



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



### PEDESTRIAN CASE SUMMARY

PSU 49 CASE NO. 619P TYPE OF ACCIDENT Car/Ped/Crossing road straight

#### 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.)

VI was traveling south in the second lane of a three-lane divided asphalt urban freeway at an estimated speed of 60 miles per hour. P1 was attempting to cross the freeway traveling west. P1 was apparently running straight across the southbound travel lanes. P1 slowed in an attempt to avoid VI, but the front-left of VI struck him. After being struck, P1 spun along the left side of VI and was thrown to the pavement. The driver of VI stated that she observed P1 slowing or stopped in the middle of the second southbound lane and braked and steered right, but was unable to avoid P1. After striking P1, VI pulled off the travel lanes on to the west shoulder. The driver of VI stated that P1 came to rest with his upper body in the first lane and his lower body in the second lane. She said that he got up after he came to a resting position and walked to the west shoulder and sat down until help arrived. P1 was transported and treated and released. VI was driven.

South Bound

#### 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	38	Male	Treat & Rel.	Upper Extrem	Skeletal	3	mirror

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	Subcompact car	95 / Saturn / SC1	Left	Light damage - Left side mirror off, window broken out, scratches

DO NOT SANITIZE THIS FORM

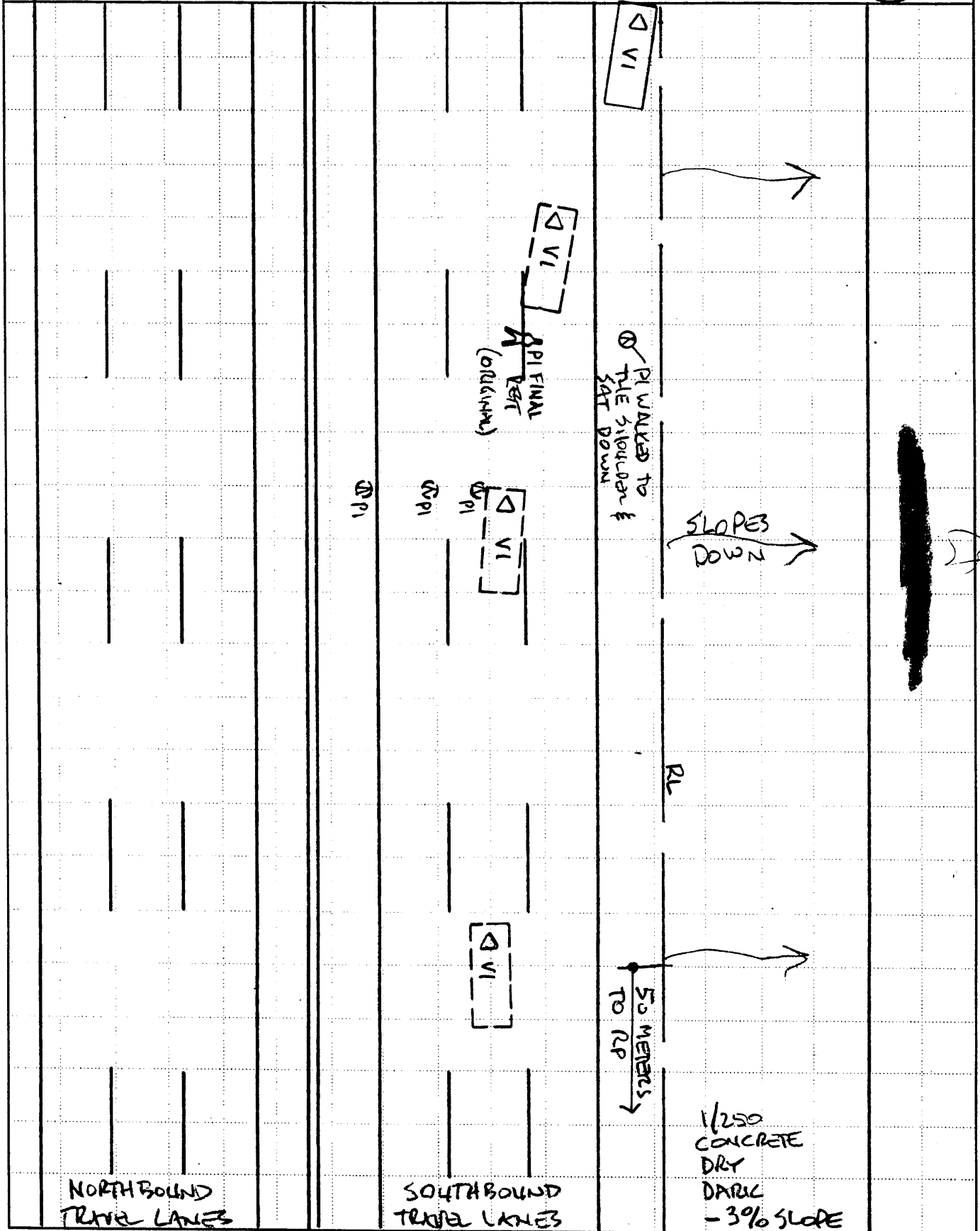


# ACCIDENT COLLISION DIAGRAM

PSU No. 49

Case Number-Stratum 619P

Indicate North





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

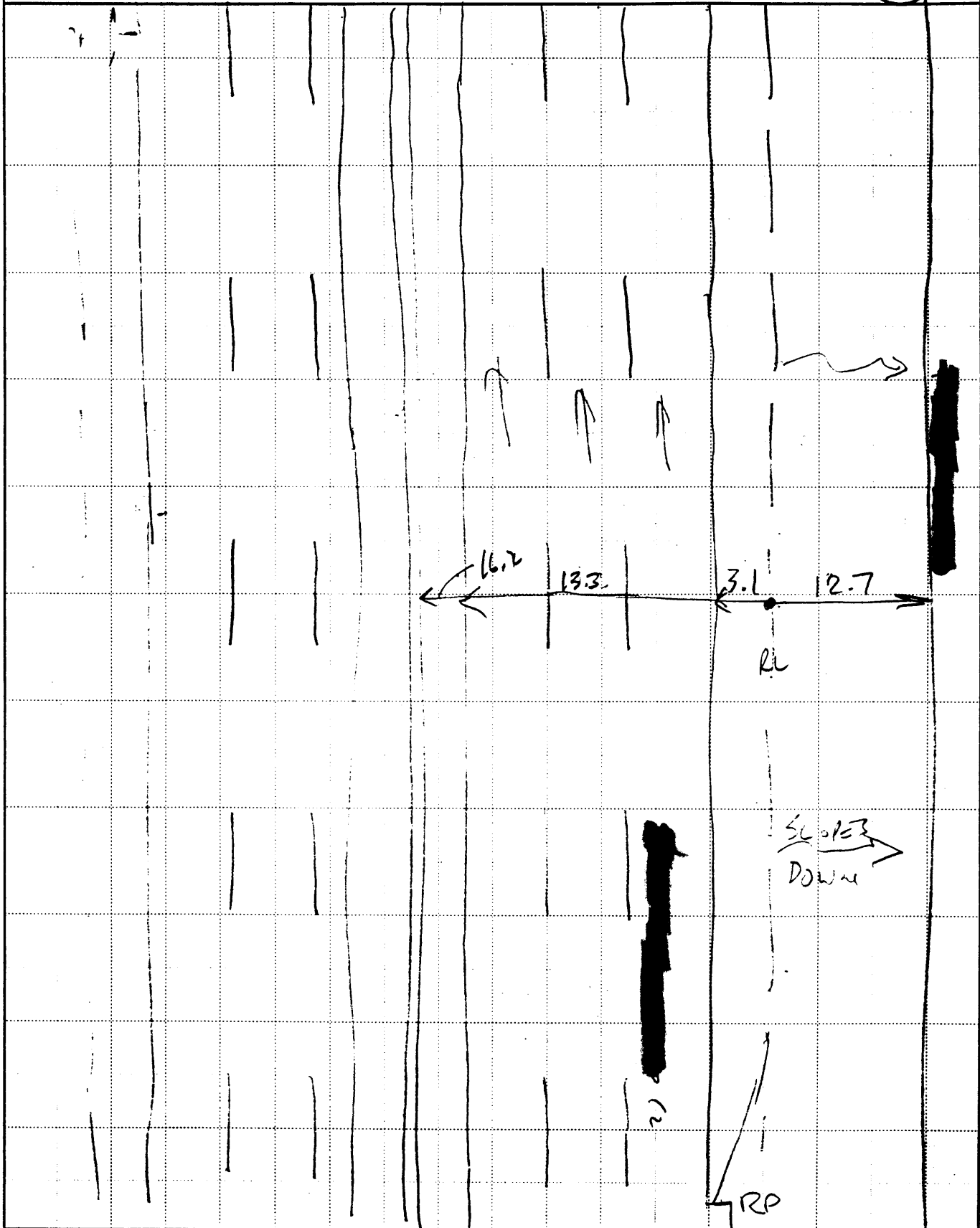
# ACCIDENT COLLISION DIAGRAM

NATIONAL ACCIDENT SAMPLING SYSTEM  
CRASHWORTHINESS DATA SYSTEM

PSU No. 49

Case Number—Stratum 619P

Indicate  
North





# PEDESTRIAN ACCIDENT COLLISION MEASUREMENT TABLE

Primary Sampling Unit Number 49

Case Number-Stratum 6 19 P

PEDESTRIAN ACCIDENT COLLISION DATA COLLECTION		SCALED DIAGRAM
<ul style="list-style-type: none"> <li>document reference point and reference line relative to physical features:</li> </ul>	Surface Type: <u>CONCRETE</u>	<ul style="list-style-type: none"> <li>north arrow placed on diagram</li> </ul>
<ul style="list-style-type: none"> <li>documentation of all accident induced physical evidence including (if applicable):</li> <li>a) vehicle skid marks:</li> <li>b) pedestrian contacts with ground or object</li> <li>c) vehicle/pedestrian point of impact (POI)</li> <li>d) location of pedestrian separation point from vehicle</li> <li>f) final resting points (FRP) for pedestrian and vehicle</li> </ul>	Surface Condition: <u>DRY</u> Coefficient of Friction: <u>.70</u> Grade (v/h) Measurement: a) at impact: <u>-4/122</u> b) between impact and final rest: <u>-4/122</u>	<ul style="list-style-type: none"> <li>grade measurements for all applicable roadways</li> <li>scaled representations of the physical plant including:               <ul style="list-style-type: none"> <li>a) all road/roadway delineation (e.g., crosswalks, curb/edge lines, lane markings, medians, pavement markings, parked vehicles, poles, signs, etc.)</li> <li>b) all traffic controls (e.g., lights, signs)</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>documentation of the physical plant including:               <ul style="list-style-type: none"> <li>a) all road/roadway delineation (e.g., crosswalks, curb/edge lines, lane markings, medians, pavement markings, parked vehicles, poles, signs, etc.)</li> <li>b) all traffic controls (e.g., lights, signs)</li> </ul> </li> </ul>	Pedestrian Travel Direction: <u>W</u> Vehicle Travel Direction: <u>S</u> Number of Travel Lanes: <u>3x2</u>	<ul style="list-style-type: none"> <li>scaled representations of the vehicle and pedestrian at pre-impact, impact, and final rest based upon either:               <ul style="list-style-type: none"> <li>a) physical evidence, or</li> <li>b) reconstructed accident dynamics</li> </ul> </li> </ul>

Reference Point: SW CORNER OF [REDACTED] BRIDGE

Reference Line: WEST EDGE OF WEST SHOULDER

Item	Distance and Direction from Reference Point	Distance and Direction from Reference Line
<u>RP TO R<sub>x</sub></u>	<u>3.1</u>	
<u>APPROX FRP1</u>	<u>79.5 S</u>	<u>6.5E</u>





# PEDESTRIAN ACCIDENT FORM

1. Primary Sampling Unit Number 49

2. Case Number - Stratum 619 P

### IDENTIFICATION

3. Number of General Vehicle Forms Submitted 01

4. Date of Accident (Month, Day, Year) ██████ 1 9 5

5. Time of Accident 2339

Code reported military time of accident.

NOTE: Midnight = 2400  
Unknown = 9999

### 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.

6. \_\_\_ SS15 Administrative Use 0

7.  SS16 Pedestrian Crash Data Study 1

8. \_\_\_ SS17 Impact Fires 0

9. \_\_\_ SS18 \_\_\_\_\_ 0

10. \_\_\_ SS19 \_\_\_\_\_ 0

### NUMBER OF EVENTS

11. Number of Recorded Events in This Accident 01

### 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>01</u>	13. <u>01</u>	14. <u>01</u>	15. <u>L</u>	16. <u>72</u>	17. <u>00</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

1. Primary Sampling Unit Number	<u>49</u>	10. Pedestrian's Weight	<u>109</u>
2. Case Number - Stratum	<u>6 19 P</u>	Code actual weight to the nearest kilogram.	
3. Pedestrian Number	<u>0 1</u>	(999) Unknown	
		<u>240</u> pounds X .4536 = <u>109</u> kilograms	

PEDESTRIAN'S CHARACTERISTICS	PEDESTRIAN'S PRE-AVOIDANCE ACTIONS
------------------------------	------------------------------------

<p>4. Pedestrian's Age <u>38</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>1</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>183</u> Code actual height to the nearest centimeter. (999) Unknown <u>72</u> inches X 2.54 = <u>183</u> centimeters</p> <p>7. Pedestrian's Height - Ground to Knee <u>52</u> Code to the nearest centimeter. (999) Unknown <del>99</del> _____ inches X 2.54 = _____ centimeters</p> <p>8. Pedestrian's Height - Ground to Hip <u>99</u> Code to the nearest centimeter. (999) Unknown <del>99</del> _____ inches X 2.54 = _____ centimeters</p> <p>9. Pedestrian's Height - Ground to Shoulder <u>150</u> Code to the nearest centimeter. (999) Unknown <del>99</del> _____ 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>3</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>01</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>4</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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2 c. Flow  
 90 ch.

## PEDESTRIAN'S AVOIDANCE ACTIONS

15. Pedestrian's First Avoidance Actions 01

- (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 3 ~~9~~

- (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 1 ~~4~~

- (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 LO

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

2 SLK-PACKS  
OF REFR

## 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 ~~99~~

- (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 15

- (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): Brushed on side of vehicle + fell to ground at point of impact
- (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

1

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

97  
96

Source: P.A.R. 

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

0

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): Cannabis  
(3) Specimen test given,  
results unknown or not obtained  
(9) Unknown

2 0

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

3

26. Treatment - Mortality

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

3 K

*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

01  
00

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

97

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

- |   |  |
|---|--|
| <p>30. Glasgow Coma Scale (GCS) Score <u>15</u><br/>(at Medical Facility)<br/>(00) Not injured<br/>(01) Injured - not treated at medical facility<br/>(02) No GCS Score at medical facility<br/>(03-15) Code the actual value of the initial GCS Score recorded at medical facility.<br/>(97) Injured, details unknown<br/>(99) Unknown if injured</p> <p>31. Was the Pedestrian Given Blood? <u>1</u><br/>(1) No - blood not given<br/>(2) Yes - blood given<br/>(specify units): _____<br/>(9) Unknown if blood given</p> <p>32. Arterial Blood Gases (ABG) - HCO<sub>3</sub> <u>01</u><br/>(00) Not injured<br/>(01) Injured, ABGs not measured or reported<br/>(02-50) Code the actual value of the HCO<sub>3</sub><br/>(96) ABGs reported, HCO<sub>3</sub> unknown<br/>(97) Injured, details unknown<br/>(99) Unknown if injured</p> <p>33. Time to Death <u>00</u><br/>_____ 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)<br/>(00) Not fatal<br/>(96) Fatal - ruled disease<br/>(99) Unknown</p> | <p>34. 1st Medically Reported Cause of Death <u>00</u></p> <p>35. 2nd Medically Reported Cause of Death <u>00</u></p> <p>36. 3rd Medically Reported Cause of Death <u>00</u><br/>_____ Code the Pedestrian Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this pedestrian's death<br/>(00) Not fatal or no additional causes<br/>(96) Mode of death given but specific injuries are not linked to cause of death. (specify): _____<br/>(97) Other result (includes fatal ruled disease) (specify): _____<br/>(99) Unknown</p> <p>37. Number of Recorded Injuries for This Pedestrian <u>08</u><br/>_____ Code the actual number of injuries recorded for this pedestrian.<br/>(00) No recorded injuries<br/>(97) Injured, details unknown<br/>(99) Unknown if injured</p> |
|---|--|

ARE ALL APPLICABLE MEDICAL RECORDS INCLUDED WITH INITIAL SUBMISSION?

NO [] YES [ ]

UPDATE CANDIDATE?

NO [ ] YES []



# PEDESTRIAN INJURY FORM

1. Primary Sampling Unit Number <span style="float:right; margin-right: 50px;"><u>49</u></span>	3. Pedestrian Number <span style="float:right;"><u>0 1</u></span>
2. Case Number - Stratum <span style="float:right; margin-right: 50px;"><u>6 19 P</u></span>	4. Blank <span style="float:right;"><u>X X</u></span>

## INJURY DATA

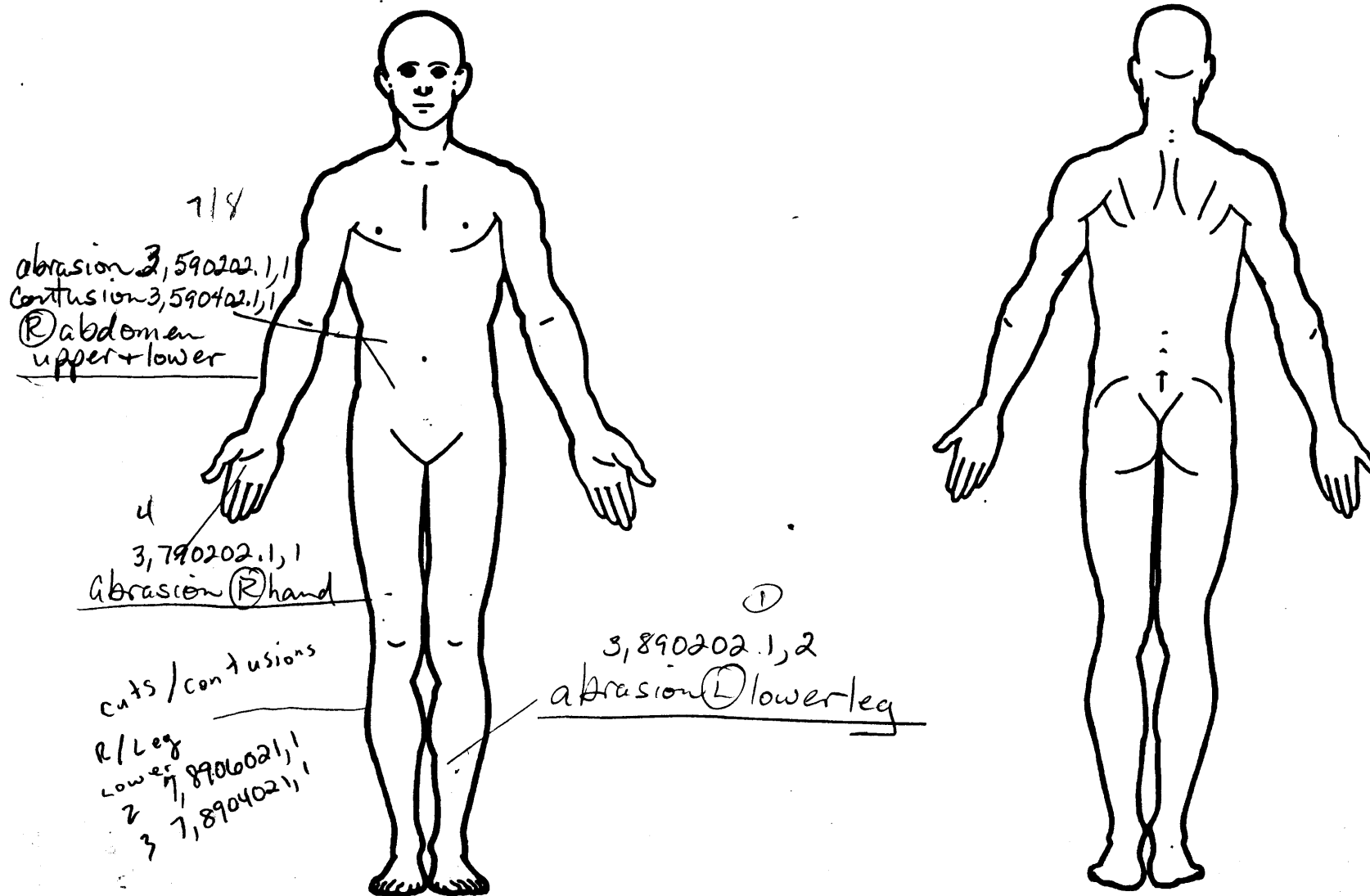
Record below the actual injuries sustained by this pedestrian in **CHRONOLOGICAL** order that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than twenty-five injuries have been 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>3</u>	6. <u>8</u>	7. <u>9</u>	8. <u>02</u>	9. <u>02</u>	10. <u>1</u>	11. <u>2</u>	12. <u>720</u>	13. <u>1</u>	14. <u>1</u>	15. <u>3</u>	16. <u>2</u>	17. <u>2</u>
2nd	18. <u>7</u>	19. <u>8</u>	20. <u>9</u>	21. <u>06</u>	22. <u>02</u>	23. <u>1</u>	24. <u>1</u>	25. <u>720</u>	26. <u>1</u>	27. <u>1</u>	28. <u>3</u>	29. <u>2</u>	30. <u>2</u>
3rd	31. <u>7</u>	32. <u>8</u>	33. <u>9</u>	34. <u>04</u>	35. <u>02</u>	36. <u>1</u>	37. <u>1</u>	38. <u>720</u>	39. <u>1</u>	40. <u>1</u>	41. <u>3</u>	42. <u>2</u>	43. <u>2</u>
4th	44. <u>3</u>	45. <u>7</u>	46. <u>9</u>	47. <u>02</u>	48. <u>02</u>	49. <u>1</u>	50. <u>1</u>	51. <u>732</u>	52. <u>1</u>	53. <u>1</u>	54. <u>3</u>	55. <u>6</u>	56. <u>2</u>
5th	57. <u>2</u>	58. <u>7</u>	59. <u>5</u>	60. <u>28</u>	61. <u>02</u>	62. <u>2</u>	63. <u>1</u>	64. <u>732</u>	65. <u>1</u>	66. <u>1</u>	67. <u>3</u>	68. <u>6</u>	69. <u>2</u>
6th	70. <u>2</u>	71. <u>7</u>	72. <u>5</u>	73. <u>32</u>	74. <u>04</u>	75. <u>3</u>	76. <u>1</u>	77. <u>732</u>	78. <u>1</u>	79. <u>1</u>	80. <u>3</u>	81. <u>6</u>	82. <u>2</u>
7th	83. <u>3</u>	84. <u>5</u>	85. <u>9</u>	86. <u>02</u>	87. <u>02</u>	88. <u>1</u>	89. <u>1</u>	90. <u>730</u>	91. <u>1</u>	92. <u>1</u>	93. <u>2</u>	94. <u>2</u>	95. <u>2</u>
8th	96. <u>3</u>	97. <u>5</u>	98. <u>9</u>	99. <u>04</u>	100. <u>02</u>	101. <u>1</u>	102. <u>1</u>	103. <u>730</u>	104. <u>1</u>	105. <u>1</u>	106. <u>2</u>	107. <u>2</u>	108. <u>2</u>
9th	109. <u>  </u>	110. <u>  </u>	111. <u>  </u>	112. <u>  </u>	113. <u>  </u>	114. <u>  </u>	115. <u>  </u>	116. <u>  </u>	117. <u>  </u>	118. <u>  </u>	119. <u>  </u>	120. <u>  </u>	121. <u>  </u>
10th	122. <u>  </u>	123. <u>  </u>	124. <u>  </u>	125. <u>  </u>	126. <u>  </u>	127. <u>  </u>	128. <u>  </u>	129. <u>  </u>	130. <u>  </u>	131. <u>  </u>	132. <u>  </u>	133. <u>  </u>	134. <u>  </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.)



<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 (Scuff, Cloth Transfer, Smear)</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 (2) Face (3) Neck (4) Thorax (5) Abdomen (6) Spine (7) Upper Extremity (8) Lower Extremity (9) Unspecified	<u>Whole Area</u> (02) Skin - Abrasion (04) Skin - Contusion (06) Skin - Laceration (08) Skin - Avulsion (10) Amputation (20) Burn (30) Crush (40) Degloving (50) Injury - NFS (90) Trauma, other than mechanical	(02) Cervical (04) Thoracic (06) Lumbar	(1) Minor injury (2) Moderate injury (3) Serious injury (4) Severe injury (5) Critical injury (6) Maximum (untreatable) injured, unknown severity
<b>Type of Anatomic Structure</b>	<u>Head - LOC</u> (02) Length of LOC (04, 06, 08) Level of Consciousness (10) Concussion	<u>Vessels, Nerves, Organs, Bones, Joints</u> are assigned consecutive two digit numbers beginning with 02	<b>Aspect</b>
(1) Whole Area (2) Vessels (3) Nerves (4) Organs (includes muscles/ligaments) (5) Skeletal (includes joints) (6) Head - LOC (9) Skin		<b>Level of Injury</b> Specific injuries are assigned consecutive two-digit numbers beginning with 02.	(1) Right (2) Left (3) Bilateral (4) Central (5) Anterior (6) Posterior (7) Superior (8) Inferior (9) Unknown (0) Whole region
		<b>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>	

**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><b>730 Left side door surface</b></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

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.)

Blood Alcohol Level  
 (mg/dl)

BAL = + (99)?

Glasgow Coma  
 Scale Score

GCSS = 15

Units of Blood  
 Given

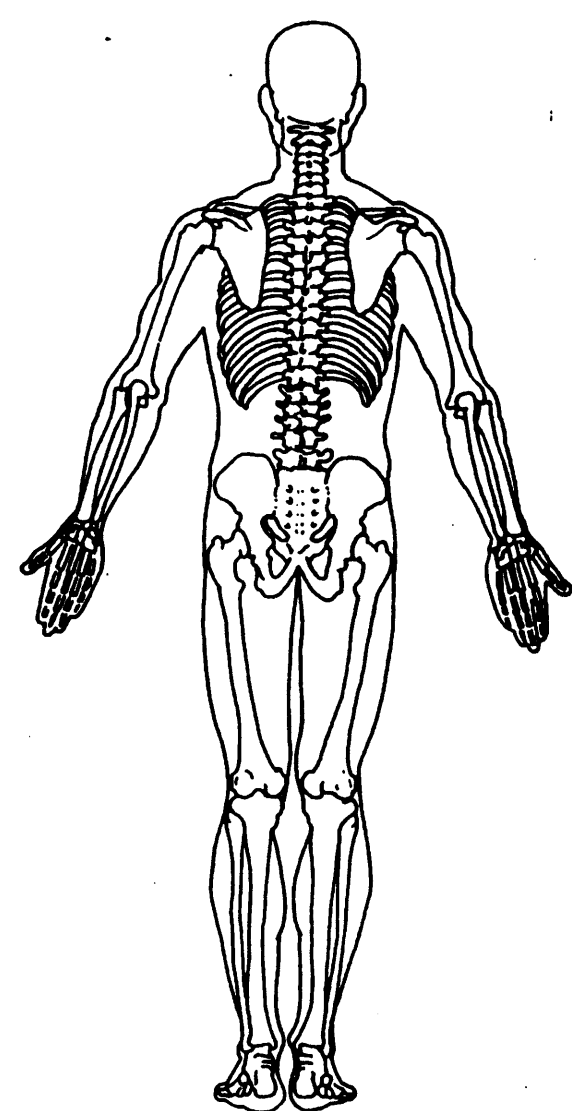
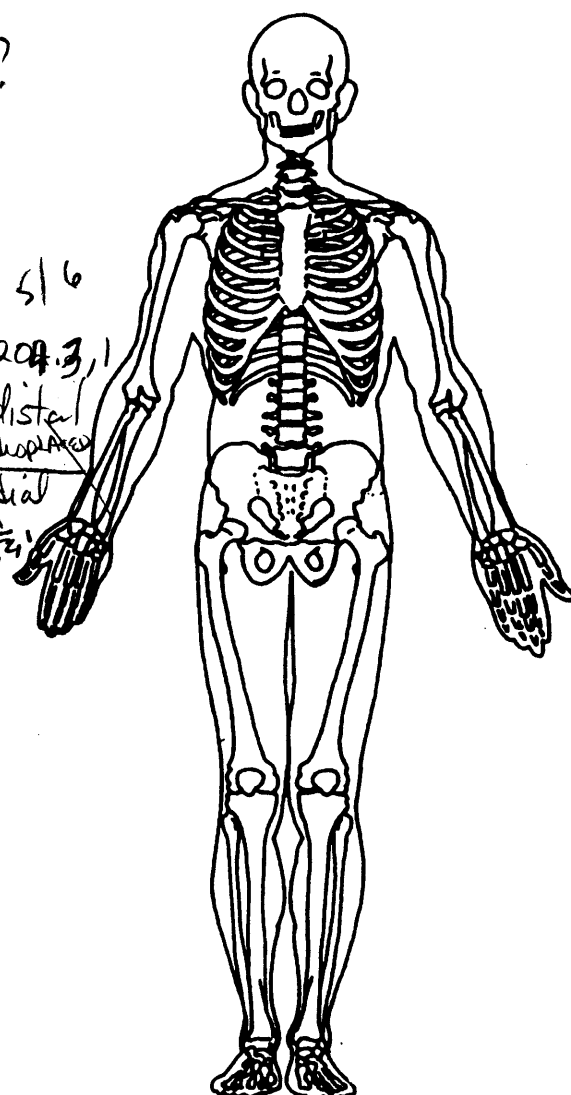
Units = 0

Arterial Blood Gases

Ph = \_\_\_\_\_  
 PO<sub>2</sub> = \_\_\_\_\_  
 PCO<sub>2</sub> = \_\_\_\_\_  
 HCO<sub>3</sub> = \_\_\_\_\_

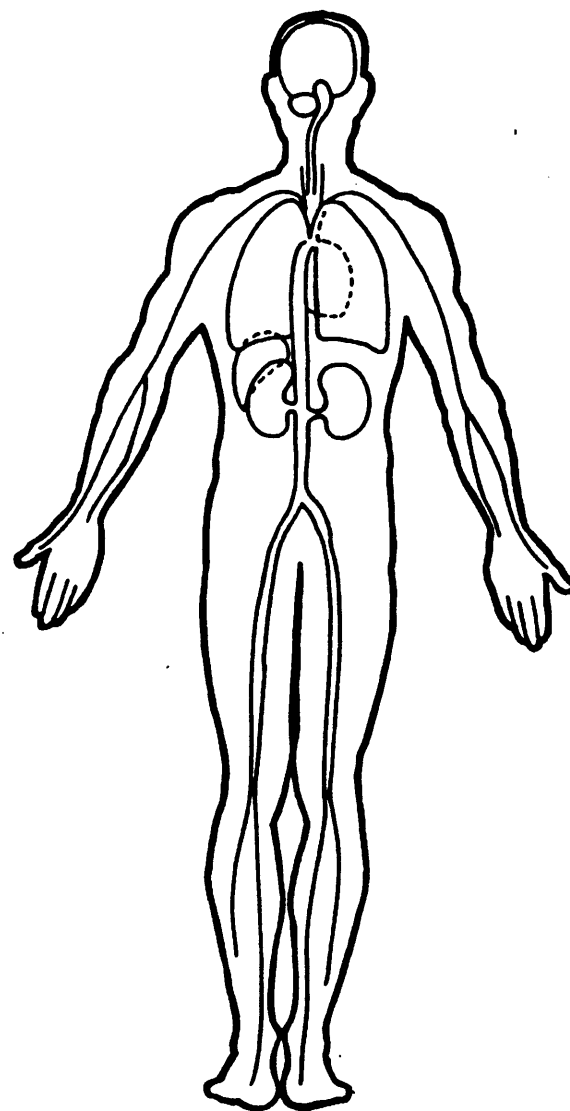
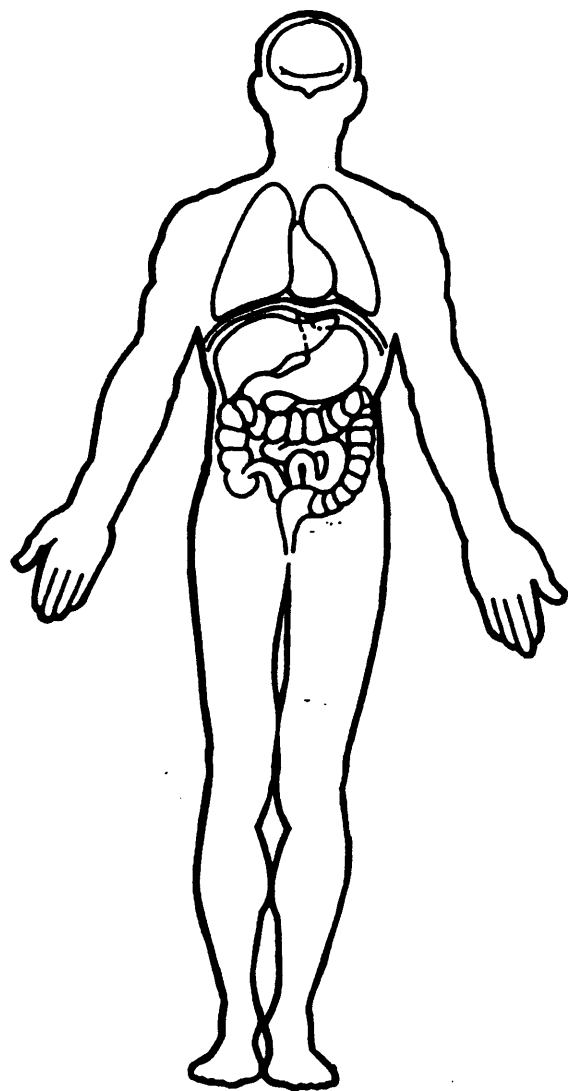
2,753204.3,1  
 Ix @ distal  
 ulna displaced  
 Fx @ medial  
 heel  
 (2,752802.3)

516



## 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.)





**OFFICIAL RECORDS**

1. Primary Sampling Unit Number 49  
 2. Case Number - Stratum 6 19 P  
 3. Vehicle Number 0 1

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

**VEHICLE IDENTIFICATION**

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

10. Speed Limit 089  
 (000) No statutory limit  
 Code posted or statutory speed limit in kmph  
 (999) Unknown

55 mph X 1.6093 = 89 kmph

5. Vehicle Make (specify): 24  
Saturn  
 Applicable codes are found in your NASS PCDS Data Collection, Coding and Editing Manual.  
 (99) Unknown 2/2


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

6. Vehicle Model (specify): 002  
SC1  
 Applicable codes are found in your NASS PCDS Data Collection, Coding and Editing Manual.  
 (999) 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: P.A.R.

7. Body Type 02  
 Note: Applicable codes may be found on the back of this page.

8. Vehicle Identification Number  
1G8ZE12855Z   
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

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

Left justify; Slash zeros and letter Z (0 and Z)  
 No VIN—Code all zeros  
 Unknown—Code all nines

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, Ranchero, 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)
- (45) 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

## 15. Vehicle Curb Weight

Code weight to nearest  
10 kilograms.

- (045) Less than 450 kilograms  
(610) 6,100 kilograms or more  
(999) Unknown

2,204 lbs X .4536 = 1,036 kgs

Source: 

## 16. Vehicle Cargo Weight

Code weight to nearest  
10 kilograms.

- (000) Less than 5 kilograms  
(450) 4,500 kilograms or more  
(999) Unknown

\_\_\_\_\_ lbs X .4536 = \_\_\_\_\_ kgs

## OTHER DATA

## 17. Vehicle Special Use (This Trip)

- (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**

## RECONSTRUCTION DATA

## 18. Impact Speed

Nearest kmph

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

## 19. Accuracy Range of Impact Speed Estimate

- (0) No reconstruction  
(1) Less than 2 kmph  
(2)  $\geq 2$  kmph and  $\leq 8$  kmph  
(3)  $\geq 9$  kmph and  $\leq 16$  kmph  
(4)  $\geq 17$  kmph and  $\leq 26$  kmph  
(9) Unknown

## 20. Data Source of Impact Speed

- (0) No impact speed calculated  
(1) Zone center calculation  
(2) Police calculation  
(3) Driver/witness/police estimates

## PRECRASH DATA

## 21. Driver's Attention to Driving

(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

(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

23. Critical Precrash Event 80*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 09

- (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 2

- (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) 2

- (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 1  
 (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

OVERPASS

28. Trafficway Flow 3

- (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 3

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

30. Roadway Alignment 1

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

31. Roadway Profile 3

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

32. Roadway Surface Type 2

- (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

- (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

- (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

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

36. Light Conditions 2

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

37. Atmospheric Conditions 1

- (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

49-619

/96

95 Subaru

29 YOF

black doors,

3870 km

240 # 6'

60 mph - Driver estimated speed.

$60 \times 1.61 \sim 97 \text{ KPH}$

To scene evidence available  
for  $\Sigma \phi$  speed calculations





1. Primary Sampling Unit Number	<u>49</u>	3. Vehicle Number	<u>0 1</u>
2. Case Number - Stratum	<u>6 19 P</u>		

**VEHICLE IDENTIFICATION**

VIN 1 G 8 Z E 1 2 8 5 S Z ~~XXXXXXXXXX~~ Model Year 95

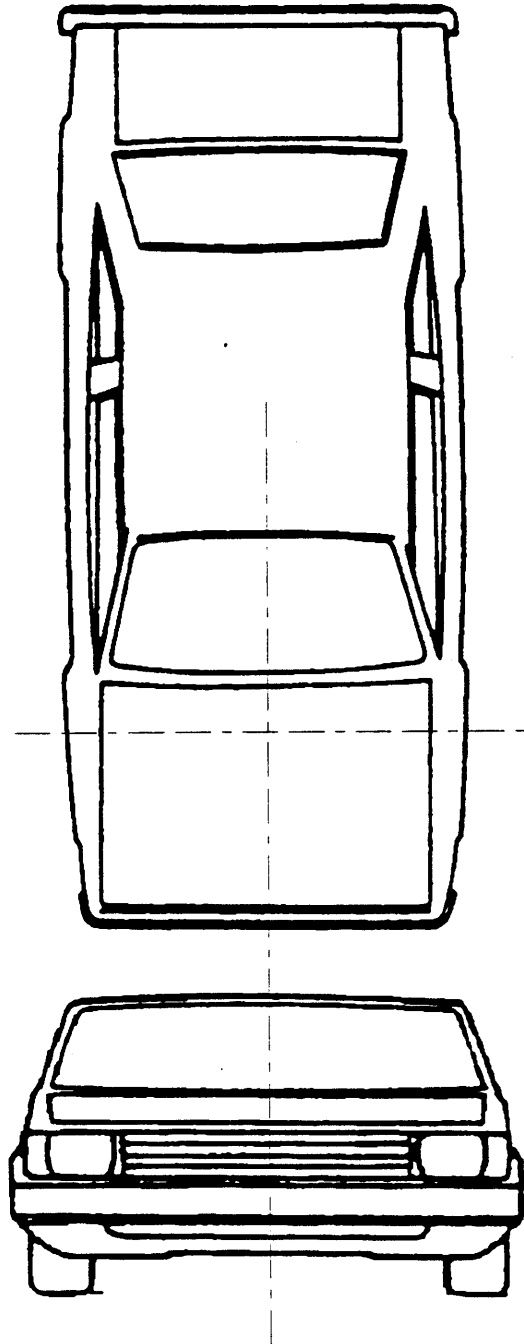
Vehicle Make (specify): SATURN Vehicle Model (specify): SCI

**PEDESTRIAN FRONT 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
PEV14 Front Bumper Cover Material	_____
PEV15 Front Bumper Reinforcement Material	_____
<b>VERTICAL MEASUREMENTS</b>	
PEV16 Front Bumper-Bottom Height	_____ cm
PEV17 Front Bumper-Top Height	_____ cm
PEV18 Forward Hood Opening	_____ cm
PEV19 Front Bumper Lead	_____ cm
<b>WRAP DISTANCES</b>	
PEV20 Ground to Forward Hood Opening	_____ cm
PEV21 Ground to Front/Top Transition Point	_____ cm
PEV22 Ground to Rear Hood Opening	_____ cm
PEV23 Ground to Base of Windshield	_____ cm
PEV24 Ground to Top of Windshield	_____ cm
PEV25 Ground to Head Contact	_____ cm

NO FRONT CONTACT

### 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 sidewalls, etc.).

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

## PEDESTRIAN SIDE CONTACT WORK SHEET

PEV06 Hood Material

Steel

PEV08 Hood Length

099

cm ✓

PEV09 Hood Width-Forward Opening

129

cm ✓

PEV10 Hood Width-Midway

138

cm ✓

PEV11 Hood Width-Rear Opening

142

cm ✓

## VERTICAL MEASUREMENTS

PEV26 Ground Clearance

019

cm ✓

PEV27 Side Bumper-Bottom Height

019

cm ✓

PEV28 Side Bumper-Top Height

046

cm ✓

PEV29 Centerline of Wheel

038

cm ✓

PEV30 Top of Tire

059

cm ✓

PEV31 Top of Wheel Well Opening

067

cm ✓

PEV32 Bottom of A-Pillar at Windshield

083

cm ✓

PEV33 Top of A-Pillar at Windshield

121

cm ✓

PEV34 Top of Side View Mirror - from right side

097

cm ✓

## LATERAL MEASUREMENTS

PEV35 C<sub>L</sub> to A-Pillar at Bottom of Windshield067  
076

cm

PEV36 C<sub>L</sub> to A-Pillar at Top of Windshield059

cm ✓

PEV37 C<sub>L</sub> to Maximum Side View Mirror Protrusion - from  
Rt. side093

cm ✓

## WRAP DISTANCES

PEV38 Ground to Side/Top Transition - at front axle

080  
077

cm

PEV39 Ground to Hood Edge

091

cm ✓

PEV40 Ground to Centerline of Hood (ORIGIN)

162

cm ✓

PEV41 Ground to Head Contact - no head  
contact

---

cm

## ORIGINAL SPECIFICATIONS

Wheelbase	99.2	inches x 2.54 =	252	cm ✓
Overall Length	173.2	inches x 2.54 =	440	cm ✓
Maximum Width	67.6	inches x 2.54 =	172	cm ✓
Curb Weight	2,284	pounds x .4536 =	1,036	kg ✓
Average Track	56.4	inches x 2.54 =	144 143	cm ✓
Front Overhang	99	inches x 2.54 =	142 249	cm
Rear Overhang	89	inches x 2.54 =	226	cm
Undeformed End Width	---	inches x 2.54 =	---	cm
Engine Size: cyl./displ.	4/1.9L	cc x .001 =	1900	L ✓
	---	CID x .0164 =	---	L

### INJURY SOURCE

#### 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
- 726 D pillar
- 728 Other pillar  
(specify): \_\_\_\_\_
- 729 Left side roof rail
- 730 Left side door surface
- 731 Left side 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
- 736 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
- 746 D pillar
- 748 Other pillar (specify): \_\_\_\_\_
- 749 Right side roof rail
- 750 Right side door surface
- 751 Right side 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
- 756 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 under hood component
- 772 Front fender top surface
- 773 Cowl area
- 774 Wiper blade & mountings
- 775 Windshield glazing
- 776 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 cross member
- 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

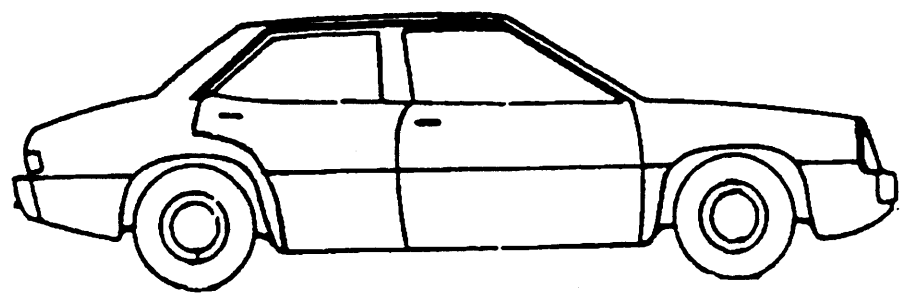
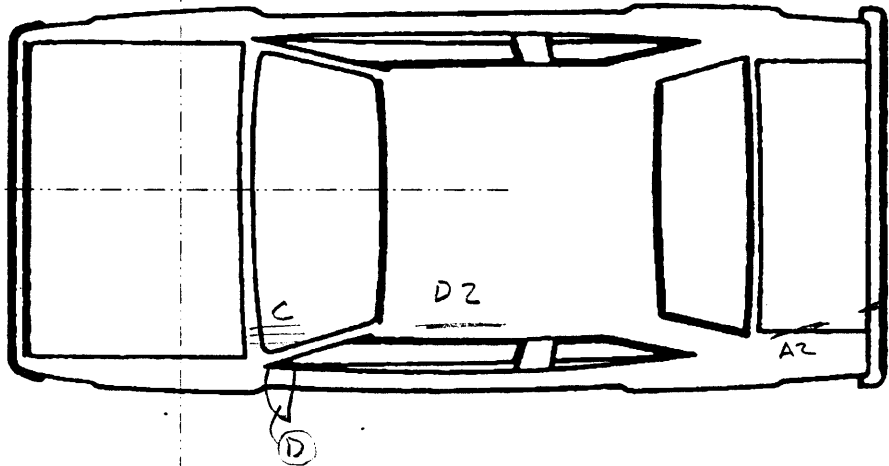
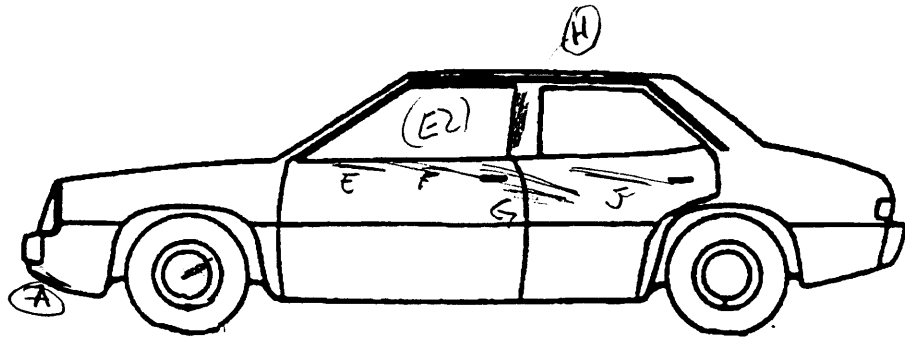
#### Accessories

- 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): \_\_\_\_\_
- 826 Spare tire
- 827 Spotlight
- 828 Other accessory (specify): \_\_\_\_\_

#### Other Object or Vehicle in Environment

- 947 Ground
- 948 Other object (specify): \_\_\_\_\_
- 949 Unknown object in environment
- 959 Unknown object on contacting vehicle
- 997 Noncontact injury source
- 999 Unknown injury source

### 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

Origin To Front = 170 A  
Origin To Side = 160





**VEHICLE DIMENSIONS**

4. Original Wheelbase 252 ✓  
 \_\_\_\_\_ Code to the nearest centimeter  
 (999) Unknown

992 inches X 2.54 = 252 centimeters

5. Original Average Track Width 143 ✓  
 \_\_\_\_\_ Code to the nearest centimeter  
 (185) 185 centimeters or more  
 (999) Unknown

564 inches X 2.54 = 143 centimeters

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

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

8. Hood Length 099 ✓  
 \_\_\_\_\_ Code to the nearest centimeter  
 (180) 180 centimeters or more  
 (999) Unknown

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

9. Hood Width Forward Opening 129 ✓  
 \_\_\_\_\_ Code to the nearest centimeter  
 (210) 210 centimeters or more  
 (999) Unknown

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

10. Hood Width Midway 138 ✓  
 \_\_\_\_\_ Code to the nearest centimeter  
 (210) 210 centimeters or more  
 (999) Unknown

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

11. Hood Width Rear Opening 142 ✓  
 \_\_\_\_\_ 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 1 ✓  
 (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 Hand? 1 ✓  
 From Pedestrian Contact  
 (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 0  
 (0) No front contact  
 (1) Plastic  
 (2) Fiberglass  
 (3) Rubber  
 (4) Other (specify): \_\_\_\_\_  
 (9) Unknown

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

16. Front Bumper-Bottom Height 000  
 \_\_\_\_\_ 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 000  
 \_\_\_\_\_ Code to the nearest centimeter  
 (000) No front contact  
 (150) 150 centimeters or more  
 (999) Unknown  
 \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

18. Forward Hood Opening 000  
 \_\_\_\_\_ Code to the nearest centimeter  
 (000) No front contact  
 (200) 200 centimeters or more  
 (999) Unknown  
 \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

19. Front Bumper Lead 00  
 (00) No front contact  
 \_\_\_\_\_ Code to the nearest centimeter  
 (30) 30 centimeters or more  
 (99) Unknown  
 \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

23. Ground to Base of Windshield 000  
 \_\_\_\_\_ Code to the nearest centimeter  
 (000) No front contact  
 (400) 400 centimeters or more  
 (999) Unknown  
 \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

24. Ground to Top of Windshield 000  
 \_\_\_\_\_ Code to the nearest centimeter  
 (000) No front contact  
 (500) 500 centimeters or more  
 (999) Unknown  
 \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

25. Ground To Head Contact 000  
 \_\_\_\_\_ Code to the nearest centimeter  
 (000) No front contact  
 (400) 400 centimeters or more  
 (998) No head contact  
 (999) Unknown  
 \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

**Front Wrap Distance Measurements**

**SIDE CONTACT DAMAGE**

20. Ground to Forward Hood Opening 000  
 \_\_\_\_\_ Code to the nearest centimeter  
 (000) No front contact  
 (200) 200 centimeters or more  
 (999) Unknown  
 \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

21. Ground to Front/Top Transition Point 000  
 \_\_\_\_\_ Code to the nearest centimeter  
 (000) No front contact  
 (180) 180 centimeters or more  
 (999) Unknown  
 \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

22. Ground to Rear Hood Opening 000  
 \_\_\_\_\_ Code to the nearest centimeter  
 (000) No front contact  
 (400) 400 centimeters or more  
 (999) Unknown  
 \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

**Side Vertical Measurements**

26. Ground Clearance 019  
 \_\_\_\_\_ Code to the nearest centimeter  
 (000) No side contact  
 (150) 150 centimeters or more  
 (999) Unknown  
 \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

27. Side Bumper-Bottom Height 019  
 \_\_\_\_\_ Code to the nearest centimeter  
 (000) No side contact  
 (150) 150 centimeters or more  
 (999) Unknown  
 \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

28. Side Bumper-Top Height 046  
 \_\_\_\_\_ Code to the nearest centimeter  
 (000) No side contact  
 (150) 150 centimeters or more  
 (999) Unknown  
 \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

		Side Lateral Measurements	
29. Centerline of Wheel _____ Code to the nearest centimeter (000) No side contact (150) 150 centimeters or more (999) Unknown  _____ inches X 2.54 = _____ centimeters	<u>028</u> ✓	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  _____ 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  _____ inches X 2.54 = _____ centimeters	<u>059</u> ✓	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  _____ inches X 2.54 = _____ centimeter	
31. Top of Wheel Well Opening _____ Code to the nearest centimeter (000) No side contact (250) 250 centimeters or more (999) Unknown  _____ inches X 2.54 = _____ centimeters	<u>067</u> ✓	37. Centerline to Maximum Side View Mirror Protrusion _____ Code to the nearest centimeter (000) No side contact (300) 300 centimeters or more (999) Unknown  _____ inches X 2.54 = _____ centimeter	
32. Bottom of A-Pillar at Windshield _____ Code to the nearest centimeter (000) No side contact (250) 250 centimeters or more (999) Unknown  _____ inches X 2.54 = _____ centimeters	<u>083</u> ✓	Side Wrap Distance Measurements	
33. Top of A-Pillar at Windshield _____ Code to the nearest centimeter (000) No side contact (300) 300 centimeters or more (999) Unknown  _____ inches X 2.54 = _____ centimeters	<u>121</u> ✓	38. Ground to Side/Top Transition _____ Code to the nearest centimeter (000) No side contact (400) 400 centimeters or more (999) Unknown  _____ inches X 2.54 = _____ centimeters	<u>077</u> <u>080</u>
34. Top of Side View Mirror _____ Code to the nearest centimeter (000) No side contact (300) 300 centimeters or more (999) Unknown  _____ inches X 2.54 = _____ centimeters	<u>097</u> ✓	39. Ground to Hood Edge _____ Code to the nearest centimeter (000) No side contact (500) 500 centimeters or more (999) Unknown  _____ inches X 2.54 = _____ centimeters	<u>091</u> ✓

40. Ground to Centerline of Hood

162 ✓

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

998 ✓

Code to the nearest centimeter

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

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



# PEDESTRIAN INTERVIEW FORM

1. Primary Sampling Unit Number	<u>49</u>	Interviewee(s) Role or Name(s):	
2. Case Number - Stratum	<u>6 19 P</u>		[REDACTED] (FRIEND)
3. Pedestrian Number	<u>0 1</u>		[REDACTED]

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

SISTER # [REDACTED]

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

## PEDESTRIAN'S DESCRIPTION OF ACCIDENT EVENTS

IN FRONT OF [REDACTED] OF ROAD

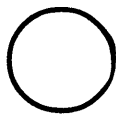
APPROX 5 FT OFF OF SHOULDER -

NR SIGN (R) -

POD RUNNING WEST ACROSS FREEWAY & RAN INTO  
LEFT SIDE OF CAR - KNOCKED HIM DOWN THE  
EMBANKMENT TO WEST -

## WITNESS DESCRIPTION OF ACCIDENT EVENTS

## ACCIDENT DIAGRAM



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.

INDICATE NORTH

PSU NUMBER  
CASE NUMBER  
YEAR

49  
619P  
1995

# PEDESTRIAN INTERVIEW FORM

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

ENTIRE FORM

PAGE NUMBER (S) 2

1. Primary Sampling Unit Number

49

3. Pedestrian Number

0 1

2. Case Number - Stratum

6 19 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?

 No Yes, explain: \_\_\_\_\_

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

 No - Go to question 3 Yes- Go to question 2a. UNK

2a. What actions did the driver take? \_\_\_\_\_

 Braking with lock-up Braking without lock-up Releasing brakes Accelerating Steering left Steering right Other (specify): \_\_\_\_\_

2b. Did the vehicle skid sideways?

 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:

 Standing/Walking/Running Crouching Kneeling Bending at the waist Other (specify): \_\_\_\_\_

6. Just before the impact, were you:

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

7. Just before the impact, were you:

 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 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): \_\_\_\_\_ No

10. What portion of the vehicle first struck you?

 The front Corner, or Side

1. Primary Sampling Unit Number

49

3. Pedestrian Number

01

2. Case Number - Stratum

619P

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 UNK
- 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): \_\_\_\_\_

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

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

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

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

16. Height, Weight, Age, and Sex?

Height 60  
Weight 240  
Age 38

Sex:

- Male
- Female

17. What kind of shoes were you wearing?

BLACK COWBOY BOOTS

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

\_\_\_\_ Ground to center of knee cap  
\_\_\_\_ Ground to top of hip bone UNK  
\_\_\_\_ Ground to top of shoulder

19. Type/Color of clothing worn?

BLACK JEANS / LT BLUE SHIRT  
DARK BLUE JACKET

20. Was an object carried or worn?

(specify): 2 SIX-PACKS OF BEER  
6 BOTTLES & 6 CANS

Go to Pedestrian Injury Data questions



1. Primary Sampling Unit Number

49

3. Pedestrian Number

0 1

2. Case Number - Stratum

6 19 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? \_\_\_\_\_ 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:)

 Not working prior to the accident UnknownNO SEND WORK

PSU Number 49 Case Number-Stratum 6 19 P Pedestrian Number 0 1

PEDESTRIAN INJURY DATA FROM INTERVIEWEE(S)

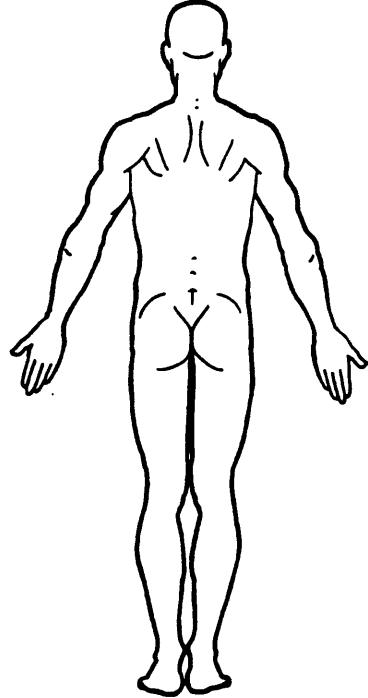
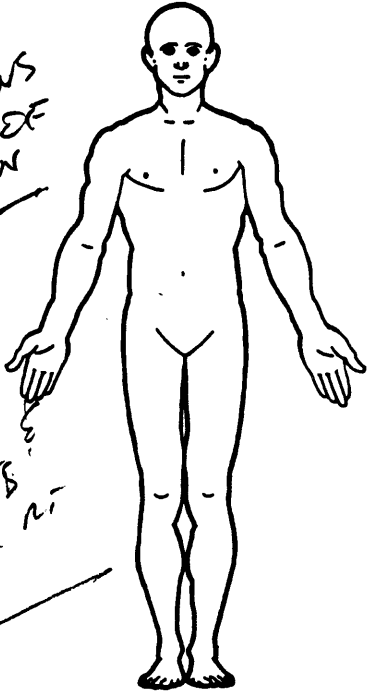
Indicate the Location, Lesion, Detail, and Source of all injuries. Specify interviewee(s): FRIEND



SOFT TISSUE/INTERNAL INJURIES

ABRASIONS  
RT SIDE OF  
ARM  
PUNCT.

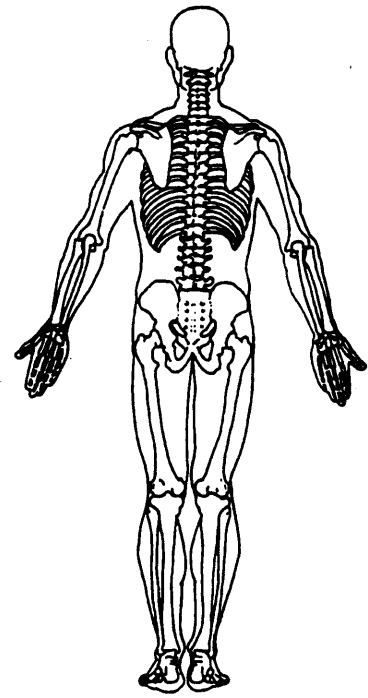
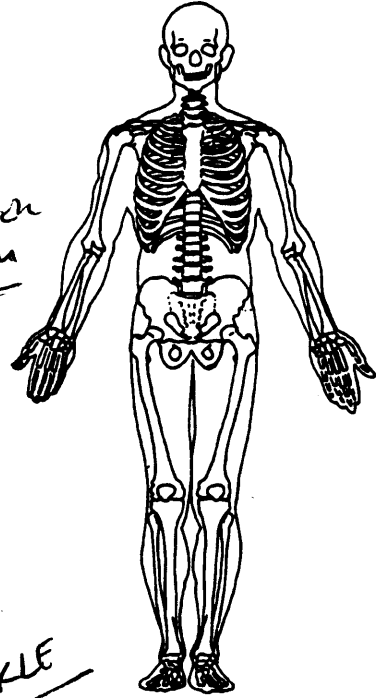
CUTS  
BRUISES  
LOWER RT  
LEG  
VI



SKELETAL INJURIES

Fx Lower  
RT ARM  
VI

SPRAIN  
② ANKLE  
LMIK





### DRIVER INTERVIEW FORM

1. Primary Sampling Unit Number	<u>49</u>	Interviewee(s) Role or Name(s):	<u>DRIVER -</u>
2. Case Number - Stratum	<u>619P</u>		<u>[REDACTED]</u>
3. Vehicle Number	<u>01</u>		<u>[REDACTED]</u>

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

S/B ON [REDACTED] IN CENTER OF THREE LANES - SAW PED WALKING WEST FROM LEFT LANE INTO CENTER LANE - HE EITHER STIPPED OR PROBABLY ALMOST STIPPED IN MIDDLE OF CENTER LANE - I CUT MY WHEEL TO RIGHT & HIT BRAKES (NO LOCKUP) & LEFT SIDE OF MY CAR HIT PED - HE ROLLED FROM LEFT SIDE OF CAR & I LOOKED IN MY REAR-VIEW MIRROR & SAW HIM LYING IN ROAD IN RT & CENTER LANES - W/RT PED IN RIGHT LANE / LOWER IN CENTER LANE - SAW HIM GET UP & WALK TO WEST SHOULDER - I PULLED OFF ON TO RT SHOULDER & STIPPED

#### OCCUPANT'S DESCRIPTION OF ACCIDENT EVENTS

[Empty lines for occupant's description of accident events]

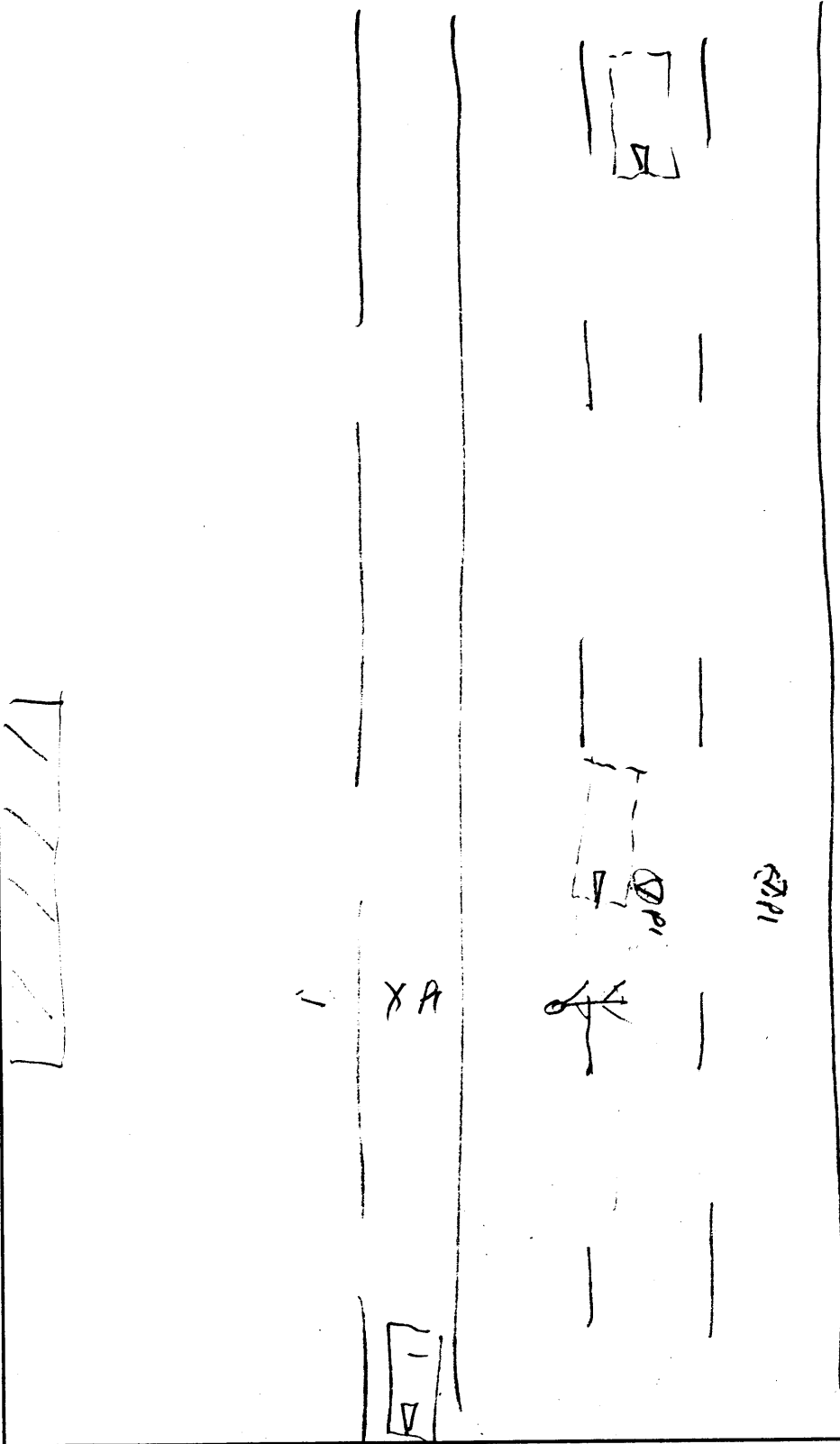
# ACCIDENT DIAGRAM



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.

INDICATE NORTH

BEST AVAILABLE COPY



1. Primary Sampling Unit Number 49 3. Vehicle Number 0 1  
 2. Case Number - Stratum 6 19 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): 1 & 2

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?

PULLED OVER TO RT SHOULDER

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

N  
 W E  
 (5)

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

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

1. Primary Sampling Unit Number

49

3. Vehicle Number

01

2. Case Number - Stratum

619P

4. Occupant Number

01

## 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 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:

NO 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?

\_\_\_\_\_

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

 No Yes

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 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

49

3. Vehicle Number

0 1

2. Case Number - Stratum

6 19 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

*SLOWED  
OR  
STOPPED*

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

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): \_\_\_\_\_

*UNIK*

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

*UNIK*

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): \_\_\_\_\_

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  
 Left foot off the ground  
 Right foot off the ground  
 Both feet off the ground  
 Other (specify): \_\_\_\_\_

*UNIK*

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

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

*BETWEEN  
LANE  
1/2*

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

Final

49619P00000011 958.0500000000000123390100001 95 96 96 95000000000  
0000000000000000 01  
49619P00010012 958.0510000000000101L72000  
49619P00010021 8.05 0000000003811835209715010913014013110049819702331019715  
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PSU49  
CASE 619P  
CURRENT VERSION: 8.05

ERROR SUMMARY SCREEN  
PEDESTRIAN STUDY

96

FORM NAME	NUMBER OF DOLLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Pedestrian Accident	0	0	0	Y
Pedestrian Assessment	0	0	0	Y
Pedestrian Injury	0	0	0	Y
Pedestrian General Vehicle	0	0	0	Y
Pedestrian Exterior Vehicle	0	0	0	Y
Total Inter Errors		0	0	
Total Case Errors	0	0	0	