



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 368-0123



**PEDESTRIAN CASE SUMMARY**

PSU 90 CASE NO. 607-P TYPE OF ACCIDENT CAR/Pedestrian/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.)  
 Vehicle #1 WAS TRAVELING NORTH ON THE ROADWAY AND PEDESTRIAN #1, A SMALL CHILD WAS RUNNING IN A EASTERLY DIRECTION. THE LEFT FRONT QUARTER OF VEHICLE #1 WAS CONTACTED BY PEDESTRIAN #1 ON HER RIGHT SIDE. PEDESTRIAN #1 RAN INTO THE LEFT FRONT QUARTER FENDER AREA AND WAS KNOCKED APPROXIMATELY 10 METERS. VEHICLE #1 CAME TO REST AT THE EDGE OF DRAINAGE DITCH. PEDESTRIAN #1 CAME TO AT ROADWAY EDGE, THE SMALL CHILD (PED. #1) RAN AWAY FROM THE MOTHER WHILE STANDING IN MIDDLE OF ROADWAY ON DOUBLE YELLOW LINE.

**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	5	Female	Transported Released	Upper Extremity	Skeletal	2	Left + front fender

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		

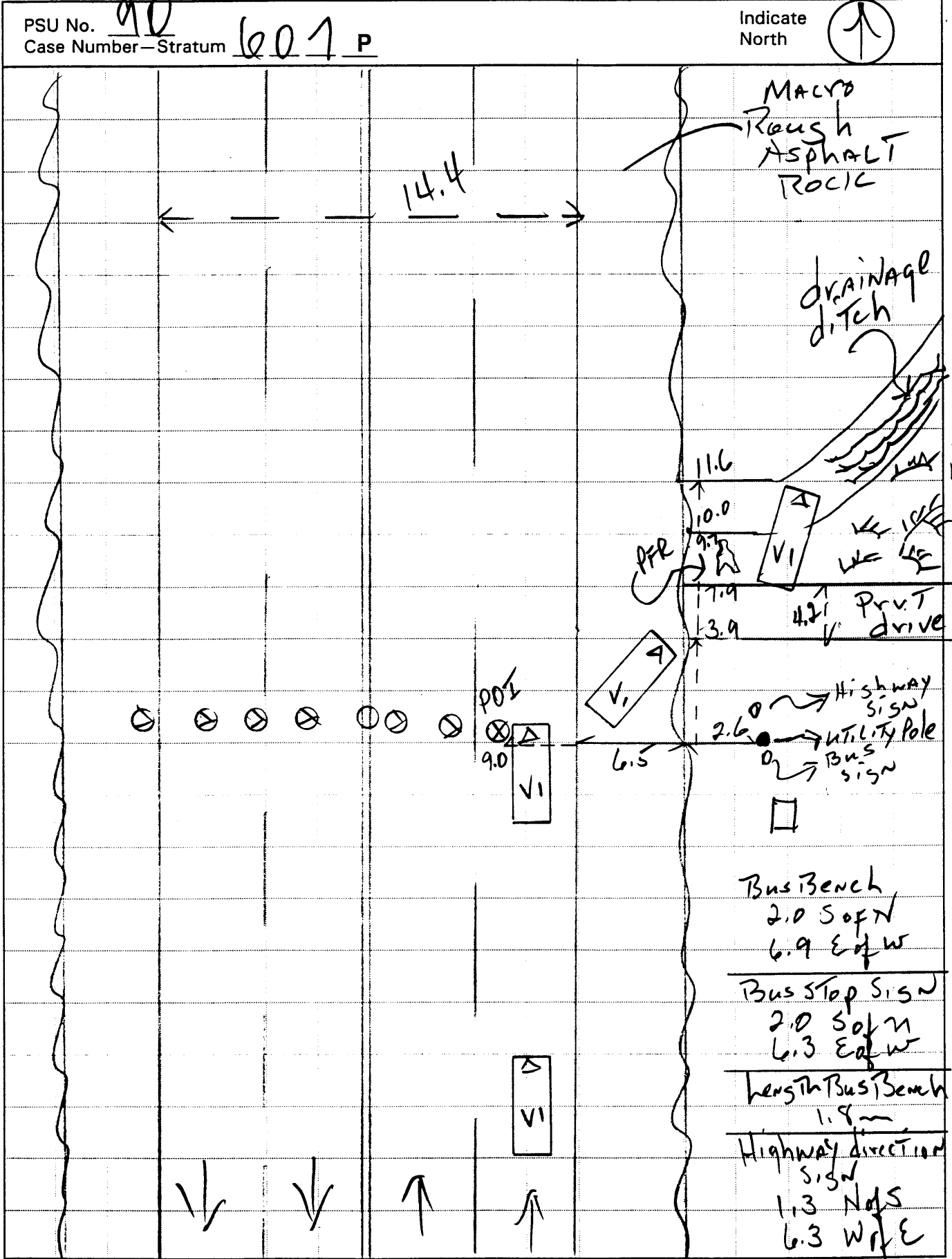
**C. VEHICLE PROFILE**

Vehicle No.	Class of Vehicle	Year/Make/Model	Most Severe Damage Based on Vehicle Inspection	
			Damage Plane	Damage Description
01	INTERMEDIATE	1994 PONTIAC GRAND PRIX	LEFT	Smudges, Scratches, Scrapes, ETC.

DO NOT SANITIZE THIS FORM



# ACCIDENT COLLISION DIAGRAM





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

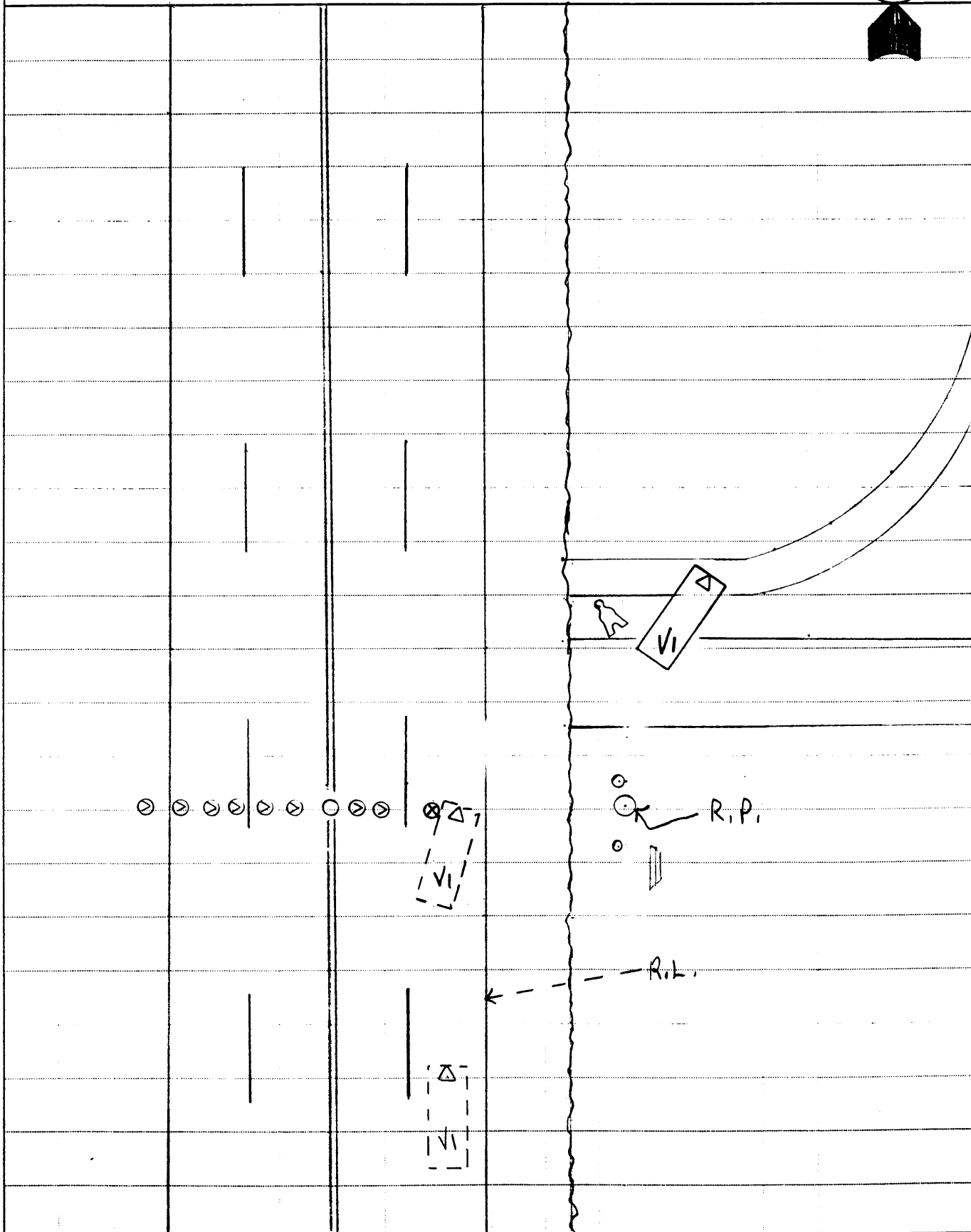
# ACCIDENT COLLISION DIAGRAM

NATIONAL ACCIDENT SAMPLING SYSTEM  
PEDESTRIAN CRASH DATA STUDY



PSU No. 90  
Case Number—Stratum 607 P

Indicate  
North

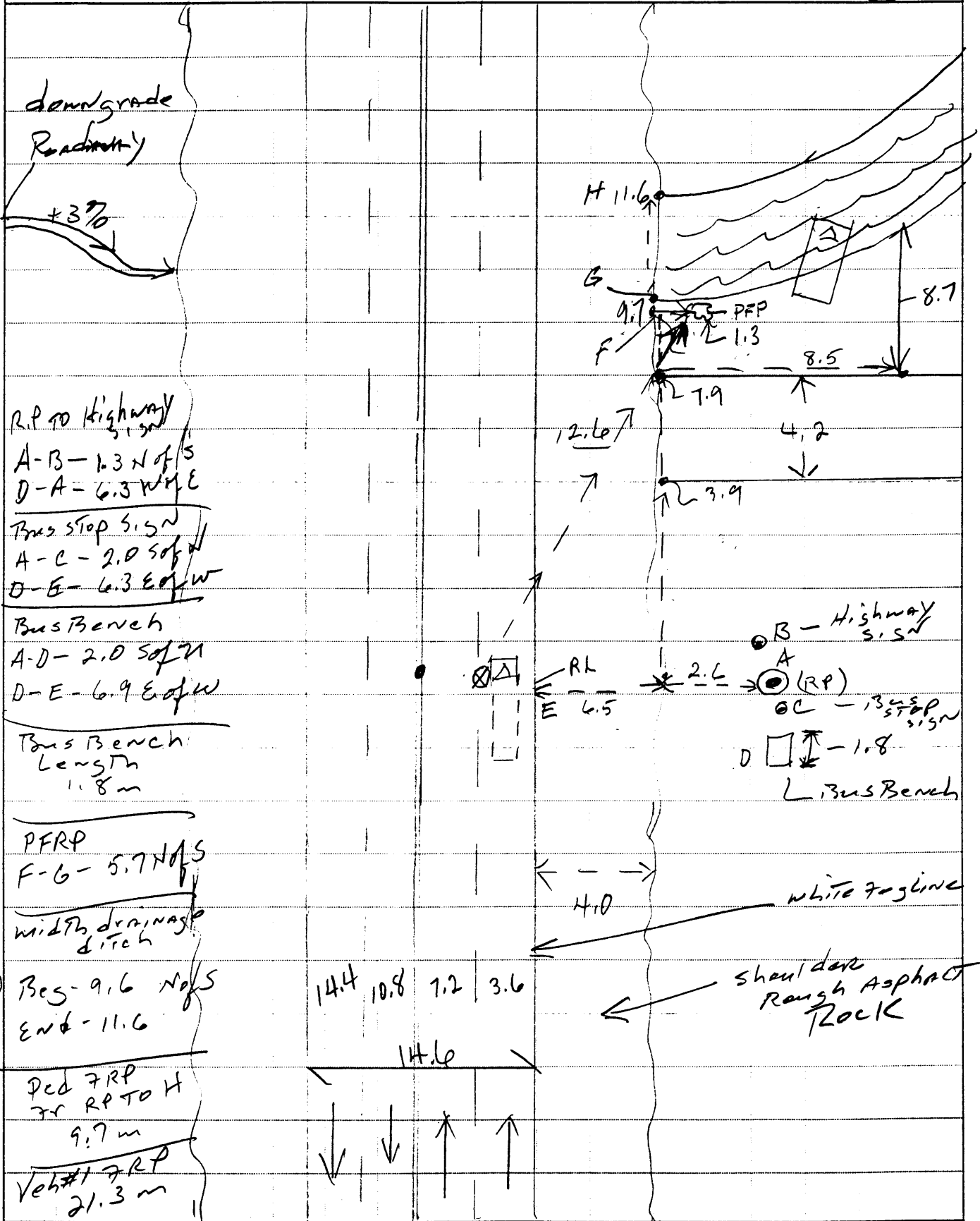




# ACCIDENT COLLISION DIAGRAM

PSU No. 90  
Case Number-Stratum 607P

Indicate  
North



# PEDESTRIAN ACCIDENT COLLISION MEASUREMENT TABLE

Primary Sampling Unit Number 90

Case Number-Stratum 607P

PEDESTRIAN ACCIDENT COLLISION DATA COLLECTION		SCALED DIAGRAM
document reference point and reference line relative to physical features	Surface Type <u>BIT/ASPHALT</u>	north arrow placed on diagram
documentation of all accident induced physical evidence including (if applicable):	Surface Condition <u>Dry</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>
	Coefficient of Friction <u>.65</u>	
a) vehicle skid marks	Grade (v/h) Measurement	<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>
b) pedestrian contacts with ground or object	a) at impact <u>2%</u>	
c) vehicle/pedestrian point of impact (POI)	b) between impact and final rest <u>2%</u>	
d) location of pedestrian separation point from vehicle	Pedestrian Travel Direction <u>EAST</u>	
f) final resting points (FRP) for pedestrian and vehicle	Vehicle Travel Direction <u>NORTH</u>	
documentation of the physical plant including:	Number of Travel Lanes <u>4</u>	
	a) all road/roadway delineation (e.g., crosswalks, curb/edge lines, lane markings, medians, pavement markings, parked vehicles, poles, signs, etc.)	
b) all traffic controls (e.g., lights, signs)		

Reference Point: UTILITY Pole  
(EAST CURB LINE)

Reference Line: EAST ROADWAY  
EDGE FOG LINE

Item	Distance and Direction from Reference Point	Distance and Direction from Reference Line
Reference Point (UTILITY Pole)	0.0	6.5m EAST
Pedestrian #1 - P.O.I.	14.0m West	6.5m West
Vehicle #1 - P.O.I.	14.0m West	6.5m West
Pedestrian #1 - F.R.P.	9.7m North	1.3m EAST
Vehicle #1 - F.R.P.	8.0m North	10.0m EAST
* NO PHYSICAL EVIDENCE REMAINED AT SCENE.		





**PEDESTRIAN ACCIDENT FORM** NATIONAL ACCIDENT SAMPLING SYSTEM  
PEDESTRIAN CRASH DATA STUDY

<p>1. Primary Sampling Unit Number <u>90</u></p> <p>2. Case Number - Stratum <u>607P</u></p>	<b>SPECIAL STUDIES - INDICATORS</b>
<b>IDENTIFICATION</b>	
<p>3. Number of General Vehicle Forms Submitted <u>01</u></p> <p>4. Date of Accident (Month, Day, Year) <u>6/9/95</u></p> <p>5. Time of Accident <u>1255</u></p> <p>Code reported military time of accident.</p> <p>NOTE: Midnight = 2400 Unknown = 9999</p>	<p>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.</p> <p>6. ___ SS15 Administrative Use <u>0</u></p> <p>7. <input checked="" type="checkbox"/> SS16 Pedestrian Crash Data Study <u>1</u></p> <p>8. ___ SS17 Impact Fires <u>0</u></p> <p>9. ___ SS18 _____ <u>0</u></p> <p>10. ___ SS19 _____ <u>0</u></p>
<b>NUMBER OF EVENTS</b>	
<p>11. Number of Recorded Events in This Accident <u>01</u></p>	

**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>03</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>90</u>	10. Pedestrian's Weight Code actual weight to the nearest kilogram. (999) Unknown	<u>016</u>
2. Case Number - Stratum	<u>607P</u>	<u>035</u> pounds X .4536 = <u>016</u> kilograms	
3. Pedestrian Number	<u>01</u>		

## PEDESTRIAN'S CHARACTERISTICS

## PEDESTRIAN'S PRE-AVOIDANCE ACTIONS

4. Pedestrian's Age Code actual age at time of accident. (00) Less than one year old (specify by month):  (97) 97 years and older (99) Unknown	<u>05</u>	11. Pedestrian Attitude (1) Standing (2) Crouching (3) Kneeling (4) Bending at waist (8) Other (specify): _____ (9) Unknown	<u>1</u>
5. Pedestrian's Sex (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	<u>2</u>	12. Pedestrian Motion (0) Not moving (1) Walking slowly (2) Walking rapidly (3) <u>Running</u> or jogging (4) Hopping (5) Skipping (6) Jumping (7) Falling/stumbling or rising (8) Other (specify): _____ (9) Unknown	<u>3</u>
6. Pedestrian's Overall Height Code actual height to the nearest centimeter. (999) Unknown <i>(Mother Provided Info.)</i>	<u>167</u>	13. Pedestrian's Action Relative to Vehicle (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	<u>01</u>
7. Pedestrian's Height - Ground to Knee Code to the nearest centimeter. (999) Unknown <i>47.5</i>	<u>48</u> <del>99</del>	14. Pedestrian's Body (Chest) Orientation Relative to Striking Vehicle Prior to Avoidance Actions (1) Facing vehicle (2) Facing away (3) Left side to vehicle (4) Right side to vehicle (8) Other (specify): _____ (9) Unknown	<u>4</u>
8. Pedestrian's Height - Ground to Hip Code to the nearest centimeter. (999) Unknown <i>38.5</i>	<u>089</u> <del>999</del>		
9. Pedestrian's Height - Ground to Shoulder Code to the nearest centimeter. (999) Unknown <i>136.6</i>	<u>137</u> <del>999</del>		

2.c. rest of chart

**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

18. Pedestrian's Arm Orientation at Initial Impact 09

- (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.) *- dell*
- (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 03

- (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

**PEDESTRIAN'S ORIENTATION AT IMPACT**16. Pedestrian's Head Orientation at Initial Impact 3

- (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 4

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

20. Vehicle/Pedestrian's Interaction 09

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

22. Alcohol Test Result For Pedestrian Code actual value (decimal implied before first digit—0.xx) 96  
 (95) Test refused  
 (96) None given  
 (97) AC (Alcohol Content) test performed, results unknown  
 (99) Unknown if test given

Source: police report

23. Police Reported Other Drug Presence For Pedestrian 0  
 (0) No other drug(s) present  
 (1) Yes other drug(s) present  
 (7) Not reported  
 (9) Unknown

24. Other Drug Specimen Test Result For Pedestrian 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  
 (9) Unknown

25. Injury Severity (Police Rating) 3  
 (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

26. Treatment - Mortality 34  
 (0) No treatment  
 (1) Fatal  
 (2) Fatal - ruled disease (specify): \_\_\_\_\_

*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) 2  
 (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

28. Hospital Stay 0100  
 (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

29. Working Days Lost 97  
 \_\_\_\_\_ 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

**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  
 (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 09

\_\_\_\_\_ 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 [ ]



# PEDESTRIAN INJURY FORM

1. Primary Sampling Unit Number <u>90</u>	3. Pedestrian Number <u>0 1</u>
2. Case Number - Stratum <u>6 07 P</u>	4. Blank <u>X X</u>

## INJURY DATA

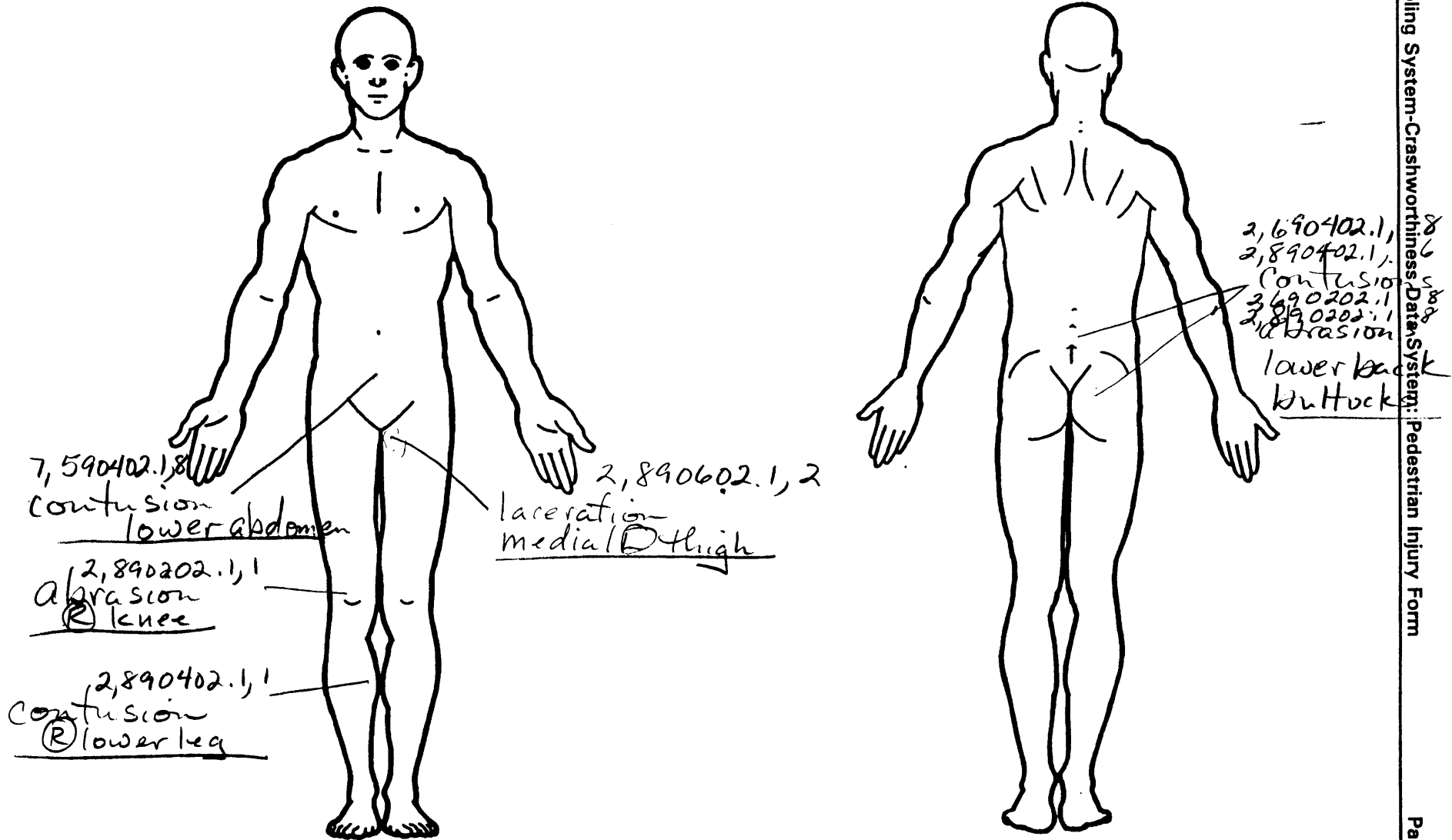
Record below the actual injuries sustained by this pedestrian in **CHRONOLOGICAL** order that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than twenty-five injuries have been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

	AIS-90											Injury Source	Confidence Level	Direct/Indirect Injury	Striking Profile	Type Of Damage	Damage Depth
	Source of Injury Data	Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source									
1st	5. <u>2</u>	6. <u>8</u>	7. <u>9</u>	8. <u>04</u>	9. <u>02</u>	10. <u>1</u>	11. <u>1</u>	12. <u>790</u>	13. <u>2</u>	14. <u>1</u>	15. <u>3</u>	16. <u>1</u>	17. <u>1</u>				
2nd	18. <u>2</u>	19. <u>8</u>	20. <u>9</u>	21. <u>02</u>	22. <u>02</u>	23. <u>1</u>	24. <u>1</u>	25. <u>790</u>	26. <u>2</u>	27. <u>1</u>	28. <u>3</u>	29. <u>1</u>	30. <u>1</u>				
3rd	31. <u>7</u>	32. <u>5</u>	33. <u>9</u>	34. <u>04</u>	35. <u>02</u>	36. <u>1</u>	37. <u>8</u>	38. <u>790</u>	39. <u>2</u>	40. <u>1</u>	41. <u>3</u>	42. <u>1</u>	43. <u>1</u>				
4th	44. <u>2</u>	45. <u>7</u>	46. <u>5</u>	47. <u>26</u>	48. <u>02</u>	49. <u>2</u>	50. <u>1</u>	51. <u>720</u>	52. <u>2</u>	53. <u>1</u>	54. <u>2</u>	55. <u>2</u>	56. <u>2</u>				
5th	57. <u>2</u>	58. <u>8</u>	59. <u>9</u>	60. <u>06</u>	61. <u>02</u>	62. <u>1</u>	63. <u>2</u>	64. <u>720</u>	65. <u>2</u>	66. <u>1</u>	67. <u>4</u>	68. <u>1</u>	69. <u>1</u>				
6th	70. <u>2</u>	71. <u>6</u>	72. <u>9</u>	73. <u>04</u>	74. <u>02</u>	75. <u>1</u>	76. <u>8</u>	77. <u>947</u>	78. <u>1</u>	79. <u>1</u>	80. <u>0</u>	81. <u>0</u>	82. <u>0</u>				
7th	83. <u>2</u>	84. <u>8</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>2</u>	97. <u>6</u>	98. <u>9</u>	99. <u>02</u>	100. <u>02</u>	101. <u>1</u>	102. <u>8</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>2</u>	110. <u>8</u>	111. <u>9</u>	112. <u>02</u>	113. <u>02</u>	114. <u>1</u>	115. <u>1</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>  </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.)





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

### 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	(06) 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		(7) Injured, unknown severity
(8) Lower Extremity	(30) Crush	<b>Level of Injury</b>	
(9) Unspecified	(40) Degloving	Specific injuries are assigned consecutive two-digit numbers beginning with 02.	<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	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.	(5) Anterior
(5) Skeletal (includes joints)	(10) Concussion		(6) Posterior
(6) Head - LOC			(7) Superior
(9) Skin			(8) Inferior
			(9) Unknown
			(0) Whole region

### INJURY SOURCE

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

# 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 = 0

Glasgow Coma Scale Score

GCSS = 15

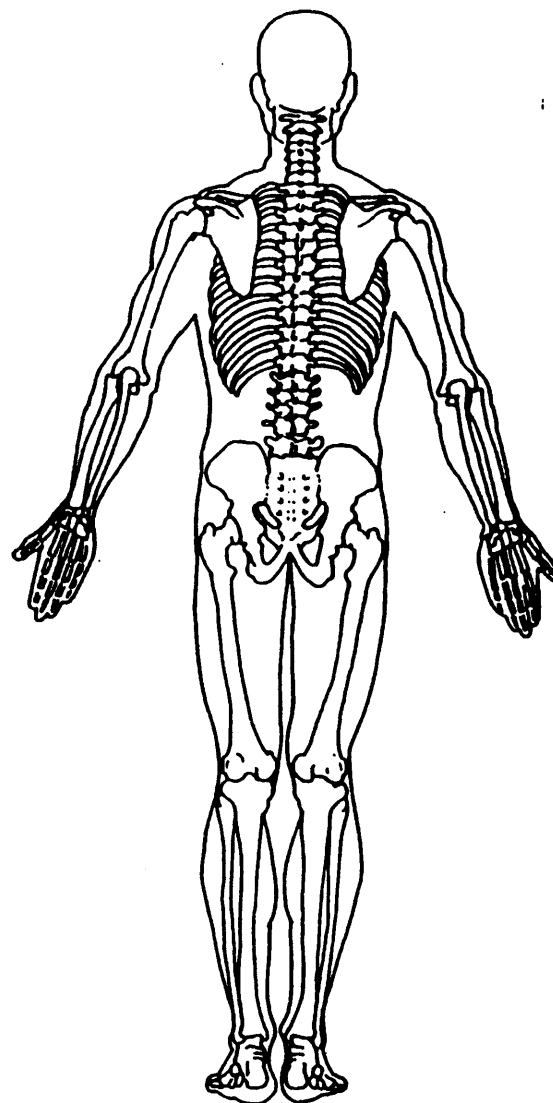
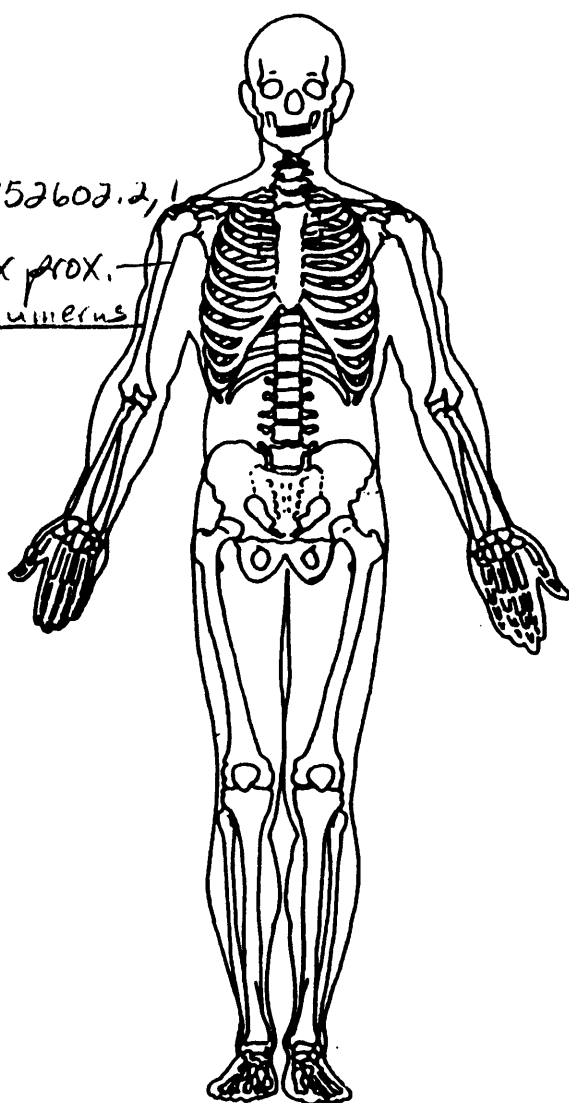
2, 752602.2, 1  
 Lx prox.  
 (R) humerus

Units of Blood Given

Units = 0

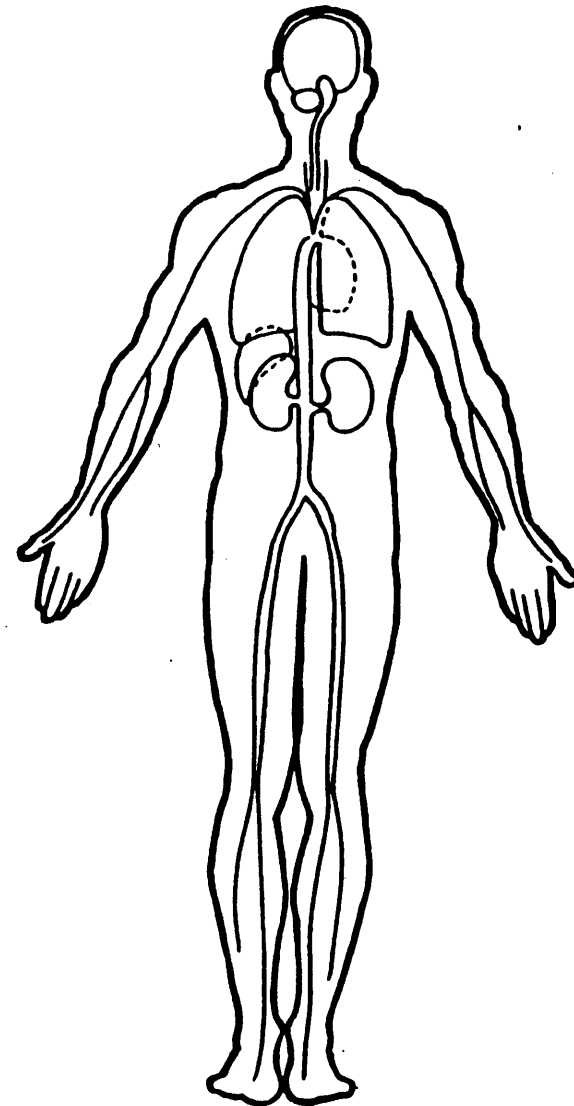
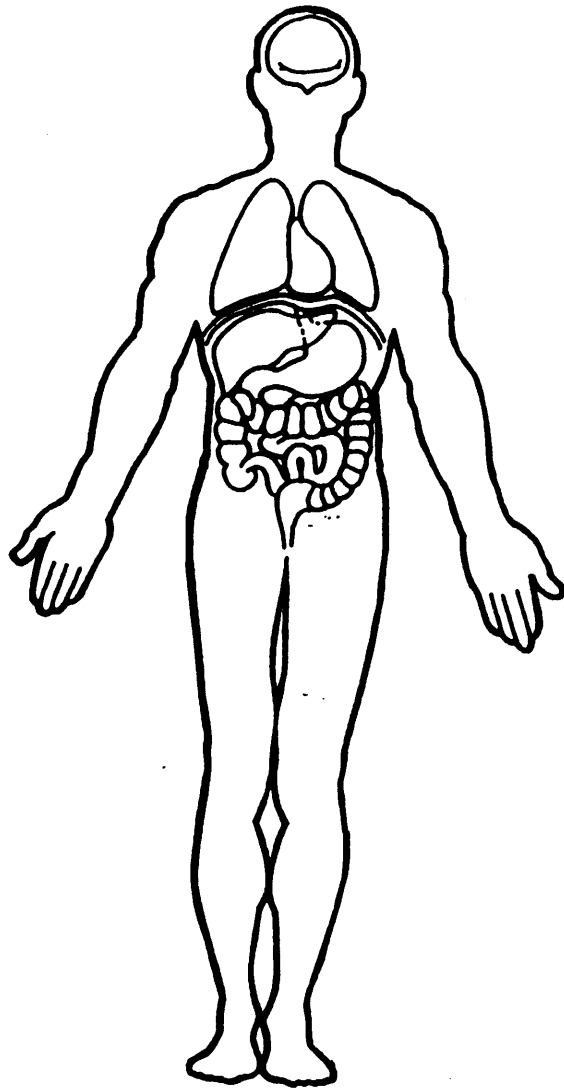
Arterial Blood Gases

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



## 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 90  
 2. Case Number - Stratum 607P  
 3. Vehicle Number 01

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

**VEHICLE IDENTIFICATION**

4. Vehicle Model Year 94  
 Code the last two digits of the model year  
 (99) Unknown

00 mph X 1.6093 = 000 kmph

10. Speed Limit 064  
64.3  
 (000) No statutory limit  
 Code posted or statutory speed limit in kmph  
 (999) Unknown

5. Vehicle Make (specify): 22  
PONTIAC  
 Applicable codes are found in your NASS PCDS Data Collection, Coding and Editing Manual.  
 (99) Unknown

40 mph X 1.6093 = 64.3 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

6. Vehicle Model (specify): 018  
GRAND PRIX (SE)  
 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

7. Body Type 04  
 Note: Applicable codes may be found on the back of this page.

Source: PAR

8. Vehicle Identification Number  
1G2WJ52M4RF  
 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 (Ø 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 1,530  
 Code weight to nearest 10 kilograms.  
 (045) Less than 450 kilograms  
 (610) 6,100 kilograms or more  
 (999) Unknown

03,370 lbs X .4536 = 1,529 kgs

Source: \_\_\_\_\_

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

00,000 lbs X .4536 = 0,000 kgs

**OTHER DATA**

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

**RECONSTRUCTION DATA**

18. Impact Speed 055  
 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

**PRECRASH 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 01  
 (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

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

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 5

- (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

<p>27. Relation to Junction <u>0</u></p> <p>(0) Non-junction (1) Interchange area</p> <p><i>Non-Interchange</i></p> <p>(2) Intersection (3) Intersection-related (4) Drive, alley access related (5) Other non-interchange (specify): _____</p> <p>(6) _____ (9) Unknown if interchange</p>	<p>33. Roadway Surface Condition <u>1</u></p> <p>(1) Dry (2) Wet (3) Snow and slush (4) Ice (5) Sand, dirt or oil (8) Other (specify): _____ (9) Unknown</p>
<p>28. Trafficway Flow <u>1</u></p> <p>(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</p>	<p>34. Traffic Control Device <u>0</u></p> <p>(0) No traffic control(s) (1) Trafficway traffic control signal (not RR crossing)</p> <p><i>Regulatory or School Zone Sign (Not RR Crossing)</i></p> <p>(2) Stop sign (3) Yield sign (4) School zone sign (5) Other sign (specify): _____</p> <p>(6) _____ (7) Warning sign (not RR crossing) (8) Miscellaneous/other controls including RR controls (specify): _____ (9) Unknown</p>
<p>29. Number of Travel Lanes <u>4</u></p> <p>(1) One (2) Two (3) Three (4) Four (5) Five (6) Six (7) Seven or more (9) Unknown</p>	<p>35. Traffic Control Device Functioning <u>0</u></p> <p>(0) No traffic control (1) Not Functioning (2) Functioning (9) Unknown</p>
<p>30. Roadway Alignment <u>1</u></p> <p>(1) Straight (2) Curve right (3) Curve left (9) Unknown</p>	<p>36. Light Conditions <u>1</u></p> <p>(1) Daylight (2) Dark (3) Dark, but lighted (4) Dawn (5) Dusk (9) Unknown</p>
<p>31. Roadway Profile <u>3</u></p> <p>(1) Level (2) Uphill Grade (&gt; 2%) (3) Downhill Grade (&gt; 2%) (4) Hillcrest (5) Sag (9) Unknown</p>	<p>37. Atmospheric Conditions <u>1</u></p> <p>(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</p>
<p>32. Roadway Surface Type <u>2</u></p> <p>(1) Concrete (2) Bituminous (asphalt) (3) Brick or Block (4) Slag, gravel or stone (5) Dirt (8) Other (specify): _____</p> <p>(9) Unknown</p>	



196

90-607

94 Grand Prix

25-YOIF

5-YOIF


POI to FRP 23.5m = 77.1 ft

f = 0.5 average

$$V = \sqrt{2sfq}$$
$$= \sqrt{(2)(77.1)(0.5)(32.2)}$$

$$= 49.8 \text{ FPS} = 33.9 \text{ mph} = 54.5 \text{ KPH}$$

55 KPH





1. Primary Sampling Unit Number	<u>90</u>	3. Vehicle Number	<u>01</u>
2. Case Number - Stratum	<u>607P</u>		

**VEHICLE IDENTIFICATION**

VIN 1G2WJ52M4RF ~~XXXXXXXXXX~~ Model Year 94  
 Vehicle Make (specify): PONTIAC Vehicle Model (specify): GRAND PRIX (SE)

**PEDESTRIAN FRONT CONTACT WORK SHEET**

\* FRONT MEASUREMENT TAKEN, IF NEEDED  
Steel

PEV06 Hood Material	<u>Steel</u>
PEV08 Hood Length	<u>116</u> cm
PEV09 Hood Width-Forward Opening	<u>140</u> cm
PEV10 Hood Width-Midway	<u>147</u> cm
PEV11 Hood Width-Rear Opening	<u>152</u> cm
PEV14 Front Bumper Cover Material	<u>Rubber</u>
PEV15 Front Bumper Reinforcement Material	<u>FOAM</u>

**VERTICAL MEASUREMENTS**

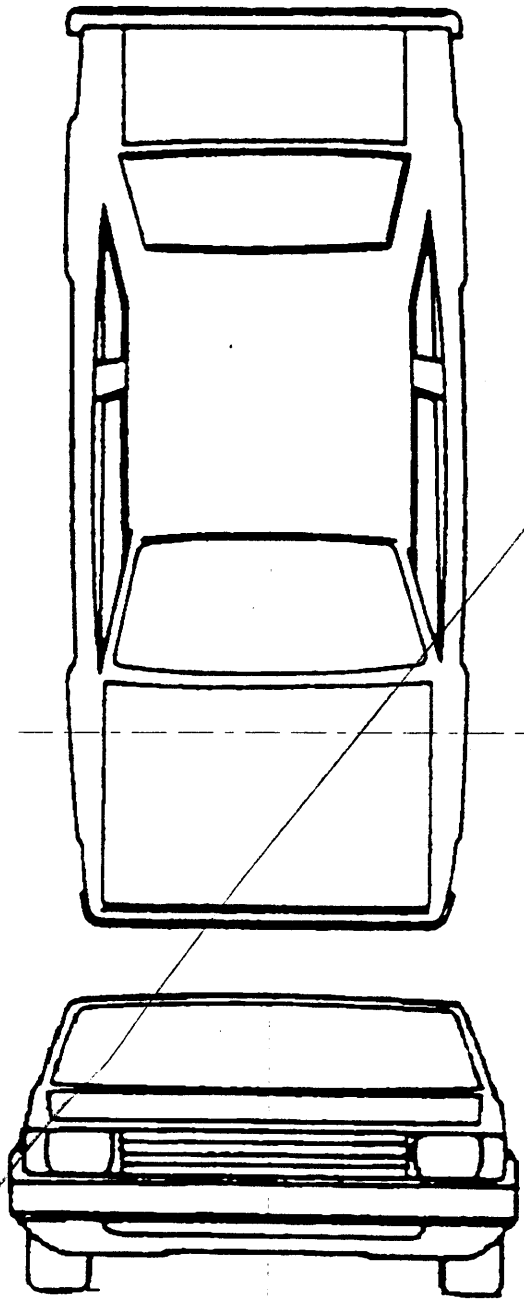
no used

PEV16 Front Bumper-Bottom Height	<u>037</u> cm
PEV17 Front Bumper-Top Height	<u>058</u> cm
PEV18 Forward Hood Opening	<u>081</u> cm
PEV19 Front Bumper Lead	<u>008</u> cm

**WRAP DISTANCES**

PEV20 Ground to Forward Hood Opening	<u>083</u> cm
PEV21 Ground to Front/Top Transition Point	<u>085</u> cm
PEV22 Ground to Rear Hood Opening	<u>198</u> cm
PEV23 Ground to Base of Windshield	<u>203</u> cm
PEV24 Ground to Top of Windshield	<u>281</u> cm
PEV25 Ground to Head Contact	<u>N/A</u> cm

### 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: 172 cm

## PEDESTRIAN SIDE CONTACT WORK SHEET

PEV06 Hood Material

Steel

PEV08 Hood Length

116 cm

PEV09 Hood Width-Forward Opening

140 cm

PEV10 Hood Width-Midway

147 cm

PEV11 Hood Width-Rear Opening

152 cm

### VERTICAL MEASUREMENTS

PEV26 Ground Clearance

025 cm

PEV27 Side Bumper-Bottom Height

<sup>049</sup>  
~~058~~ cm

PEV28 Side Bumper-Top Height

<sup>58</sup>  
~~049~~ cm

PEV29 Centerline of Wheel

031 cm

PEV30 Top of Tire

065 cm

PEV31 Top of Wheel Well Opening

073 cm

PEV32 Bottom of A-Pillar at Windshield

092 cm

PEV33 Top of A-Pillar at Windshield

132 cm

PEV34 Top of Side View Mirror

102 cm

### LATERAL MEASUREMENTS

PEV35 C<sub>L</sub> to A-Pillar at Bottom of Windshield080 cmPEV36 C<sub>L</sub> to A-Pillar at Top of Windshield065 cmPEV37 C<sub>L</sub> to Maximum Side View Mirror Protrusion100 cm

### WRAP DISTANCES

PEV38 Ground to Side/Top Transition

093 cm

PEV39 Ground to Hood Edge

097 cm

PEV40 Ground to Centerline of Hood (ORIGIN)

170 cm

PEV41 Ground to Head Contact

N/A cm

## ORIGINAL SPECIFICATIONS

Wheelbase	<u>1 0 7.5</u> inches	x 2.54 =	<u>2 7 3</u> cm
Overall Length	<u>1 9 4.9</u> inches	x 2.54 =	<u>4 9 5</u> cm
Maximum Width	<u>0 7 1.9</u> inches	x 2.54 =	<u>1 8 3</u> cm
Curb Weight	<u>0 3.3 7 0</u> pounds	x .4536 =	<u>1.5 2 9</u> kg
Average Track	<u>0 5 8.7</u> inches	x 2.54 =	<u>1 4 9</u> cm
Front Overhang	<u>0 4 4.0</u> inches	x 2.54 =	<u>1 1 2</u> cm
Rear Overhang	<u>0 4 2.5</u> inches	x 2.54 =	<u>1 0 8</u> cm
Undeformed End Width	<u>0 5 8.2</u> inches	x 2.54 =	<u>1 4 8</u> cm
Engine Size: cyl./displ.	<u>3 1 0 0</u> cc	x .001 =	<u>3.1</u> L
	<u>1 8 9</u> CID	x .0164 =	<u>3.1</u> 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

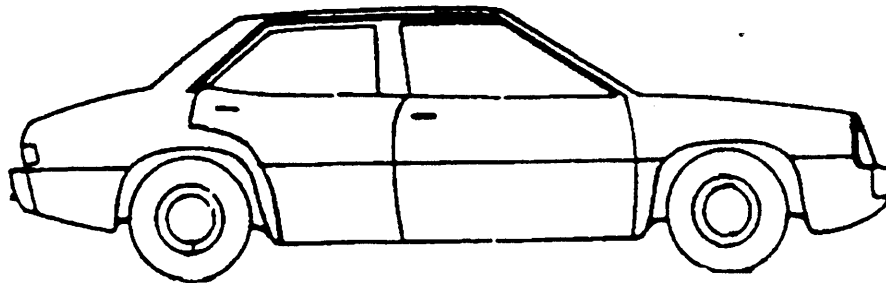
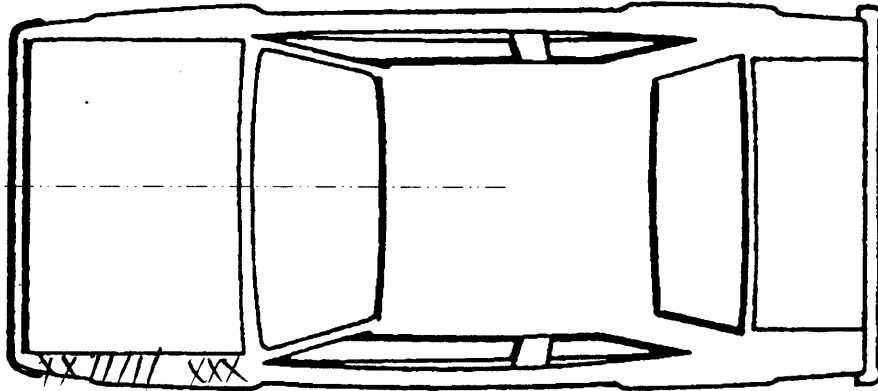
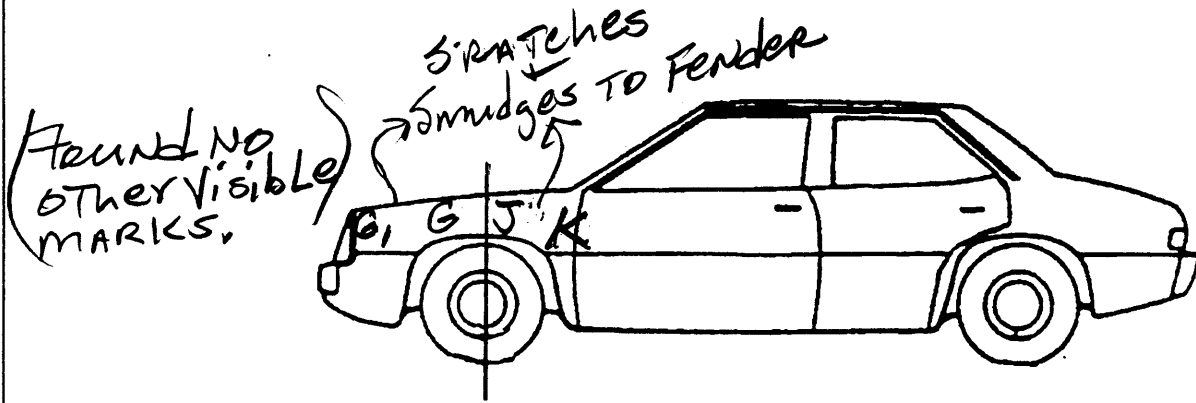
### Accessories

- 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: 172 cm







**VEHICLE DIMENSIONS**

4. Original Wheelbase 273  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (999) Unknown

107.4 inches X 2.54 = 273 centimeters

5. Original Average Track Width 149  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (185) 185 centimeters or more  
 (999) Unknown

058.6 inches X 2.54 = 149 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 116  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (180) 180 centimeters or more  
 (999) Unknown

045.6 inches X 2.54 = 116 centimeter

9. Hood Width Forward Opening 140  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (210) 210 centimeters or more  
 (999) Unknown

055.1 inches X 2.54 = 140 centimeters

10. Hood Width Midway 147  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (210) 210 centimeters or more  
 (999) Unknown

057.8 inches X 2.54 = 147 centimeters

11. Hood Width Rear Opening 152  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (210) 210 centimeters or more  
 (999) Unknown

059.8 inches X 2.54 = 152 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 From Pedestrian Contact 0  
 (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

014.5 inches X 2.54 = 037 centimeters

17. Front Bumper-Top Height 0 0 0  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (150) 150 centimeters or more  
 (999) Unknown

027.0 inches X 2.54 = 056 centimeters

18. Forward Hood Opening 0 0 0  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (200) 200 centimeters or more  
 (999) Unknown

027.1 inches X 2.54 = 069 centimeters

19. Front Bumper Lead 0 0  
 (00) No front contact  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (30) 30 centimeters or more  
 (99) Unknown

003.1 inches X 2.54 = 008 centimeters

23. Ground to Base of Windshield 0 0 0  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (400) 400 centimeters or more  
 (999) Unknown

068.5 inches X 2.54 = 174 centimeters

24. Ground to Top of Windshield 0 0 0  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (500) 500 centimeters or more  
 (999) Unknown

101.5 inches X 2.54 = 258 centimeters

25. Ground To Head Contact 0 0 0  
 \_\_\_\_\_ 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

20. Ground to Forward Hood Opening 0 0 0  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (200) 200 centimeters or more  
 (999) Unknown

055.1 inches X 2.54 = 140 centimeters

21. Ground to Front/Top Transition Point 0 0 0  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (180) 180 centimeters or more  
 (999) Unknown

033.8 inches X 2.54 = 086 centimeters

22. Ground to Rear Hood Opening 0 0 0  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (400) 400 centimeters or more  
 (999) Unknown

045.3 inches X 2.54 = 166 centimeters

## SIDE CONTACT DAMAGE

## Side Vertical Measurements

26. Ground Clearance 0 2 5  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (150) 150 centimeters or more  
 (999) Unknown

009.8 inches X 2.54 = 025 centimeters

27. Side Bumper-Bottom Height 0 4 9  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (150) 150 centimeters or more  
 (999) Unknown

019.2 inches X 2.54 = 049 centimeters

28. Side Bumpér-Top Height 0 5 8  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (150) 150 centimeters or more  
 (999) Unknown

023.2 inches X 2.54 = 058 centimeters

29. Centerline of Wheel 031  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (150) 150 centimeters or more  
 (999) Unknown

022.5 inches X 2.54 = 031 centimeters

30. Top of Tire 065  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (200) 200 centimeters or more  
 (999) Unknown

027.8 inches X 2.54 = 065 centimeters

31. Top of Wheel Well Opening 073  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (250) 250 centimeters or more  
 (999) Unknown

028.7 inches X 2.54 = 073 centimeters

32. Bottom of A-Pillar at Windshield 092  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (250) 250 centimeters or more  
 (999) Unknown

036.2 inches X 2.54 = 092 centimeters

33. Top of A-Pillar at Windshield 132  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (300) 300 centimeters or more  
 (999) Unknown

051.9 inches X 2.54 = 132 centimeters

34. Top of Side View Mirror 102  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (300) 300 centimeters or more  
 (999) Unknown

040.1 inches X 2.54 = 102 centimeters

## Side Lateral Measurements

35. Centerline to A-Pillar  
 at Bottom of Windshield 080  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (250) 250 centimeters or more  
 (999) Unknown

031.4 inches X 2.54 = 080 centimeters

36. Centerline to A-Pillar  
 at Top of Windshield 065  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (250) 250 centimeters or more  
 (999) Unknown

025.5 inches X 2.54 = 065 centimeter

37. Centerline to Maximum Side  
 View Mirror Protrusion 100  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (300) 300 centimeters or more  
 (999) Unknown

039.3 inches X 2.54 = 100 centimeter

## Side Wrap Distance Measurements

38. Ground to Side/Top Transition 093  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (400) 400 centimeters or more  
 (999) Unknown

036.6 inches X 2.54 = 093 centimeters

39. Ground to Hood Edge 097  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (500) 500 centimeters or more  
 (999) Unknown

038.1 inches X 2.54 = 097 centimeters

40. Ground to Centerline of Hood

170

Code to the nearest centimeter

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

066.9 inches X 2.54 = 170 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

Sunal

90607P00000011[REDACTED]969.000000000000001125501000010[REDACTED]96 [REDACTED]96[REDACTED]960000000000  
0000000000000000 01  
90607P00010012[REDACTED]969.00100000000000103L72000  
90607P00010021 9.00 0000000000521674808913701613014003409030909600332019715  
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90607P00010231 9.00 00000000028902021179021311  
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90607P01000041 9.00 0000000009422018041G2WJ52M4RF[REDACTED]99906409600153000005  
52110180092201413210011  
90607P01000051 9.00 0000000002731493111614014715210000000000000000000000000000  
0000000025049058031065073092132102080065100093097170998  
90607P9999999900  
00002000000000

PEDESTRIAN ASSESSMENT Occupant: 1

11

INTRA ERRORS

OHH0021 2 Given PEDESTRIAN AGE PAS04 and PEDESTRIAN SEX PAS05  
HH0022 PEDESTRIAN HEIGHT PAS06 is questionable. See Table A1.

HH0071 2 Given OVERALL HEIGHT PAS06 and PEDESTRIAN SEX PAS05,  
HH0072 PEDESTRIAN WEIGHT PAS10 is questionable. See Table A2.

0

PSU90  
CASE 607P  
CURRENT VERSION: 9.00

ERROR SUMMARY SCREEN  
PEDESTRIAN STUDY

[REDACTED]/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	2	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	2	