oil pan</p> <p>803 Exhaust system pipe</p> <p>804 Transmission</p> <p>805 Drive shaft</p> <p>806 Catalytic converter</p> <p>807 Muffler</p> <p>808 Floor pan</p> <p>809 Fuel tank</p> <p>810 Rear suspension</p> <p>818 Other undercarriage component (specify): _____</p> <p>819 Unknown undercarriage component</p> <p><b>Accessories</b></p> <p>820 Air scoop, deflector</p> <p>821 Cellular or CB radio antenna</p> <p>822 Emergency lights or bar</p> <p>823 Fog lights</p> <p>824 Luggage, ski, or bike rack</p> <p>825 Cargo (specify): _____</p> <p>826 Spare tire</p> <p>827 Spotlight</p> <p>828 Other accessory (specify): _____</p> <p><b>Other Object or Vehicle in Environment</b></p> <p>947 Ground</p> <p>948 Other object (specify): _____</p> <p>949 Unknown object in environment</p> <p>959 Unknown object on contacting vehicle</p> <p>997 Noncontact injury source</p> <p>999 Unknown injury source</p>
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# OFFICIAL INJURY DATA — SKELETAL INJURIES

Restrained?

No

Yes

Blood Alcohol Level (mg/dl)

BAL = 0

Glasgow Coma Scale Score

GCSS = 15

Units of Blood Given

Units =     

Arterial Blood Gases

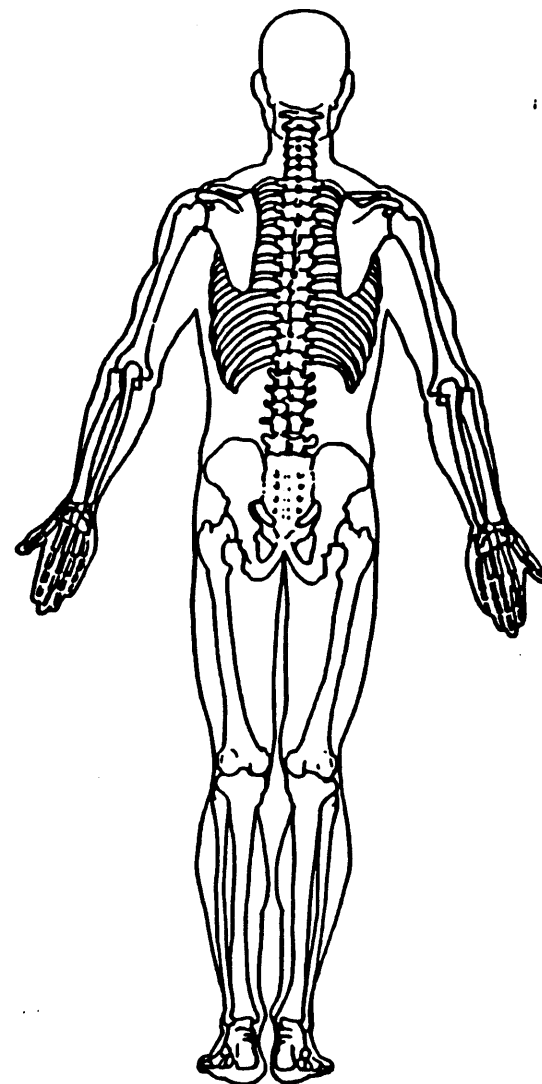
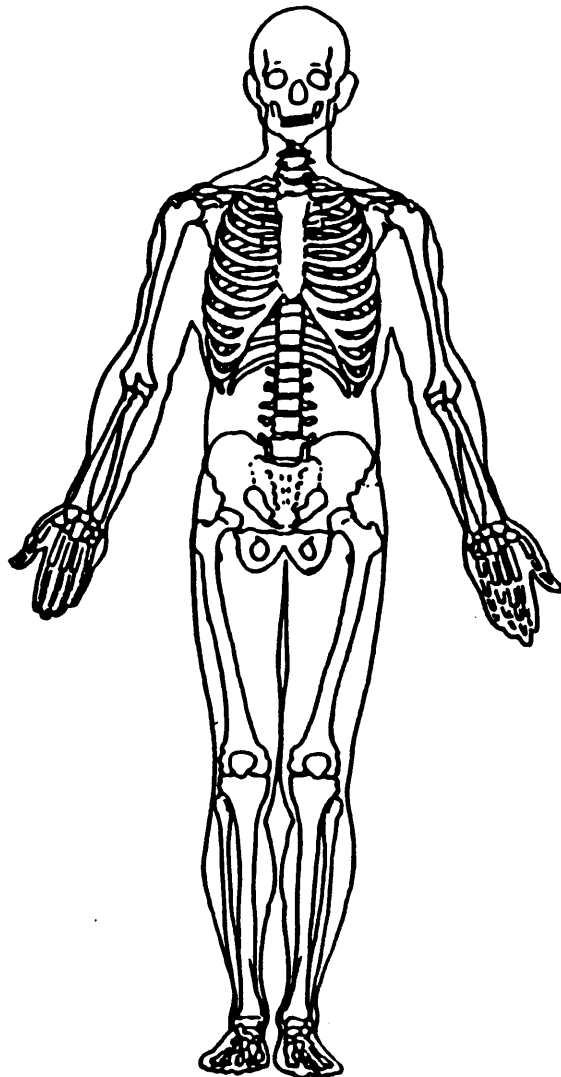
Ph =     

PO<sub>2</sub> =     

PCO<sub>2</sub> =     

HCO<sub>3</sub> =     

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

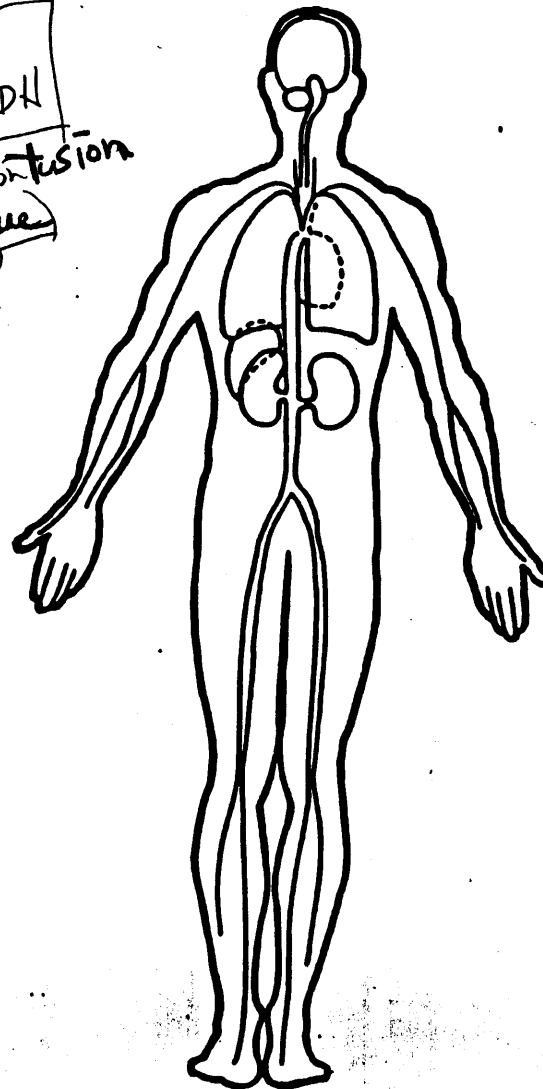
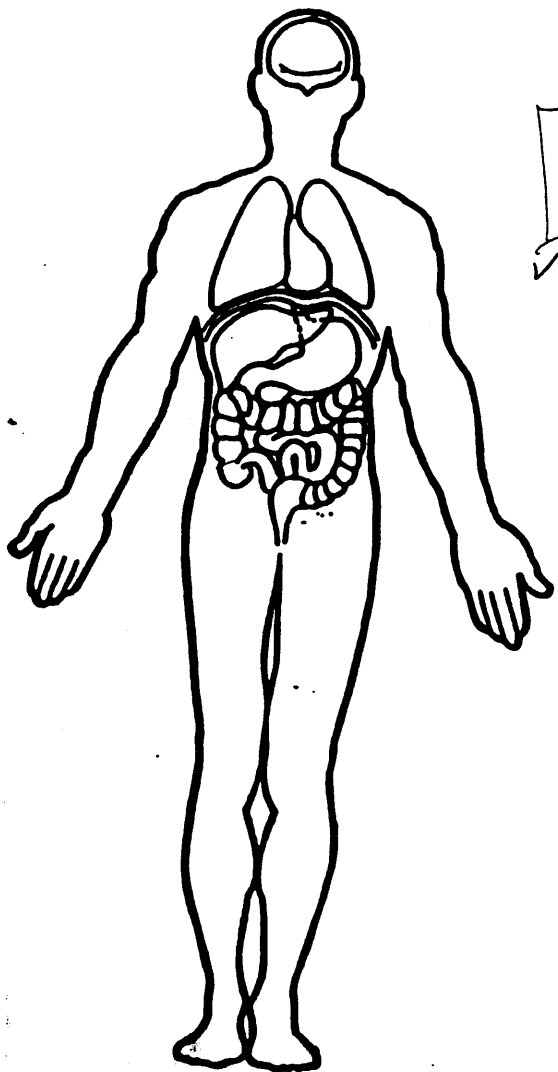


# OFFICIAL INJURY DATA - INTERNAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

✓ CHI unk. LOC

CT Scan  
⊖ SAH, SDH, EDH  
✓ ⊕ parietal contusion  
(soft tissue)  
ground





1. Primary Sampling Unit Number 82  
 2. Case Number - Stratum 6 18 P  
 3. Vehicle Number 0 1

**VEHICLE IDENTIFICATION**

4. Vehicle Model Year 95  
 Code the last two digits of the model year  
 (99) Unknown

5. Vehicle Make (specify): Plymouth 09  
 Applicable codes are found in your  
 NASS PCDS Data Collection, Coding and  
 Editing Manual.  
 (99) Unknown

6. Vehicle Model (specify): 442  
Grand Voyager SE (33L.V6)  
 Applicable codes are found in your  
 NASS PCDS Data Collection, Coding and  
 Editing Manual.  
 (99) Unknown

7. Body Type 20  
 Note: Applicable codes may be found on  
 the back of this page.

8. Vehicle Identification Number  
1P4GH44R2SX [REDACTED]  
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17  
 Left justify; Slash zeros and letter Z (0 and Z)  
 No VIN—Code all zeros  
 Unknown—Code all nines

**OFFICIAL RECORDS**

9. Police Reported Travel Speed 999  
 Code to the nearest kmph (NOTE: 000 means  
 less than 0.5 kmph)  
 (160)159.5 kmph and above  
 (999)Unknown  
 \_\_\_ mph X 1.6093 = \_\_\_ kmph

10. Speed Limit 048  
 (000) No statutory limit  
 Code posted or statutory speed limit  
 in kmph  
 (999) Unknown  
30 mph X 1.6093 = \_\_\_ kmph

11. Police Reported Alcohol Presence For Driver 0  
 (0) No alcohol present  
 (1) Yes alcohol present  
 (7) Not reported  
 (8) No driver present  
 (9) Unknown

12. Alcohol Test Result For Driver 96  
 Code actual value (decimal implied  
 before first digit—0.xx)  
 (95) Test refused  
 (96) None given  
 (97) AC (Alcohol Content) test  
 performed, results unknown  
 (98) No driver present  
 (99) Unknown  
 Source: PAR

13. Police Reported Other Drug Presence  
 For Driver 0  
 (0) No other drug(s) present  
 (1) Yes other drug(s) present  
 (7) Not reported  
 (8) No driver present  
 (9) Unknown

14. Other Drug Specimen Test Result  
 For Driver 0  
 (0) No specimen test given  
 (1) Drug not found in specimen  
 (2) Drug found in specimen  
 (specify): \_\_\_\_\_  
 (3) Specimen test given, results  
 unknown or not obtained  
 (8) No driver present  
 (9) Unknown

# CODES FOR BODY TYPE

## CDS APPLICABLE VEHICLES

### Automobiles

- (01) Convertible (excludes sun-roof, t-bar)
- (02) 2-door sedan, hardtop, coupe
- (03) 3-door/2-door hatchback
- (04) 4-door sedan, hardtop
- (05) 5-door/4-door hatchback
- (06) Station wagon (excluding van and truck based)
- (07) Hatchback, number of doors unknown
- (08) Other automobile type (specify): \_\_\_\_\_
- (09) Unknown automobile type

### Automobile Derivatives

- (10) Auto based pickup (includes El Camino, Caballero, Rancho, Brat, and Rabbit pickup)
- (11) Auto based panel (cargo station wagon, auto based ambulance/hearse)
- (12) Large limousine - more than four side doors or stretched chassis
- (13) Three-wheel automobile or automobile derivative

### Utility Vehicles ( $\leq 4,500$ kgs GVWR)

- (14) Compact utility (Jeep CJ-2 - CJ-7, Scrambler, Golden Eagle, Renegade, Laredo, Wrangler, Cherokee [84 and after], Dispatcher, Raider, Bronco II, Bronco [76 and before], Explorer, S-10 Blazer, Geo Tracker, Bravada, S-15 Jimmy, Thing, Pathfinder, Trooper, Trooper II, Rodeo, Amigo, Navajo, 4-Runner, Montero, Samurai, Sidekick, Rocky)
- (15) Large utility (includes Jeep Cherokee [83 and before], Ramcharger, Trailduster, Bronco-fullsize [78 and after], fullsize Blazer, fullsize Jimmy, Landcruiser, Rover, Scout)
- (16) Utility station wagon (Chevy Suburban, GMC Suburban, Travelall, Grand Wagoneer, includes suburban limousine)
- (19) Utility, unknown body type

### Van Based Light Trucks ( $\leq 4,500$ kgs GVWR)

- (20) Minivan (Chrysler Town and Country, Caravan, Grand Caravan, Voyager, Grand Voyager, Mini-Ram, Dodge/Plymouth Vista, Aerostar, Villager, Lumina APV, Trans Sport, Silhouette, Astro, Safari, Toyota Van, Toyota Minivan, Previa, Nissan Minivan, Quest, Mitsubishi Minivan, Vanagon/Camper.)
- (21) Large van (B150-B350, Sportsman, Royal, Maxiwagon, Ram, Tradesman, Voyager [83 and before], E150-E350, Econoline, Clubwagon, Chateau, G10-G30, Chevy Van, Beauville, Sport Van, G15-G35, Rally Van, Vandura.)
- (22) Step van or walk-in van ( $\leq 4,500$  kgs GVWR)
- (23) Van based motorhome ( $\leq 4,500$  kgs GVWR)
- (24) Van based school bus ( $\leq 4,500$  kgs GVWR)
- (25) Van based other bus ( $\leq 4,500$  kgs GVWR)
- (28) Other van type (Hi-Cube Van, Kary) (specify): \_\_\_\_\_
- (29) Unknown van type

### Light Conventional Trucks (Pickup style cab, $\leq 4,500$ kgs GVWR)

- (30) Compact pickup (D50, Colt P/U, Ram 50, Dakota, Arrow Pickup [foreign], Ranger, Courier, S-10, T-10, LUV, S-15, T-15, Sonoma, Datsun/Nissan Pickup, P'up, Mazda Pickup, Toyota Pickup, Mitsubishi Pickup)
- (31) Large Pickup (Jeep Pickup, Comanche, Ram Pickup, D100-D350, W100-W350, F100-F350, C10-C35, K10-K35, R10-R35, V10-V35, Silverado, Sierra, R100-R500,)

- (32) Pickup with slide-in camper
- (33) Convertible pickup
- (39) Unknown pickup style light conventional truck type

### Other Light Trucks ( $\leq 4,500$ kgs GVWR)

- (40) Cab chassis based (includes rescue vehicles, light stake, dump, and tow truck)
- (41) Truck based panel
- (42) Light truck based motorhome (chassis mounted)
- (46) Other light conventional truck type
- (48) Unknown light truck type
- (49) Unknown light vehicle type (automobile, utility, van, or light truck)

## OTHER VEHICLES

### Buses (Excludes Van Based)

- (50) School bus (designed to carry students, not cross country or transit)
- (58) Other bus type (e.g., transit, intercity, bus based motorhome) (specify): \_\_\_\_\_
- (59) Unknown bus type

### Medium/Heavy Trucks ( $> 4,500$ kgs GVWR)

- (60) Step van ( $> 4,500$  kgs GVWR)
- (61) Single unit straight truck ( $4,500$  kgs  $<$  GVWR  $\leq 8,850$  kgs)
- (62) Single unit straight truck ( $8,850$  kgs  $<$  GVWR  $\leq 12,000$  kgs)
- (63) Single unit straight truck ( $> 12,000$  kgs GVWR)
- (64) Single unit straight truck, GVWR unknown
- (65) Medium/heavy truck based motorhome
- (67) Truck-tractor with no cargo trailer
- (68) Truck-tractor pulling one trailer
- (69) Truck-tractor pulling two or more trailers
- (70) Truck-tractor (unknown if pulling trailer)
- (78) Unknown medium/heavy truck type
- (79) Unknown truck type (light/medium/heavy)

### Motored Cycles (Does Not Include All-Terrain Vehicles/Cycles)

- (80) Motorcycle
- (81) Moped (motorized bicycle)
- (82) Three-wheel motorcycle or moped
- (88) Other motored cycle (minibike, motorscooter) (specify): \_\_\_\_\_
- (89) Unknown motored cycle type

### Other Vehicles

- (90) ATV (All-Terrain Vehicle) and ATC (All-Terrain Cycle)
- (91) Snowmobile
- (92) Farm equipment other than trucks
- (93) Construction equipment other than trucks
- (97) Other vehicle type
- (99) Unknown body type

**VEHICLE WEIGHT ITEMS**

**RECONSTRUCTION DATA**

15. Vehicle Curb Weight 1,570  
 \_\_\_\_\_ Code weight to nearest 10 kilograms.  
 (045) Less than 450 kilograms  
 (610) 6,100 kilograms or more  
 (999) Unknown  
3,464 lbs X .4536 = 1,571 kgs

Source: 95 [redacted] (+100/6)

18. Impact Speed ⊕ 041  
 \_\_\_\_\_ Nearest kmph

(NOTE: 000 means greater than .5 kmph)  
 (160) 159.5 kmph and above  
 (999) Unknown

19. Accuracy Range of Impact Speed Estimate 2  
 (0) No reconstruction  
 (1) Less than 2 kmph  
 (2) ≥ 2 kmph and ≤ 8 kmph  
 (3) ≥ 9 kmph and ≤ 16 kmph  
 (4) ≥ 17 kmph and ≤ 26 kmph  
 (9) Unknown

20. Data Source of Impact Speed 1  
 (0) No impact speed calculated  
 (1) Zone center calculation  
 (2) Police calculation  
 (3) Driver/witness/police estimates

16. Vehicle Cargo Weight 0.000  
 \_\_\_\_\_ Code weight to nearest 10 kilograms.  
 (000) Less than 5 kilograms  
 (450) 4,500 kilograms or more  
 (999) Unknown  
 \_\_\_\_\_ lbs X .4536 = \_\_\_\_\_ kgs

**PRECRASH DATA**

**OTHER DATA**

21. Driver's Attention to Driving 1  
 (Prior to Recognition of Critical Event)  
 (1) Full attention to driving  
 (2) Distracted by other occupant  
 (3) Distracted by moving object in vehicle  
 (4) Distracted by outside person, object, or event  
 (5) Talking on cellular phone or CB radio (specify): \_\_\_\_\_  
 (6) Sleeping or dozing while driving  
 (8) Other (specify): \_\_\_\_\_  
 (9) Unknown

22. Pre-Event Vehicle Movement 0/1  
 (Prior to Recognition of Critical Event)  
 (01) Going straight  
 (02) Slowing or stopping in traffic lane  
 (03) Starting in traffic lane  
 (04) Stopped in traffic lane  
 (05) Passing or overtaking another vehicle  
 (06) Disabled or parked in travel lane  
 (07) Leaving a parking position  
 (08) Entering a parking position  
 (09) Turning right  
 (10) Turning left  
 (11) Making a U-turn  
 (12) Backing up (other than for parking position)  
 (13) Negotiating a curve  
 (14) Changing lanes  
 (15) Merging  
 (16) Successful avoidance maneuver to a previous critical event  
 (97) Other (specify): \_\_\_\_\_  
 (98) No driver present  
 (99) Unknown

17. Vehicle Special Use (This Trip) 0  
 (0) No special use  
 (1) Taxi  
 (2) Vehicle used as school bus  
 (3) Vehicle used as other bus  
 (4) Military  
 (5) Police  
 (6) Ambulance  
 (7) Fire truck or car  
 (8) Other (specify): \_\_\_\_\_  
 (9) Unknown

**STOP - VARIABLES 18 THROUGH 20 ARE COMPLETED BY THE ZONE CENTER**

## 23. Critical Precrash Event

*This Vehicle Loss of Control Due To:*

- (01) Blow out or flat tire
- (02) Stalled engine
- (03) Disabling vehicle failure (e.g., wheel fell off) (specify): \_\_\_\_\_
- (04) Non-disabling vehicle problem (e.g., hood flew up) (specify): \_\_\_\_\_
- (05) Poor road conditions (puddle, pot hole, ice, etc.) (specify): \_\_\_\_\_
- (06) Traveling too fast for conditions
- (08) Other cause of control loss (specify): \_\_\_\_\_

- (09) Unknown cause of control loss

*This Vehicle Traveling*

- (10) Over the lane line on left side of travel lane
- (11) Over the lane line on right side of travel lane
- (12) Off the edge of the road on the left side
- (13) Off the edge of the road on the right side
- (14) End departure
- (15) Turning left at intersection
- (16) Turning right at intersection
- (17) Crossing over (passing through) intersection
- (19) Unknown travel direction

*Other Motor Vehicle In Lane*

- (50) Stopped
- (51) Traveling in same direction with lower speed (i.e., lower steady speed or decelerating)
- (52) Traveling in same direction with higher speed
- (53) Traveling in opposite direction
- (54) In crossover
- (55) Backing
- (59) Unknown travel direction of other motor vehicle in lane

*Other Motor Vehicle Encroaching Into Lane*

- (60) From adjacent lane (same direction)—over left lane line
- (61) From adjacent lane (same direction)—over right lane line
- (62) From opposite direction—over left lane line
- (63) From opposite direction—over right lane line
- (64) From parking lane
- (65) From crossing street, turning into same direction
- (66) From crossing street, across path
- (67) From crossing street, turning into opposite direction
- (68) From crossing street, intended path not known
- (70) From driveway, turning into same direction
- (71) From driveway, across path
- (72) From driveway, turning into opposite direction
- (73) From driveway, intended path not known
- (74) From entrance to limited access highway
- (78) Encroachment by other vehicle—details unknown

*Pedestrian or Pedalcyclist, or Other Nonmotorist*

- (80) Pedestrian in roadway
- (81) Pedestrian approaching roadway
- (82) Pedestrian—unknown location

- (83) Pedalcyclist or other nonmotorist in roadway (specify): \_\_\_\_\_
- (84) Pedalcyclist or other nonmotorist approaching roadway (specify): \_\_\_\_\_
- (85) Pedalcyclist or other nonmotorist—unknown location (specify): \_\_\_\_\_

*Object or Animal*

- (87) Animal in roadway
- (88) Animal approaching roadway
- (89) Animal—unknown location
- (90) Object in roadway
- (91) Object approaching roadway
- (92) Object—unknown location
- (98) Other critical precrash event (specify): \_\_\_\_\_

- (99) Unknown

## 24. Attempted Avoidance Maneuver

- (00) No driver present
- (01) No avoidance actions
- (02) Braking (no lockup)
- (03) Braking (lockup)
- (04) Braking (lockup unknown)
- (05) Releasing brakes
- (06) Steering left
- (07) Steering right
- (08) Braking and steering left
- (09) Braking and steering right
- (10) Accelerating
- (11) Accelerating and steering left
- (12) Accelerating and steering right
- (98) Other action (specify): \_\_\_\_\_
- (99) Unknown

## 25. Precrash Stability After Avoidance Maneuver

- (0) No driver present
- (1) No avoidance maneuver
- (2) Tracking
- (3) Skidding longitudinally—rotation less than 30 degrees
- (4) Skidding laterally—clockwise rotation
- (5) Skidding laterally—counterclockwise rotation
- (8) Other vehicle loss-of-control (specify): \_\_\_\_\_
- (9) Precrash stability unknown

## 26. Precrash Directional Consequences of Avoidance Maneuver (Corrective Action)

- (0) No driver present
- (1) No avoidance maneuver
- (2) Vehicle stayed in travel lane where avoidance maneuver was initiated
- (3) Vehicle stayed on roadway but left travel lane where avoidance maneuver was initiated
- (4) Vehicle stayed on roadway, not known if left travel lane where avoidance maneuver was initiated
- (5) Vehicle departed roadway
- (6) Avoidance maneuver initiated off roadway
- (9) Directional consequences unknown

## ENVIRONMENTAL DATA

## 27. Relation to Junction

- (0) Non-junction  
(1) Interchange area

*Non-Interchange*

- (2) Intersection  
(3) Intersection-related  
(4) Drive, alley access related  
(5) Other non-interchange (specify):  
  
(6) Unknown type of non-interchange  
(9) Unknown if interchange

## 28. Trafficway Flow

- (1) Not physically divided (two way traffic)  
(2) Divided trafficway - median strip without positive barrier  
(3) Divided trafficway - median strip with positive barrier  
(4) One way trafficway  
(9) Unknown

## 29. Number of Travel Lanes

- (1) One  
(2) Two  
(3) Three  
(4) Four  
(5) Five  
(6) Six  
(7) Seven or more  
(9) Unknown

## 30. Roadway Alignment

- (1) Straight  
(2) Curve right  
(3) Curve left  
(9) Unknown

## 31. Roadway Profile

- (1) Level  
(2) Uphill Grade (> 2%)  
(3) Downhill Grade (> 2%)  
(4) Hillcrest  
(5) Sag  
(9) Unknown

## 32. Roadway Surface Type

- (1) Concrete  
(2) Bituminous (asphalt)  
(3) Brick or Block  
(4) Slag, gravel or stone  
(5) Dirt  
(8) Other (specify):  
  
(9) Unknown

## 33. Roadway Surface Condition

- (1) Dry  
(2) Wet  
(3) Snow and slush  
(4) Ice  
(5) Sand, dirt or oil  
(8) Other (specify):  
(9) Unknown

## 34. Traffic Control Device

- (0) No traffic control(s)  
(1) Trafficway traffic control signal (not RR crossing)

*Regulatory or School Zone Sign (Not RR Crossing)*

- (2) Stop sign  
(3) Yield sign  
(4) School zone sign  
(5) Other sign (specify):  
  
(6) Unknown sign  
(7) Warning sign (not RR crossing)  
(8) Miscellaneous/other controls including RR controls (specify):  
  
(9) Unknown

## 35. Traffic Control Device Functioning

- (0) No traffic control  
(1) Not Functioning  
(2) Functioning  
(9) Unknown

## 36. Light Conditions

- (1) Daylight  
(2) Dark  
(3) Dark, but lighted  
(4) Dawn  
(5) Dusk  
(9) Unknown

## 37. Atmospheric Conditions

- (1) No adverse atmospheric related driving conditions  
(2) Rain  
(3) Sleet  
(4) Snow  
(5) Fog  
(6) Rain and fog  
(7) Sleet and fog  
(8) Other (e.g., smog, smoke, blowing sand or dust, etc.) (specify):  
(9) Unknown



10

1. Primary Sampling Unit Number	<u>82</u>	3. Vehicle Number	<u>0 1</u>
2. Case Number - Stratum	<u>6 18 P</u>		

VEHICLE IDENTIFICATION

VIN 1P4GH44R2SX ~~XXXXXXXXXX~~ Model Year 95

Vehicle Make (specify): Plymouth Vehicle Model (specify): Voyager *Extended Waiver*

PEDESTRIAN FRONT CONTACT WORK SHEET

PEV06 Hood Material	<u>Steel</u>
PEV08 Hood Length	<u>083</u> cm
PEV09 Hood Width-Forward Opening	<u>142</u> cm
PEV10 Hood Width-Midway	<u>143</u> cm
PEV11 Hood Width-Rear Opening	<u>145</u> cm
PEV14 Front Bumper Cover Material	<u>Rubber</u>
PEV15 Front Bumper Reinforcement Material	<u>Steel</u>

VERTICAL MEASUREMENTS

PEV16 Front Bumper-Bottom Height	<u>037</u> cm
PEV17 Front Bumper-Top Height	<u>058</u> cm
PEV18 Forward Hood Opening	<u>085</u> cm
PEV19 Front Bumper Lead	<u>008</u> cm

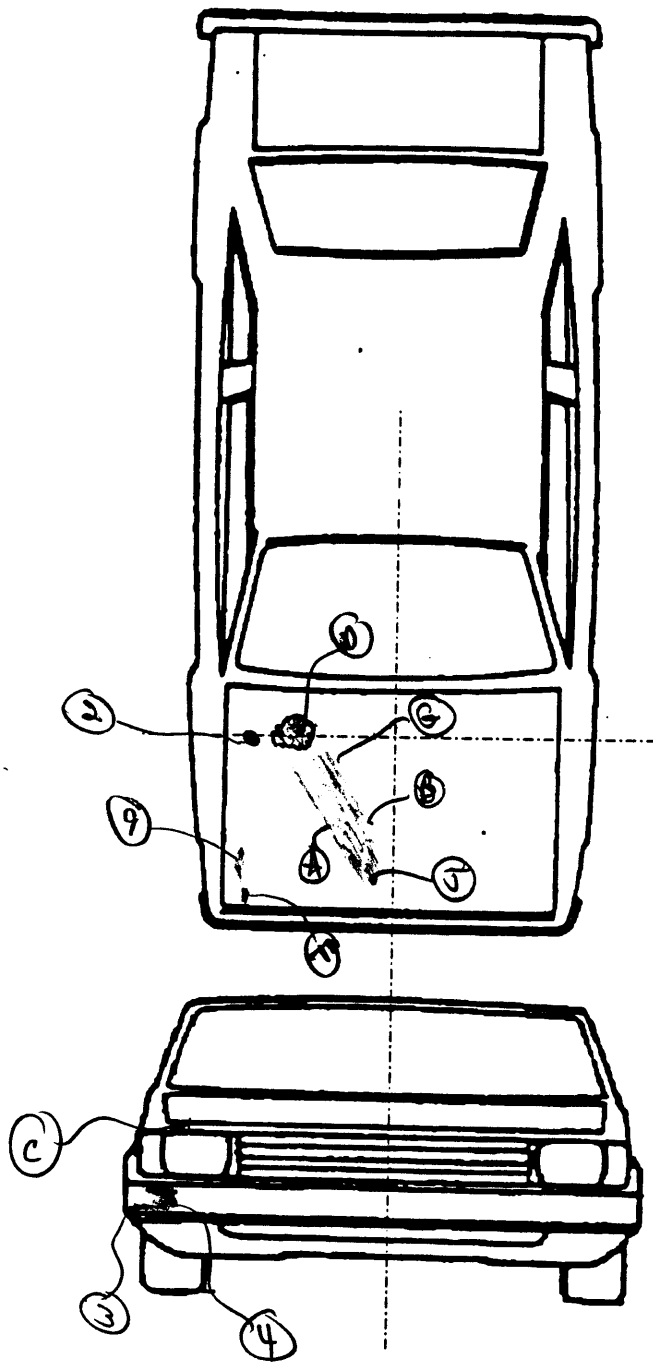
WRAP DISTANCES

PEV20 Ground to Forward Hood Opening	<u>087</u> cm
PEV21 Ground to Front/Top Transition Point	<u>092</u> cm
PEV22 Ground to Rear Hood Opening	<u>173</u> cm
PEV23 Ground to Base of Windshield	<u>188</u> cm
PEV24 Ground to Top of Windshield	<u>260</u> cm
PEV25 Ground to Head Contact	

*No Contact*  
*Neck strain to Neck*  
*and shoulder extends over Back Back on Back*



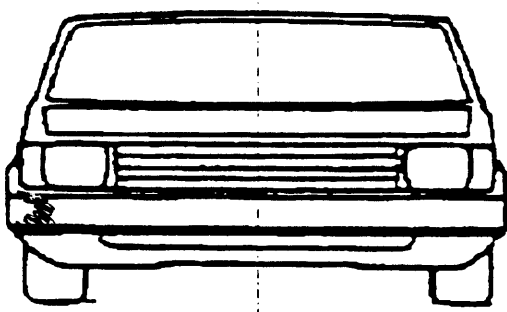
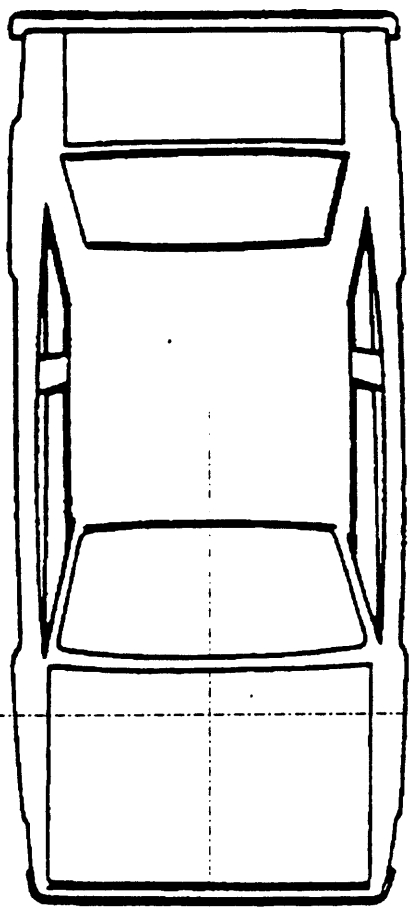
### VEHICLE DAMAGE SKETCH



NOTES: Sketch all pedestrian contacts, include the size and depth in centimeters. Locate the pedestrian contacts from the intercept point of the centerline (lateral) and the front axles (longitudinal) in centimeters. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.).

Location of the origin (intercept point of the centerline and the front axles) from the ground: 160 cm

VEHICLE DAMAGE SKETCH



Angle  
① knee

Head Wrap Contact \_\_\_\_\_

size and depth in centimeters. Locate the pedestrian contacts from the intercept point of the centerline centimeters. Annotate observations which might be useful in reconstructing the accident (e.g., grass in swales, etc.).

centerline and the front axes) from the ground: \_\_\_\_\_ cm

National Accident Sampling System-Crashworthiness Data System: Pedestrian Exterior Vehicle Form

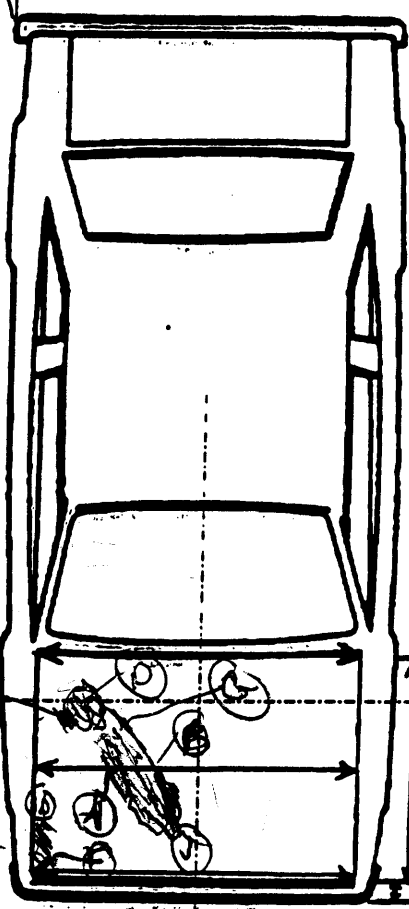
VIN 1P4GH44R2SX

Model Year 95

Vehicle Make (specify): Plymouth

Vehicle Model (specify): Voyager

<del>4103</del>	28
<del>3706</del>	24
C61	62
F47	68
✓ 637	67
20	69
✓ D-4	52
✓ G-8	50



Hood Material  
Hot Steel

Front Bumper Cover Material  
Rubber

Front Bumper Reinforcement Material  
Steel

Hood Widths

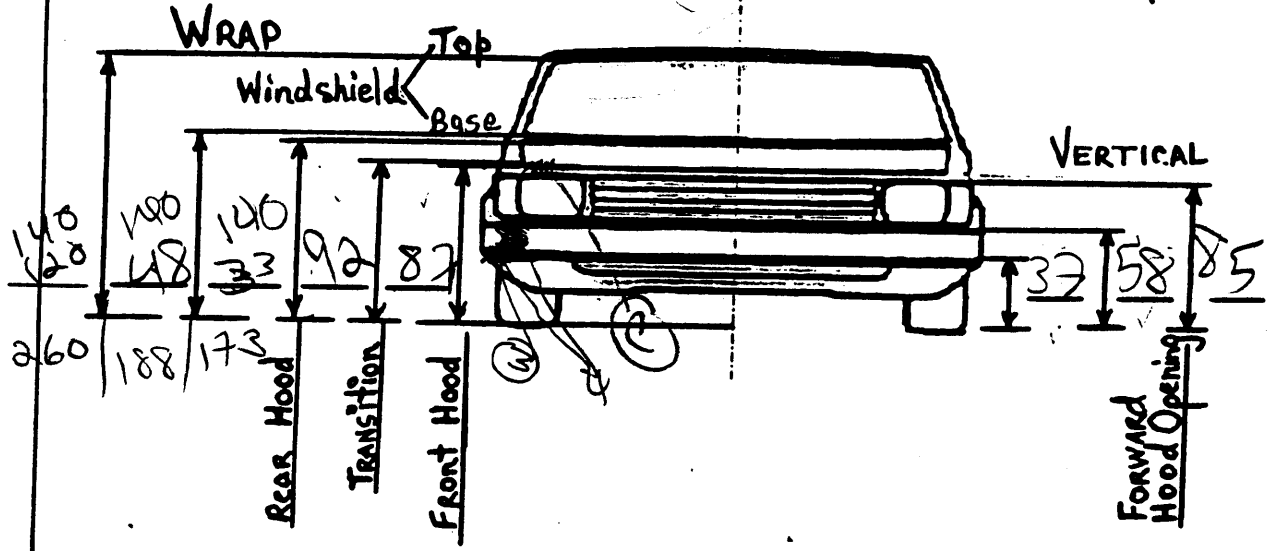
Rear Opening 45

Midway 43

Forward Opening 42

Hood Length 83

Bumper Lead 8



NOTES: Sketch all pedestrian contacts, include the size and depth in centimeters. Locate the pedestrian (lateral) and the front axes (longitudinal) in centimeters. Annotate observations which might be useful, direction of attention, surf on sidewalks, etc.

Location of the origin (intercept point of the centerline and the front axes) from the ground

160

**PEDESTRIAN SIDE CONTACT WORK SHEET**

- PEV06 Hood Material \_\_\_\_\_
- PEV08 Hood Length \_\_\_\_\_ cm
- PEV09 Hood Width-Forward Opening \_\_\_\_\_ cm
- PEV10 Hood Width-Midway \_\_\_\_\_ cm
- PEV11 Hood Width-Rear Opening \_\_\_\_\_ cm

**VERTICAL MEASUREMENTS**

- PEV26 Ground Clearance \_\_\_\_\_ cm
- PEV27 Side Bumper-Bottom Height \_\_\_\_\_ cm
- PEV28 Side Bumper-Top Height \_\_\_\_\_ cm
- PEV29 Centerline of Wheel \_\_\_\_\_ cm
- PEV30 Top of Tire \_\_\_\_\_ cm
- PEV31 Top of Wheel Well Opening \_\_\_\_\_ cm
- PEV32 Bottom of A-Pillar at Windshield \_\_\_\_\_ cm
- PEV33 Top of A-Pillar at Windshield \_\_\_\_\_ cm
- PEV34 Top of Side View Mirror \_\_\_\_\_ cm

**LATERAL MEASUREMENTS**

- PEV35 C<sub>L</sub> to A-Pillar at Bottom of Windshield \_\_\_\_\_ cm
- PEV36 C<sub>L</sub> to A-Pillar at Top of Windshield \_\_\_\_\_ cm
- PEV37 C<sub>L</sub> to Maximum Side View Mirror Protrusion \_\_\_\_\_ cm

**WRAP DISTANCES**

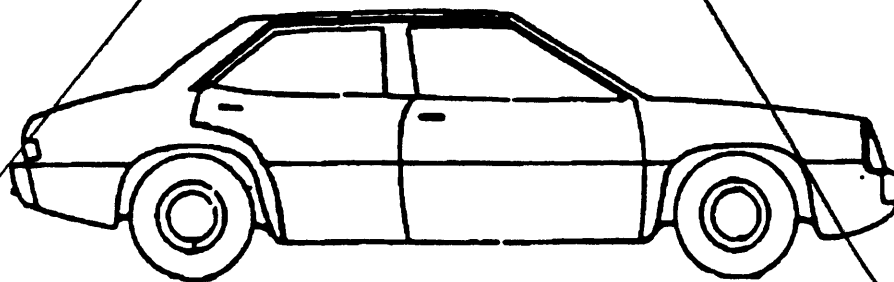
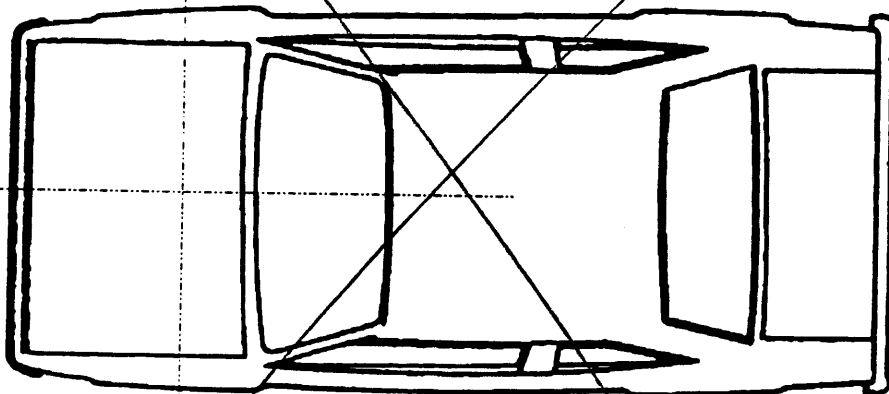
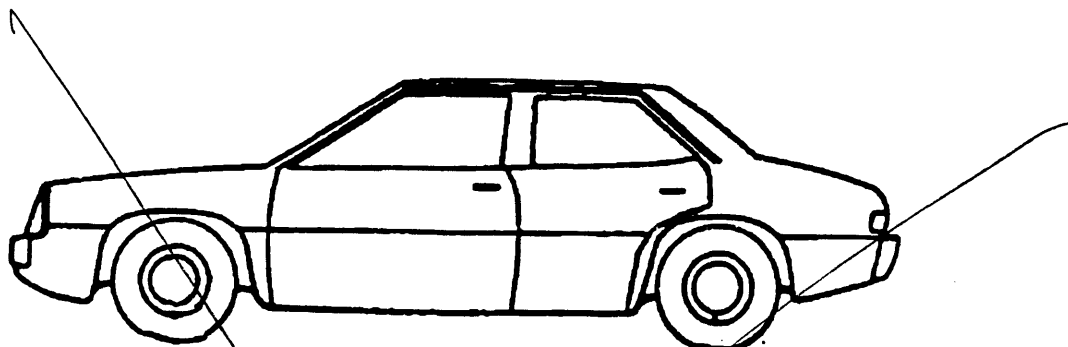
- PEV38 Ground to Side/Top Transition \_\_\_\_\_ cm
- PEV39 Ground to Hood Edge \_\_\_\_\_ cm
- PEV40 Ground to Centerline of Hood (ORIGIN) \_\_\_\_\_ cm
- PEV41 Ground to Head Contact \_\_\_\_\_ cm

# ORIGINAL SPECIFICATIONS

Wheelbase	<u>112.3</u>	inches	x 2.54 =	<u>285</u>	cm
Overall Length	<u>178.1</u>	inches	x 2.54 =	<u>452</u>	cm
Maximum Width	<u>72.0</u>	inches	x 2.54 =	<u>183</u>	cm
Curb Weight	<u>3,464</u>	pounds	x .4536 =	<u>1,571</u>	kg
Average Track	<u>N/A</u>	inches	x 2.54 =	---	cm
Front Overhang	---	inches	x 2.54 =	---	cm
Rear Overhang	---	inches	x 2.54 =	---	cm
Undeformed End Width	---	inches	x 2.54 =	---	cm
Engine Size: cyl./displ.	---	cc	x .001 =	<u>3,200</u>	L
	---	CID	x .0164 =	---	L

3,200
V6

### VEHICLE DAMAGE SKETCH



**NOTES:** Sketch all pedestrian contacts, include the size and depth in centimeters. Locate the pedestrian contacts from the intercept point of the centerline (lateral) and the front axes (longitudinal) in centimeters. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalks, etc.).

Location of the origin (intercept point of the centerline and the front axes) from the ground: \_\_\_\_\_ cm

POINTS OF PEDESTRIAN CONTACT

LIST CONTACTS IN CHRONOLOGICAL ORDER

CONTACT #	COMPONENT CONTACTED CODE	LONGITUDINAL LOCATION (102 00)	LATERAL LOCATION (7)	CRUSH IN CENTIMETERS	SUSPECTED BODY REGION	SUPPORTING PHYSICAL EVIDENCE	CONFIDENCE LEVEL OF CONTACT POINT (Crew)
1 (3)	700	102 00	74	Scuff	Leg	Shaped	1 2 3 9
2 (4)	700	102 00	78	Scuff	Knee	Leg scratches	1 2 3 9
3 (5)	703	61	62	scratches	Hip	Scratched scratches	1 2 3 9
4 (6)	770	47	68	scuffs	Side Hip	scuffed streak	1 2 3 9
5 (6)	770	37	67	scuffs	side hip	scuffed smudge	1 2 3 9
6 (2)	770	0	69	≤ 1	Arm	small dents	1 2 3 9
7 (D)	770	-4	52	1 cm	Back Pack of	Back Dent	1 2 3 9
8 (G)	770	8	50	Large	Back Pack	Scratches	1 2 3 9
9 (B)	777	26	34	Scuff	Streak	Large Back	1 2 3 9
10 (A)	770	33	47	Scuffed	Streak	Large Back	1 2 3 9
11 (J)	770	54	21	oned			1

CODES FOR COMPONENTS CONTACTED

FRONT

- 700 Front bumper
- 701 Front Lower valance/spoiler
- 702 Front grille
- 703 Hood edge and/or trim
- 704 Hood ornament (fixed)
- 705 Hood ornament (spring loaded)
- 706 Headlight
- 707 Retractable headlight door (Open/Closed)
- 708 Turn signal/parking lights
- 718 Other front or add on object (specify): \_\_\_\_\_
- 719 Unknown front object

Left Side Components

- 720 Front fender side surface
- 721 Front antenna
- 722 A1 pillar
- 723 A2 pillar
- 724 B pillar
- 725 C pillar
- 728 D pillar
- 728 Other pillar (specify): \_\_\_\_\_
- 729 Left side roof rail
- 730 Left side door surface
- 731 Door handle
- 732 Left side mirror fixed housing
- 733 Left side folding mirror
- 734 Left side glazing forward of B pillar
- 735 Left side glazing rearward of B pillar
- 738 Left side back fender or quarter panel
- 737 Rear antenna
- 738 Other left side object (specify): \_\_\_\_\_
- 739 Unknown left side component

Right Side Components

- 740 Front fender side surface
- 741 Front antenna
- 742 A1 pillar

- 743 A2 pillar
- 744 B pillar
- 745 C pillar
- 748 D pillar
- 748 Other pillar (specify): \_\_\_\_\_
- 749 Right side roof rail
- 750 Right side door surface
- 751 Door handle
- 752 Right side mirror fixed housing
- 753 Right side folding mirror
- 754 Right side glazing forward of B pillar
- 755 Right side glazing rearward of B pillar
- 758 Rear antenna
- 757 Rear fender or quarter panel
- 758 Other right side object (specify): \_\_\_\_\_
- 759 Unknown right side component

Back Components

- 760 Rear (back) bumper
- 761 Tailgate
- 762 Hatchback, vertical surface
- 768 Other back component (specify): \_\_\_\_\_
- 769 Unknown back component

Top Components

- 770 Hood surface
- 771 Hood surface reinforced by underhood component
- 772 Front fender top surface
- 773 Cowl area
- 774 Wiper blade & mountings
- 775 Windshield glazing
- 778 Front header
- 777 Roof surface
- 778 Backlight glazing
- 779 Rear header
- 780 Hatchback
- 781 Rear trunk lid
- 788 Other top component (specify): \_\_\_\_\_
- 789 Unknown top component

Wheels / tires

- 790 Left front wheel/tire
- 791 Right front wheel/tire
- 792 Left rear wheel/tire
- 793 Right rear wheel/tire
- 798 Other wheel/tire (specify): \_\_\_\_\_
- 799 Unknown wheel/tire

Undercarriage components

- 800 Front crossmember
- 801 Steering assembly/Front suspension
- 802 Oil pan
- 803 Exhaust system pipe
- 804 Transmission
- 805 Drive shaft
- 806 Catalytic converter
- 807 Muffler
- 808 Floor pan
- 809 Fuel tank
- 810 Rear suspension
- 818 Other undercarriage component (specify): \_\_\_\_\_
- 819 Unknown undercarriage component

Accessories

- 820 Air scoop, deflector
- 821 Cellular or CB radio antenna
- 822 Emergency lights or bar
- 823 Fog lights
- 824 Luggage, ski, or bike rack
- 825 Cargo (specify): \_\_\_\_\_
- 828 Spare tire
- 827 Spotlight
- 828 Other accessory (specify): \_\_\_\_\_

Other Object or Vehicle in Environment

- 848 Other object in environment (specify): \_\_\_\_\_
- 849 Unknown object in environment
- 850 Unknown object on contacting vehicle
- 897 Noncontact injury source
- 898 Unknown injury source

Launch Struck

\*G, B, A, J Bound  
Back Pack streak  
of Launch from  
vehicle

**VEHICLE DIMENSIONS**

4. Original Wheelbase 285  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (999) Unknown

112.3 inches X 2.54 = 285 centimeters

5. Original Average Track Width 999  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (185) 185 centimeters or more  
 (999) Unknown

unavailable  
spec inches X 2.54 = \_\_\_\_\_ centimeters

6. Hood Material W  
 (1) Plastic  
 (2) Fiberglass  
 (3) Steel  
 (4) Aluminum  
 (5) Stainless Steel  
 (8) Other (specify): \_\_\_\_\_  
 (9) Unknown

7. Hood Original I  
 Equipment Manufacturer (OEM)  
 (1) OEM factory installed hood  
 (2) OEM replacement  
 (3) Non-OEM replacement  
 (9) Unknown

8. Hood Length 083  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (180) 180 centimeters or more  
 (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeter

9. Hood Width Forward Opening 142  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (210) 210 centimeters or more  
 (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

10. Hood Width Midway 143  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (210) 210 centimeters or more  
 (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

11. Hood Width Rear Opening 145  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (210) 210 centimeters or more  
 (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

12. Hood/Fender Vertical/Lateral Crush From Pedestrian 2  
 (0) Not damaged  
 (1) Surface scratching only, no residual crush  
 (2) Minor crush (1-3 centimeters)  
 (3) Moderate crush (4-7 centimeters)  
 (4) Severe crush (>7 centimeters)  
 (8) Damage present, unknown if damage is from pedestrian impact  
 (9) Unknown

13. Windshield Contact Damage From Pedestrian Contact Q  
 (0) Not contacted by pedestrian  
 (1) Contacted by pedestrian - not damaged  
 (2) Contacted by pedestrian - damaged  
 (3) Unknown if contacted by pedestrian - not damaged  
 (4) Unknown if contacted by pedestrian - damaged  
 (9) Unknown if contacted by pedestrian - unknown if damaged

**FRONT CONTACT DAMAGE**

**Front Vertical Measurements**

14. Front Bumper Cover Material W  
 (0) No front contact  
 (1) Plastic  
 (2) Fiberglass  
 (3) Rubber  
 (4) Other (specify): \_\_\_\_\_  
 (9) Unknown

15. Front Bumper Reinforcement Material I  
 (0) No front contact  
 (1) Steel  
 (2) Aluminum  
 (3) Stainless Steel  
 (4) Other (specify): \_\_\_\_\_  
 (9) Unknown

16. Front Bumper-Bottom Height 037  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (150) 150 centimeters or more  
 (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters



17. Front Bumper-Top Height

- Code to the nearest centimeter
- (000) No front contact
- (150) 150 centimeters or more
- (999) Unknown

058

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

18. Forward Hood Opening

- Code to the nearest centimeter
- (000) No front contact
- (200) 200 centimeters or more
- (999) Unknown

085

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

19. Front Bumper Lead

- (00) No front contact
- Code to the nearest centimeter
- (30) 30 centimeters or more
- (99) Unknown

08

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

23. Ground to Base of Windshield

- Code to the nearest centimeter
- (000) No front contact
- (400) 400 centimeters or more
- (999) Unknown

188

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

24. Ground to Top of Windshield

- Code to the nearest centimeter
- (000) No front contact
- (500) 500 centimeters or more
- (999) Unknown

260

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

25. Ground To Head Contact

- Code to the nearest centimeter
- (000) No front contact
- (400) 400 centimeters or more
- (999) Unknown

~~000~~  
164

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

**Front Wrap Distance Measurements**

20. Ground to Forward Hood Opening

- Code to the nearest centimeter
- (000) No front contact
- (200) 200 centimeters or more
- (999) Unknown

087

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

21. Ground to Front/Top Transition Point

- Code to the nearest centimeter
- (000) No front contact
- (180) 180 centimeters or more
- (999) Unknown

092

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

22. Ground to Rear Hood Opening

- Code to the nearest centimeter
- (000) No front contact
- (400) 400 centimeters or more
- (999) Unknown

173

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

**SIDE CONTACT DAMAGE**

**Side Vertical Measurements**

26. Ground Clearance

- Code to the nearest centimeter
- (000) No side contact
- (150) 150 centimeters or more
- (999) Unknown

000

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

27. Side Bumper-Bottom Height

- Code to the nearest centimeter
- (000) No side contact
- (150) 150 centimeters or more
- (999) Unknown

000

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

28. Side Bumper-Top Height

- Code to the nearest centimeter
- (000) No side contact
- (150) 150 centimeters or more
- (999) Unknown

000

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

29. Centerline of Wheel  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (150) 150 centimeters or more  
 (999) Unknown

000

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

30. Top of Tire  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (200) 200 centimeters or more  
 (999) Unknown

000

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

31. Top of Wheel Well Opening  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (250) 250 centimeters or more  
 (999) Unknown

000

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

32. Bottom of A-Pillar at Windshield  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (250) 250 centimeters or more  
 (999) Unknown

000

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

33. Top of A-Pillar at Windshield  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (300) 300 centimeters or more  
 (999) Unknown

000

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

34. Top of Side View Mirror  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (300) 300 centimeters or more  
 (999) Unknown

000

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

Side Lateral Measurements

35. Centerline to A-Pillar  
 at Bottom of Windshield  
 (000) No side contact  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (250) 250 centimeters or more  
 (999) Unknown

000

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

36. Centerline to A-Pillar  
 at Top of Windshield  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (250) 250 centimeters or more  
 (999) Unknown

000

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeter

37. Centerline to Maximum Side  
 View Mirror Protrusion  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (300) 300 centimeters or more  
 (999) Unknown

000

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeter

Side Wrap Distance Measurements

38. Ground to Side/Top Transition  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (400) 400 centimeters or more  
 (999) Unknown

000

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

39. Ground to Hood Edge  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (500) 500 centimeters or more  
 (999) Unknown

000

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

40. Ground to Centerline of Hood (Origin)

000

Code to the nearest centimeter

- (000) No side contact
- (700) 700 centimeters or more
- (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

41. Ground to Head Contact

000

Code to the nearest centimeter

- (000) No side contact
- (800) 800 centimeters or more
- (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters



**PEDESTRIAN INTERVIEW FORM**

7

1. Primary Sampling Unit Number	<u>82</u>	Interviewee(s) Role or Name(s): <u>Pedestrian</u>
2. Case Number - Stratum	<u>6 18 P</u>	
3. Pedestrian Number	<u>0 1</u>	

Review all available information and interview questions prior to conducting interview(s) to ensure the acquisition of all pertinent data.

If the pedestrian was not the person interviewed, was an appointment made for a follow-up interview?

**PEDESTRIAN'S DESCRIPTION OF ACCIDENT EVENTS**

I just got off bus and went around front of bus and states she looked for traffic but probably not northbound way. She began to run across street, straight but a little angled to north and was hit by V1 and thrown to left and landed on ground.  
 - also slid on ground a little.  
 - small road was in other traffic lanes.

**WITNESS DESCRIPTION OF ACCIDENT EVENTS**

PSU NUMBER  
CASE NUMBER  
YEAR

82  
618 P  
1995

# PEDESTRIAN INTERVIEW FORM

*THE FOLLOWING DATA IS NOT INCLUDED IN THIS CASE:*

ENTIRE FORM

PAGE NUMBER (S) 2

1. Primary Sampling Unit Number

82

3. Pedestrian Number

0 1

2. Case Number - Stratum

6 1 8 P

PEDESTRIAN PRE-CRASH DATA QUESTIONS

1. Did the driver of the vehicle which hit you lose control of the vehicle and collide with you before regaining control?

- [X] No
[ ] Yes, explain:

2. Did the driver take any avoidance actions prior to the collision (with you)?

- [ ] No - Go to question 3
[X] Yes- Go to question 2a.

2a. What actions did the driver take?

- [ ] Braking with lock-up
[X] Braking without lock-up
[ ] Releasing brakes
[ ] Accelerating
[X] Steering left
[ ] Steering right
[ ] Other (specify):

2b. Did the vehicle skid sideways?

- [X] No
[ ] Yes- which way
[ ] Clockwise
[ ] Counter clockwise
How much rotation
[ ] Less than 30°
[ ] 30° or more

3. Before the collision, was the driver attentive to the driving task or was the driver distracted by:

- [ ] Another person in the vehicle
[ ] A moving object in the vehicle
[ ] Something outside the vehicle (specify):
[ ] Cellular phone or CB, specify:
[ ] Sleeping or dozing
[ ] Other (specify):
[ ] Not distracted

4. Can you estimate the speed of the vehicle at the time of the collision?

- [ ] Stopped [ ] 1-10 [ ] 10-20
[ ] 20-30 [ ] 30-40 [ ] 40-50
[ ] 50-50 [ ] 60-70 [ ] 70 +

5. Just prior to the impact, were you:

- [X] Standing/Walking/Running
[ ] Crouching
[ ] Kneeling
[ ] Bending at the waist
[ ] Other (specify):

6. Just before the impact, were you:

- [ ] Stopped
[ ] Walking
[ ] Walking Rapidly
[X] Running or Jogging
[ ] Hopping
[ ] Skipping
[ ] Jumping
[ ] Falling or Rising
[ ] Other (specify):

7. Just before the impact, were you:

- [X] Crossing road, straight
[ ] Crossing road, diagonally
[ ] Moving in road, with traffic
[ ] Moving in road, against traffic
[ ] Off road, approaching road
[ ] Off road, going away from road
[ ] Off road, moving parallel
[ ] Off road, crossing driveway
[ ] Off road, moving along driveway
[ ] Other (specify):

8. Before trying to avoid being struck by the vehicle, was your chest:

- [ ] Facing vehicle
[ ] Facing away
[X] Left side to vehicle
[ ] Right side to vehicle
[ ] Other (specify):

9. Did you do anything to avoid being hit, like:

- [ ] Stopping
[ ] Accelerating pace
[ ] Running away (along vehicle path)
[ ] Jumping
[ ] Turning toward the vehicle
[ ] Turning away from the vehicle
[ ] Diving or Falling away

Using hands to:

- [ ] Vault corner of vehicle
[ ] Vault onto vehicle
[ ] Brace against vehicle
[ ] Crouch and brace hands against vehicle
[ ] Combination of above (specify):

[ ] Other (specify):

[X] No

10. What portion of the vehicle first struck you?

- [X] The front
[ ] Corner, or
[ ] Side

possibly angled a little

umh

Foot?

1. Primary Sampling Unit Number

82

3. Pedestrian Number

0 1

2. Case Number - Stratum

6 18 P

PEDESTRIAN CRASH DATA QUESTIONS

PEDESTRIAN CHARACTERISTICS

11. When struck by the vehicle, was your chest:

- Facing vehicle
- Facing away
- Left side to vehicle
- Right side to vehicle
- Other (specify): \_\_\_\_\_

12. Which way was your head facing (relative to your chest) at impact?

- To front
- To left
- To right
- Up
- Down
- Other (specify): \_\_\_\_\_

13. Where were your arms at impact? Would you say:

- At sides
- Folded across chest
- Hands clasped behind back
- Hands on hips
- Hands in pockets

One or both arms:

- Extended upward
- Extended to side
- Extended forward, bracing
- Extended forward or backward holding or pulling object.
- Holding object in arms
- Holding object on shoulder or head
- Other (specify): \_\_\_\_\_

Back Pack Books

14. Where were your legs at impact? Were they:

- Together
- Apart, laterally
- Apart, left leg forward
- Apart, right leg forward
- Apart, forward leg unknown
- Left foot off the ground
- Right foot off the ground
- Both feet off the ground
- Other (specify): \_\_\_\_\_

Foot Planted down

15. What happened to you after being hit by the vehicle?

Fell to Right and skid on ground a little

16. Height, Weight, Age, and Sex?

Height 5' 1 Weight 110 Age 29

Sex:  Male  Female

17. What kind of shoes were you wearing?

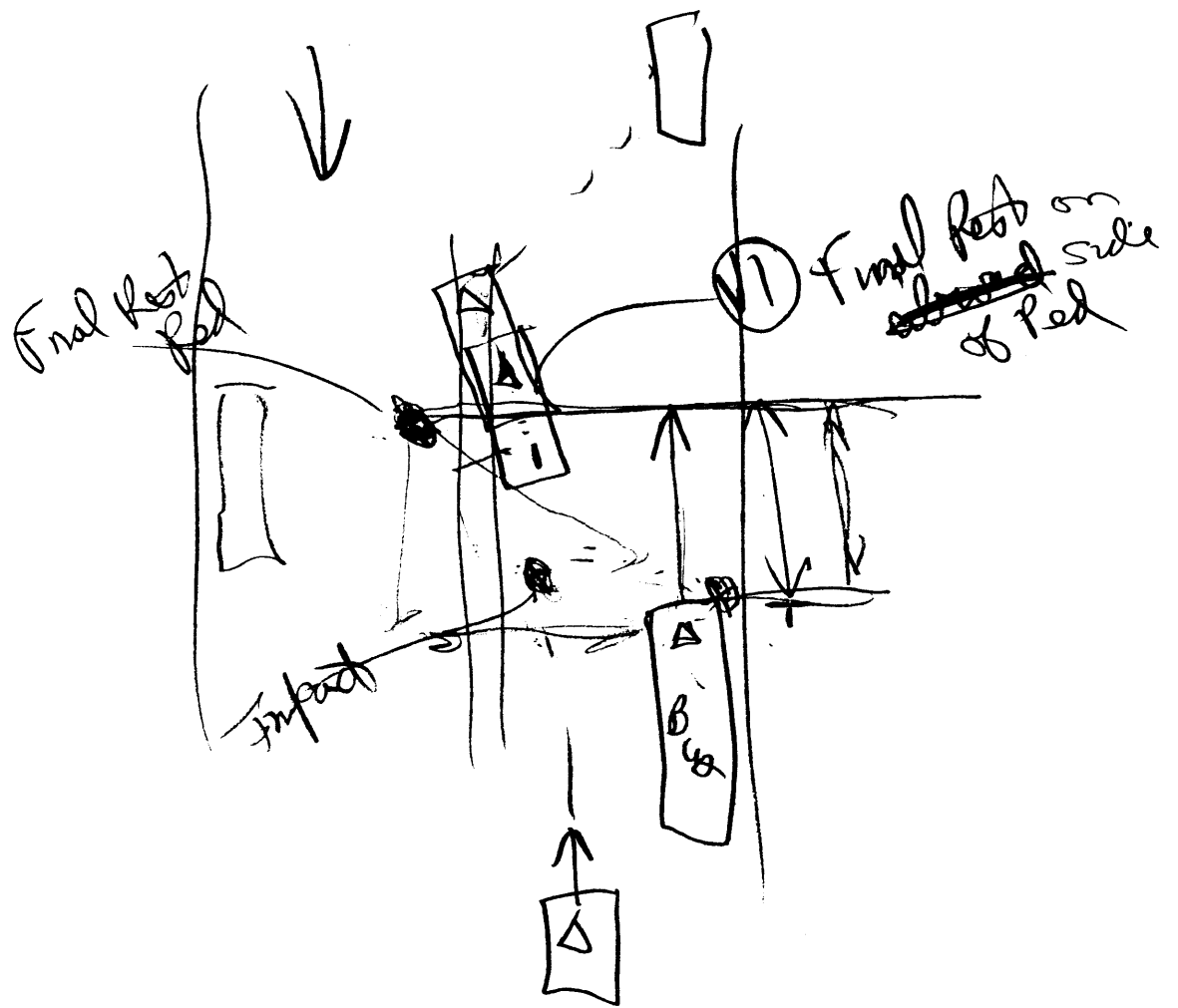
leather Slipper / (L) shoe came off

18. Could you tell me your following measurements without shoes?

43 Ground to center of knee cap  
86 Ground to top of hip bone  
133 Ground to top of shoulder

Go to Pedestrian Injury Data questions







1. Primary Sampling Unit Number

82

3. Pedestrian Number

01

2. Case Number - Stratum

6 18 P

## PEDESTRIAN INJURY DATA

1. Were you injured?

 No - Go to question 8 Yes

2. Did you receive any cuts, abrasions, or bruises?

 No - Go to question 3 Yes - Record exact locations, sizes, and descriptions on the manikin(s), and then go to question 2a.

2a. Do you know what caused these injuries?

 No - Go to question 3 Yes - Specify injury sources, striking profile, type of damage, and damage depth on the manikin(s).

3. Did you experience any broken bones?

 No - Go to question 4 Yes - Record the exact locations, and type of fractures on the manikin(s), and then go to question 3a.

3a. Do you know what caused the injury(s)?

 No - Go to question 4 Yes - Specify injury sources, striking profile, type of damage, and damage depth on the manikin(s).

4. Did you injure your head?

 No - Go to question 5 Yes - Record the type of injury(s) on the manikins, and then go to question 4a.

4a. Do you know what caused the injury?

 No Yes - specify the injury sources, striking profile, type of damage, and damage depth on the manikin(s).

5. Were any of your internal organs injured?

 No - Go to question 6 Yes - Thoroughly describe the type of injury(s) and specify the internal organs(s) injured on the manikin(s), and then go to question 5a.

5a. Do you know what caused the injury(s)?

 No Yes - specify injury sources, striking profile, type of damage, and damage depth on the manikin(s).

6. Did you receive any joint sprains or muscle strains?

 No - Go to question 7 Yes - specify injury(s) on manikin(s), and then go to question 6a.

6a. Do you know what caused the injuries?

 No Yes - specify injury sources, striking profile, type of damage, and damage depth on the manikin(s).

7. Did you receive any treatment?

 No (If "No", go to question 8) Yes (If "Yes", go to question 7a or return to question 2.)

7a. Were you treated by (check all that apply):

 Hospital/trauma center? (specify hospital name): Medical clinic Out patient surgery? (specify medical facility:) Paramedics or first aid at the scene? A doctor in his/her office? Treated at home? None of the above, go to question 8.

7b. Were you treated and released from the emergency room?

 No (If "No", go to question 7c.) Yes (If "Yes", go to question 7e.)

7c. Were you hospitalized?

 No (If "No", give an explanation) Yes (If "Yes", go to question 7d.)

7d. How many days were you in the hospital?

0 days

7e. Have you received any follow-up treatment?

 No Yes (If "Yes", describe:) Unknown

7f. In order to achieve the best possible scientific data regarding your injury(s), we need to obtain a copy of your medical reports. Would you sign a medical release form?

 No Yes (If "Yes", mail or present the form for signature.)

8. Have you lost any days from work or school (college)?

 No Yes (If "Yes", determine the number of days lost) (Specify: 5) Not working prior to the accident Unknown





# DRIVER INTERVIEW FORM

8

1. Primary Sampling Unit Number	82	Interviewee(s) Role or Name(s): <u>Driver</u>
2. Case Number - Stratum	6 18 P	
3. Vehicle Number	0 1	

Review all available information and interview questions prior to conducting interview(s) to ensure the acquisition of all pertinent data.

If the driver was not the person interviewed, was an appointment made for a follow-up interview?

## DRIVER'S DESCRIPTION OF ACCIDENT EVENTS

I was northbound and proceeded past the bus which was stopped at side and when I came by bus I saw her and running from the front of bus and as I swerved left and braked I was like I followed right ~~with~~ and impacted her, I believe I just knocked her down but I closed my eyes and never saw impact and I started shaking and never went over to see ped at all.

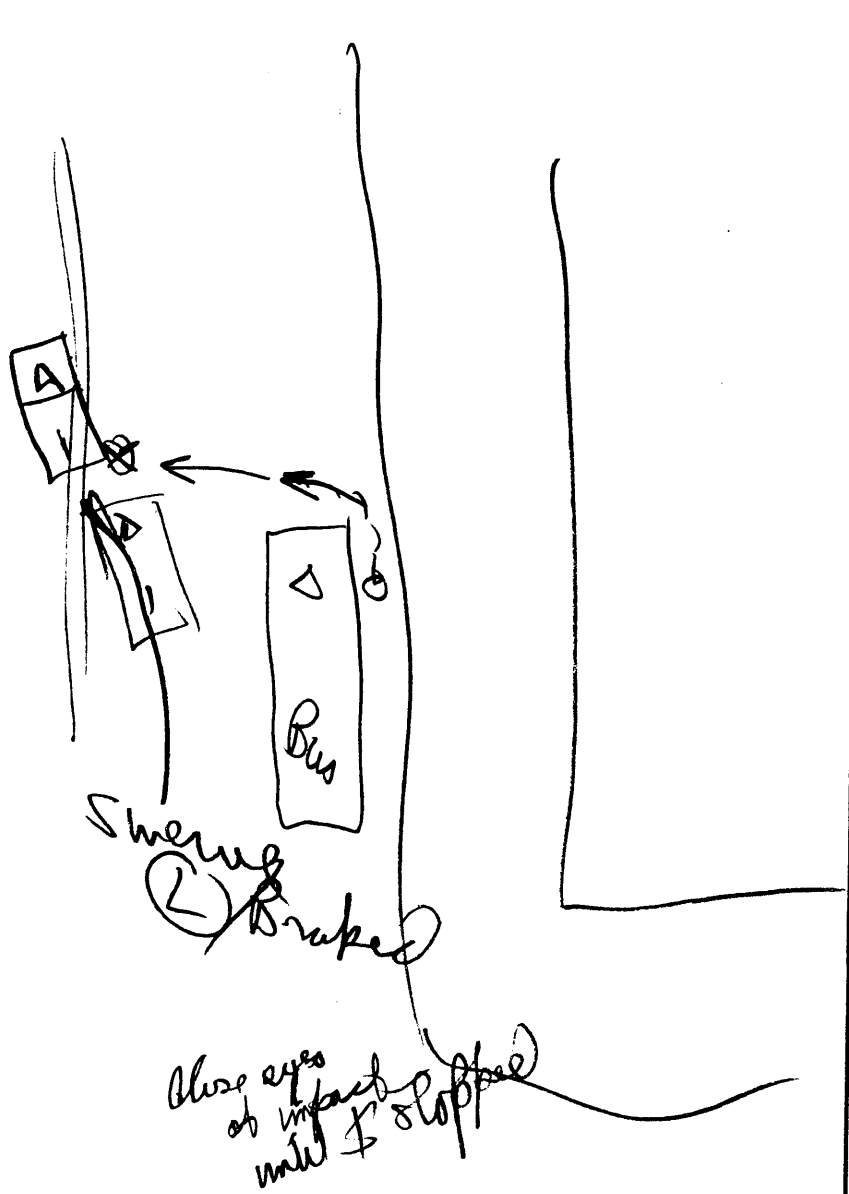
## OCCUPANT'S DESCRIPTION OF ACCIDENT EVENTS

# ACCIDENT DIAGRAM



INDICATE NORTH

The use of this diagram is optional. It may serve to aid in relating interviewee accident trajectory data (i.e., pre-impact to FRP orientations) to identifiable objects in the environment.



1. Primary Sampling Unit Number 82 3. Vehicle Number 0 1  
 2. Case Number - Stratum 6 18 P 4. Occupant Number 0 1

**DRIVER CRASH DATA QUESTIONS**

1. Can you tell me in which direction you were traveling?  
 North  South  East  West  
 (Optional - Where were you coming from or going to?  
 \_\_\_\_\_

2. In which lane were you traveling?  
 (Note: Lane 1 is designated as the right curb lane.)  
 [1]  [2]  [3]  [4]  Other (specify):  
 \_\_\_\_\_

3. Can you remember your estimated travel speed (in miles per hour) before the accident?  
 Stopped  1-10  10-20  
 20-30  30-40  40-50  
 50-60  60-70  70+

4. Just before the accident, can you tell me what you were intending to do or were doing?  
 Going straight  Stopped  
 slowing  Accelerating  
 Turning left  Turning right  
 Changing lanes to left  Changing lanes to right  
 Backing  
 Other (specify): \_\_\_\_\_

5. Did you experience any loss of control?  
 No  
 Yes (If yes, describe below)  
 \_\_\_\_\_

6. Did you have to take any avoidance actions prior to the accident?  
 No - Go to question 7  
 Yes - Go to question 6a

6a. What actions did you take?  
 Braking with lock-up  
 Braking without lock-up  
 Releasing brakes  
 Accelerating  
 Steering left  
 Steering right  
 Other (specify): \_\_\_\_\_

6b. Did the vehicle skid sideways?  
 Yes  
 Which way?  
 Clockwise  
 Counter clockwise  
 How much rotation?  
 Less than 30°  
 30° or more

No

7. Where was your vehicle at the time of the collision?  
 Original travel lane  Different travel lane  
 In intersection  Off roadway to right  
 Off roadway to left  
 Other (specify): \_\_\_\_\_

8. Was your travel speed at the time of the collision different from your previous travel speed?  
 No  
 Lower  
 Higher  
 Unknown

8a. Can you estimate your speed at the time of the collision?  
 Stopped  1-10  10-20  
 20-30  30-40  40-50  
 50-60  60-70  70+

9. Immediately following the collision, can you describe how your vehicle moved to its stopped position?

angled to left in other lane

10. What direction was your vehicle facing at final rest?



11. Where was your vehicle when it came to rest?

Original travel lane  Different travel lane  
 In intersection  Off roadway to right  
 Off roadway to left  
 Other (specify): \_\_\_\_\_

1. Primary Sampling Unit Number 82

3. Vehicle Number 0 1

2. Case Number - Stratum 6 18 P

4. Occupant Number 0 1

**VEHICLE/DRIVER DATA QUESTIONS**

**VEHICLE/PEDESTRIAN RELATED DATA**

12. Was there any previous damage to your vehicle that is not related to this accident?

No brand new  
 Yes (If "yes", describe below, go to question 13)

\_\_\_\_\_  
 \_\_\_\_\_

13. Was your vehicle repaired with Original Equipment Manufacture (OEM) parts?

No (If "No", describe below)  
 Yes  
 Unknown

\_\_\_\_\_  
 \_\_\_\_\_

14. At the time of the accident, was the vehicle being used as a:

Taxi  School Bus  Other Bus?

Is the vehicle a:

Military  Police  
 Ambulance  Fire Truck/Car  
 Other Special use, specify:

\_\_\_\_\_

15. Before the collision, were you attentive to the driving task or were you distracted by:

talking on a cellular phone  
 another person in the car  
 a moving object in the car  
 something outside the car, specify:

sleeping or dozing  
 other (specify): \_\_\_\_\_

not distracted

**OPTIONAL**

If you need additional vehicle information. Request the owner's permission for an additional inspection.

16. Do you know where the vehicle is currently located?

at home in security garage

17. May I take a look at your vehicle to assess the damage?

No  
 Yes later at 12:30

18. Just prior to the impact, was the pedestrian:

Standing  
 Crouching  
 Kneeling  
 Bending at waist  
 Other, specify: \_\_\_\_\_

19. Just before the impact, was the pedestrian:

Stopped  
 Walking  
 Walking Rapidly  
 Running or Jogging  
 Hopping  
 Skipping  
 Jumping  
 Falling or Rising  
 Other (specify): \_\_\_\_\_

20. Just before impact, was the pedestrian:

Crossing road, straight  
 Crossing road, diagonally maybe a little  
 Moving in road, with traffic  
 Moving in road, against traffic  
 Off road, approaching road  
 Off road, going away from road  
 Off road, moving parallel  
 Off road, crossing driveway  
 Off road, moving along driveway  
 Other (specify): \_\_\_\_\_

21. Where was the pedestrian at impact:

In intersection, in a crosswalk  
 In intersection, not in a crosswalk  
 Not at intersection, in a crosswalk  
 Not at intersection, not in a crosswalk  
 Off road  
 Other (specify): \_\_\_\_\_

22. Before trying to avoid being struck by the vehicle, was the pedestrian's chest:

Facing vehicle  
 Facing away  
 Left side to vehicle  
 Right side to vehicle  
 Other (specify): \_\_\_\_\_

1. Primary Sampling Unit Number

3. Vehicle Number

0 1

2. Case Number - Stratum

6 1 8 P

4. Occupant Number

0 1

## VEHICLE/DRIVER PEDESTRIAN RELATED DATA QUESTIONS (CONTINUED)

23. Did the pedestrian do anything to avoid being hit, like:

- Stopping  
 Accelerating pace  
 Running away (along vehicle path)  
 Jumping  
 Turning towards the vehicle  
 Turning away from the vehicle  
 Diving or falling away  
 using hands to:  
 Vault corner of vehicle  
 Vault onto the vehicle  
 Brace against vehicle  
 Crouch and brace hands against vehicle  
 Combination of above (specify):

 Other (specify): \_\_\_\_\_ No*never saw*

25. Where did the pedestrian hit the vehicle?

Would you say:

- The front  
 Corner, or  
 Side

26. When struck by the vehicle was the pedestrian's chest:

- Facing vehicle  
 Facing away  
 Left side to vehicle  
 Right side to vehicle  
 Other (specify): \_\_\_\_\_

27. Which way was the pedestrian's head facing (relative to the chest) at impact?

- To front  
 To Left  
 To Right  
 Up  
 Down  
 Other (specify): \_\_\_\_\_

28. Where were the pedestrian's arms at impact?

Would you say:

- At sides  
 Folded across chest  
 Hands clasped behind back  
 Hands on hips  
 Hands in pockets  
 one or both arms:  
 Extended upward  
 Extended to side  
 Extended forward, bracing  
 Extended forward or backward holding or pulling  
 object  
 Holding object in arms  
 Holding object on shoulder or hand  
 Other (specify): \_\_\_\_\_

*unknown*

29. Where were the pedestrian's legs at impact?

Were they:

- Together  
 Apart, laterally  
 Apart, left leg forward  
 Apart, right leg forward  
 Apart, forward leg unknown *unknown*  
 Left foot off the ground  
 Right foot off the ground  
 Both feet off the ground  
 Other (specify): \_\_\_\_\_

30. What happened to the pedestrian after being hit by the vehicle?

*I think she was knocked down, I never got out to look at her, I was shocked up*

31. Were there any other pedestrians contacted by your vehicle?

- Yes- How many? \_\_\_\_\_  
 continue collecting information (questions 24 through 34 above) for each additional pedestrian contacted.

 No- End Driver Interview

$$CF = 0.60$$

Veh POI to POR = 11 m.

Veh Wght = 1571 kg

Veh Slide to Stop ( $S = 15.9 \sqrt{d \cdot f} = \text{kmph}$ )

$$S = 15.9 \cdot \sqrt{11.0 \cdot 0.60}$$

$$S = 15.9 \cdot \sqrt{6.6}$$

$$S = 15.9 \cdot 2.569$$

$$S = 40.84 \text{ kmph (25 mph)}$$

Based on Pt. of Perception / Angle of View Obstruction

Veh. speed at pt. of perception = 55-60 kmph

Veh. braking / pre-impact slowed vehicle by 15-20 kmph

Veh. impact speed of approx. 40 kmph is reasonable

( $\pm 5$  kmph accuracy)



