



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 90 CASE NO. 629P TYPE OF ACCIDENT CAR/PEDESTRIAN MOVING IN ROAD WITH TRAFFIC

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 IN THE LEFT LANE. PEDESTRIAN #1 WAS WALKING IN THE LEFT TRAFFIC LANE IN A NORTHERLY DIRECTION, WITH TRAFFIC. Vehicle #1 hit PEDESTRIAN #1 FROM THE REAR.

The PEDESTRIAN WAS ROTATED ONTO THE HOOD AND SLID INTO THE WINDSHIELD AND THEN ONTO THE ROOF OF VEHICLE. THE PEDESTRIAN WAS CARRIED ON THE ROOF FOR APPROXIMATELY 10 TO 15 METERS. THE PEDESTRIAN ROLLED OFF THE ROOF OF VEHICLE AND CAME TO FINAL REST IN THE LEFT TRAFFIC LANE. THE VEHICLE CAME TO REST AFTER FINAL REST OF THE PEDESTRIAN.

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	57	MALE	FATAL	Head	Organs	6	windshield cow 1 (area)

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

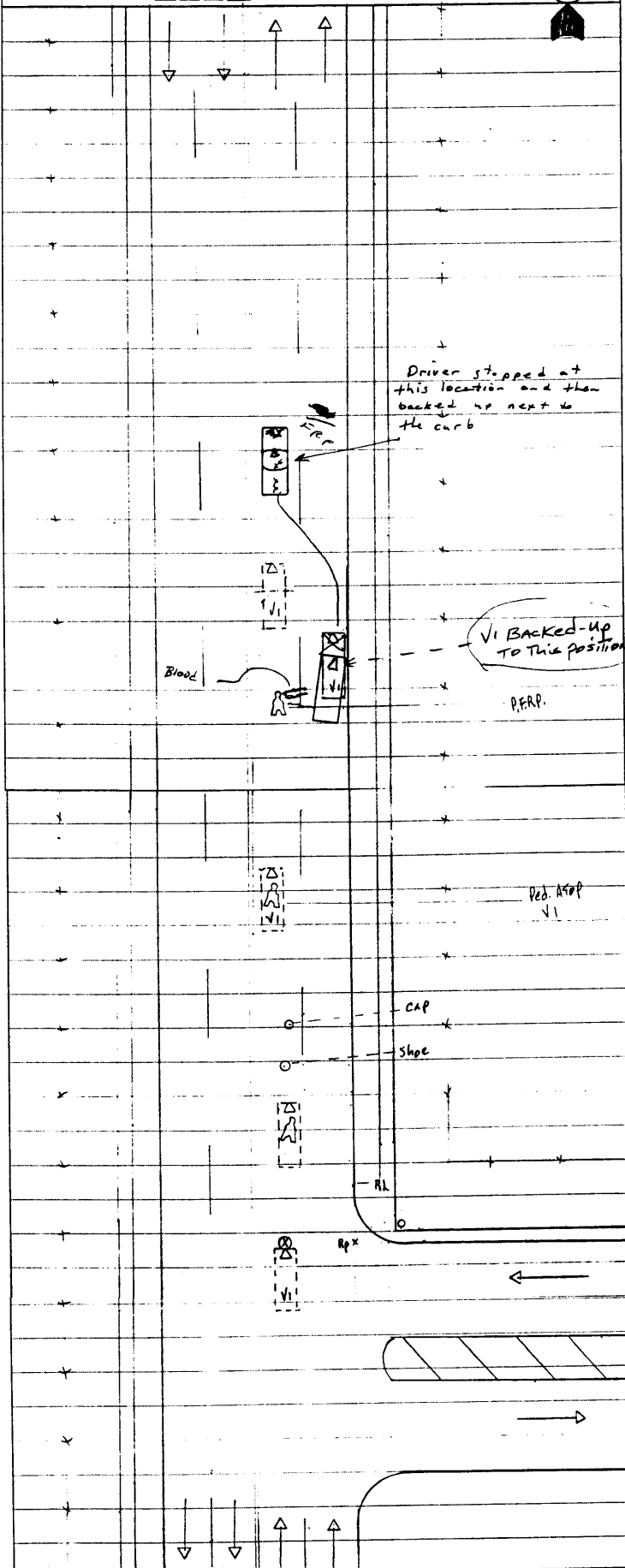
Vehicle No.	Class of Vehicle	Year/Make/Model	Most Severe Damage Based on Vehicle Inspection	
			Damage Plane	Damage Description
01	Sub-Compact	1996 CHEVROLET CAVALIER	FRONT	SPIDER WEB WINDSHIELD, DENTS, BLOOD SPOTS, SCRATCHES, SMUDGES, SMEARS, ETC.

DO NOT SANITIZE THIS FORM

ACCIDENT COLLISION DIAGRAM

PSU No. 90
Case Number-Stratum 629 P

Indicate
North

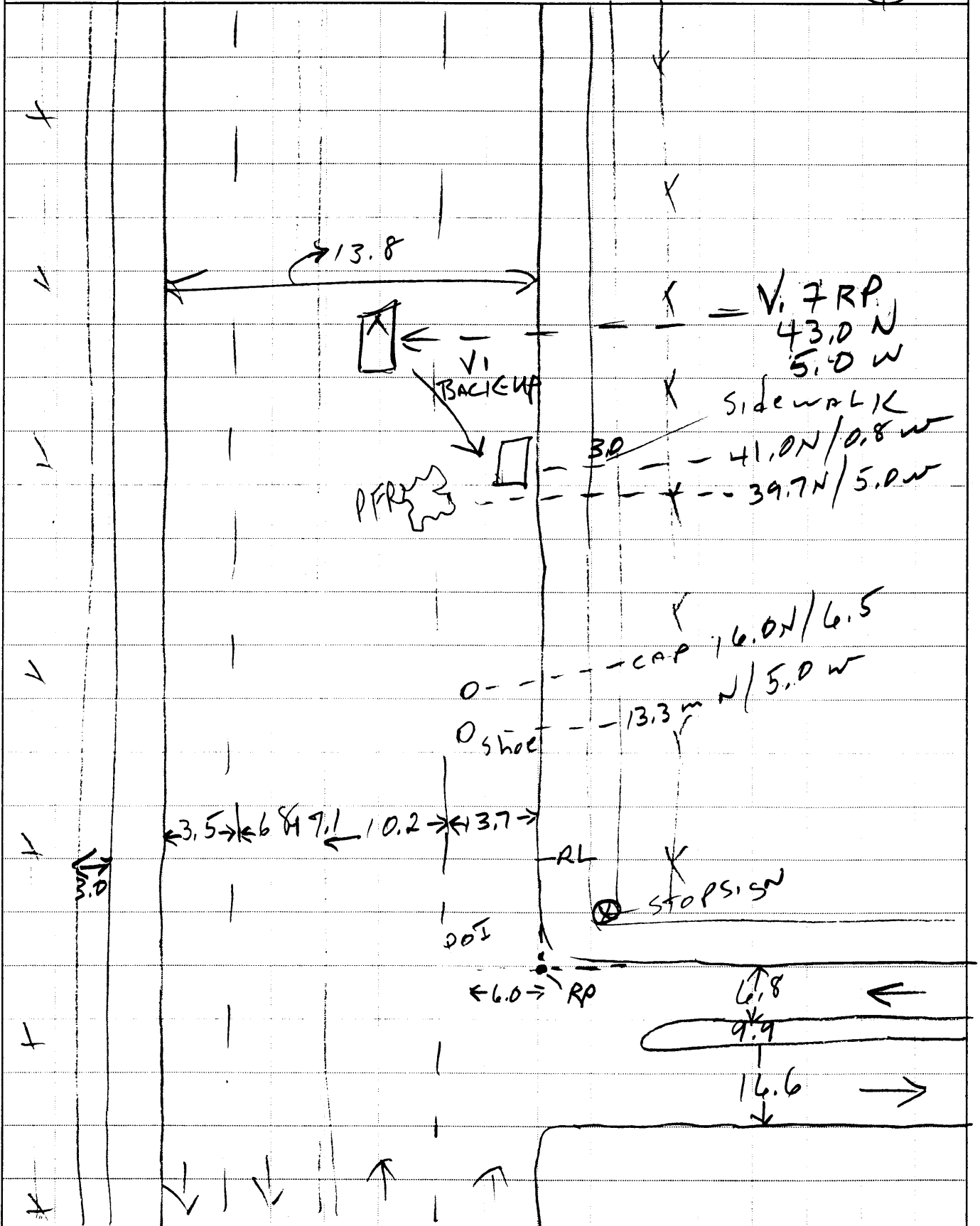




ACCIDENT COLLISION DIAGRAM

PSU No. 90
Case Number - Stratum 629 P

Indicate
North





PEDESTRIAN ACCIDENT COLLISION MEASUREMENT TABLE

Primary Sampling Unit Number 9 D

Case Number-Stratum 6 29 P

PEDESTRIAN ACCIDENT COLLISION DATA COLLECTION		SCALED DIAGRAM
<ul style="list-style-type: none"> document reference point and reference line relative to physical features documentation of all accident induced physical evidence including (if applicable): <ul style="list-style-type: none"> a) vehicle skid marks b) pedestrian contacts with ground or object c) vehicle/pedestrian point of impact (POI) d) location of pedestrian separation point from vehicle f) final resting points (FRP) for pedestrian and vehicle 	Surface Type <u>BITUM ASPHALT</u> Surface Condition <u>DRY</u> Coefficient of Friction <u>.65</u>	<ul style="list-style-type: none"> north arrow placed on diagram grade measurements for all applicable roadways scaled representations of the physical plant including: <ul style="list-style-type: none"> 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) scaled representations of the vehicle and pedestrian at pre-impact, impact, and final rest based upon either: <ul style="list-style-type: none"> a) physical evidence, or b) reconstructed accident dynamics
	Grade (vft) Measurement a) at impact <u>0</u> b) between impact and final rest <u>0</u>	Pedestrian Travel Direction <u>N</u> Vehicle Travel Direction <u>N</u> Number of Travel Lanes <u>4</u>
documentation of the physical plant including: 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: EXTENDED TAGNET
LINE / NORTH EAST CURB LINE

Reference Line: EAST CURB LINE

Item	Distance and Direction from Reference Point	Distance and Direction from Reference Line
Pedestrian #1 P.O.I	00	6.0m W
Vehicle #1 P.O.I	00	6.0m W
Pedestrian #1 (Cap)	16.0m N	6.5m W
Pedestrian #1 (shoe)	13.3m N	5.0m W
Pedestrian #1 (F.R.P.)	39.7m N	5.2m W
Pedestrian #1 (Blood Spot)	39.7m N	5.2m W
Vehicle #1 F.R.P.	43.0m N	5.0m W



PEDESTRIAN ACCIDENT FORM

1. Primary Sampling Unit Number 90
2. Case Number - Stratum 629P

IDENTIFICATION

3. Number of General Vehicle Forms Submitted 01
4. Date of Accident (Month, Day, Year) 9 6
5. Time of Accident 2343
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>02</u>	15. <u>F</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 <u>061</u> Code actual weight to the nearest kilogram. (999) Unknown
2. Case Number - Stratum <u>629P</u>	<u>135</u> pounds X .4536 = <u>061</u> kilograms
3. Pedestrian Number <u>01</u>	

PEDESTRIAN'S CHARACTERISTICS

PEDESTRIAN'S PRE-AVOIDANCE ACTIONS

4. Pedestrian's Age <u>57</u> Code actual age at time of accident. (00) Less than one year old (specify by month): (97) 97 years and older (99) Unknown	11. Pedestrian Attitude <u>1</u> (1) Standing (2) Crouching (3) Kneeling (4) Bending at waist (8) Other (specify): _____ (9) Unknown
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	12. Pedestrian Motion <u>1</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
6. Pedestrian's Overall Height <u>168</u> Code actual height to the nearest centimeter. (999) Unknown ____ inches X 2.54 = _____ centimeters <u>48</u>	13. Pedestrian's Action Relative to Vehicle <u>03</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
7. Pedestrian's Height - Ground to Knee <u>99</u> Code to the nearest centimeter. (999) Unknown <u>47.8</u> ____ inches X 2.54 = _____ centimeters <u>089</u>	14. Pedestrian's Body (Chest) Orientation <u>2</u> 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
8. Pedestrian's Height - Ground to Hip <u>999</u> Code to the nearest centimeter. (999) Unknown <u>89.0</u> ____ inches X 2.54 = _____ centimeters <u>137</u>	
9. Pedestrian's Height - Ground to Shoulder <u>999</u> Code to the nearest centimeter. (999) Unknown <u>137.4</u> ____ inches X 2.54 = _____ centimeters	

N.C. to chart

PEDESTRIAN'S AVOIDANCE ACTIONS15. Pedestrian's First Avoidance Actions 00

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

Used hand(s) to :

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

PEDESTRIAN'S ORIENTATION AT IMPACT16. Pedestrian's Head Orientation at Initial Impact 1

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

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

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

18. Pedestrian's Arm Orientation at Initial Impact 06

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

One or both arms:

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

19. Pedestrian's Leg Orientation at Initial Impact 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

20. Vehicle/Pedestrian's Interaction 02

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

OFFICIAL RECORDS

INJURY CONSEQUENCES

21. Police Reported Alcohol Presence
For Pedestrian

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

1 ~~7~~

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

28
~~99~~

Source: PAR

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

7

24. Other Drug Specimen Test Result
For Pedestrian

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

1 ~~7~~

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

4

26. Treatment - Mortality

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

1

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

0

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

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

62

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

- | | |
|--|---|
| <p>30. Glasgow Coma Scale (GCS) Score <u>01</u>
(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</p> | <p>34. 1st Medically Reported Cause of Death <u>35</u>

35. 2nd Medically Reported Cause of Death <u>34</u>

36. 3rd Medically Reported Cause of Death <u>23</u>
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</p> |
| <p>31. Was the Pedestrian Given Blood? <u>1</u>
(1) No - blood not given
(2) Yes - blood given (specify units):
(9) Unknown if blood given</p> | |
| <p>32. Arterial Blood Gases (ABG) – HCO₃ <u>01</u>
(00) Not injured
(01) Injured, ABGs not measured or reported
(02-50) Code the actual value of the HCO₃
(96) ABGs reported, HCO₃ unknown
(97) Injured, details unknown
(99) Unknown if injured</p> | |
| <p>33. Time to Death <u>01</u>
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</p> | <p>37. Number of Recorded Injuries for This Pedestrian <u>41</u>
Code the actual number of injuries recorded for this pedestrian.
(00) No recorded injuries
(97) Injured, details unknown
(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 <u>010</u>	3. Pedestrian Number <u>01</u>
2. Case Number - Stratum <u>6 29 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>1</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>700</u>	13. <u>1</u>	14. <u>1</u>	15. <u>2</u>	16. <u>3</u>	17. <u>3</u>		
2nd	18. <u>1</u>	19. <u>8</u>	20. <u>9</u>	21. <u>04</u>	22. <u>02</u>	23. <u>1</u>	24. <u>2</u>	25. <u>700</u>	26. <u>1</u>	27. <u>1</u>	28. <u>2</u>	29. <u>3</u>	30. <u>3</u>		
3rd	31. <u>1</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>700</u>	39. <u>1</u>	40. <u>1</u>	41. <u>2</u>	42. <u>3</u>	43. <u>3</u>		
4th	44. <u>1</u>	45. <u>8</u>	46. <u>9</u>	47. <u>04</u>	48. <u>02</u>	49. <u>1</u>	50. <u>2</u>	51. <u>700</u>	52. <u>1</u>	53. <u>1</u>	54. <u>2</u>	55. <u>3</u>	56. <u>3</u>		
5th	57. <u>1</u>	58. <u>8</u>	59. <u>9</u>	60. <u>04</u>	61. <u>02</u>	62. <u>1</u>	63. <u>1</u>	64. <u>701</u>	65. <u>1</u>	66. <u>1</u>	67. <u>2</u>	68. <u>2</u>	69. <u>2</u>		
6th	70. <u>1</u>	71. <u>8</u>	72. <u>9</u>	73. <u>04</u>	74. <u>02</u>	75. <u>1</u>	76. <u>2</u>	77. <u>701</u>	78. <u>1</u>	79. <u>1</u>	80. <u>2</u>	81. <u>2</u>	82. <u>2</u>		
7th	83. <u>1</u>	84. <u>8</u>	85. <u>5</u>	86. <u>16</u>	87. <u>10</u>	88. <u>2</u>	89. <u>1</u>	90. <u>700</u>	91. <u>1</u>	92. <u>1</u>	93. <u>2</u>	94. <u>3</u>	95. <u>3</u>		
8th	96. <u>1</u>	97. <u>8</u>	98. <u>5</u>	99. <u>16</u>	100. <u>10</u>	101. <u>2</u>	102. <u>2</u>	103. <u>700</u>	104. <u>1</u>	105. <u>1</u>	106. <u>2</u>	107. <u>3</u>	108. <u>3</u>		
9th	109. <u>1</u>	110. <u>8</u>	111. <u>5</u>	112. <u>34</u>	113. <u>22</u>	114. <u>3</u>	115. <u>1</u>	116. <u>700</u>	117. <u>1</u>	118. <u>1</u>	119. <u>2</u>	120. <u>3</u>	121. <u>3</u>		
10th	122. <u>1</u>	123. <u>8</u>	124. <u>5</u>	125. <u>34</u>	126. <u>22</u>	127. <u>3</u>	128. <u>2</u>	129. <u>700</u>	130. <u>1</u>	131. <u>1</u>	132. <u>2</u>	133. <u>3</u>	134. <u>3</u>		

PEDESTRIAN INJURY DATA

Source of Injury Data	AIS 90						Injury Source	Injury Source 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							
11th	<u>1</u>	<u>8</u>	<u>9</u>	<u>04</u>	<u>02</u>	<u>1</u>	<u>1</u>	<u>703</u>	<u>1</u>	<u>1</u>	<u>3</u>	<u>2</u>	<u>2</u>
12th	<u>1</u>	<u>8</u>	<u>9</u>	<u>04</u>	<u>02</u>	<u>1</u>	<u>2</u>	<u>703</u>	<u>1</u>	<u>1</u>	<u>3</u>	<u>2</u>	<u>2</u>
13th	<u>1</u>	<u>7</u>	<u>9</u>	<u>04</u>	<u>02</u>	<u>1</u>	<u>1</u>	<u>703</u>	<u>1</u>	<u>1</u>	<u>3</u>	<u>2</u>	<u>2</u>
14th	<u>1</u>	<u>7</u>	<u>9</u>	<u>02</u>	<u>02</u>	<u>1</u>	<u>1</u>	<u>703</u>	<u>1</u>	<u>1</u>	<u>3</u>	<u>2</u>	<u>2</u>
→ 15	<u>1</u>	<u>5</u>	<u>9</u>	<u>02</u>	<u>02</u>	<u>1</u>	<u>1</u>	<u>703</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>2</u>
16	<u>1</u>	<u>7</u>	<u>9</u>	<u>02</u>	<u>02</u>	<u>1</u>	<u>2</u>	<u>770</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>3</u>
17	<u>1</u>	<u>7</u>	<u>9</u>	<u>02</u>	<u>02</u>	<u>1</u>	<u>1</u>	<u>770</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>3</u>
18	<u>1</u>	<u>6</u>	<u>9</u>	<u>02</u>	<u>02</u>	<u>1</u>	<u>1</u>	<u>770</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>3</u>
19	<u>1</u>	<u>7</u>	<u>9</u>	<u>02</u>	<u>02</u>	<u>1</u>	<u>1</u>	<u>770</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>3</u>
20	<u>1</u>	<u>6</u>	<u>9</u>	<u>02</u>	<u>02</u>	<u>1</u>	<u>2</u>	<u>770</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>3</u>
21	<u>1</u>	<u>4</u>	<u>5</u>	<u>02</u>	<u>40</u>	<u>4</u>	<u>3</u>	<u>770</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>3</u>
22	<u>1</u>	<u>5</u>	<u>4</u>	<u>42</u>	<u>22</u>	<u>2</u>	<u>2</u>	<u>770</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>3</u>
23	<u>1</u>	<u>4</u>	<u>4</u>	<u>14</u>	<u>10</u>	<u>4</u>	<u>3</u>	<u>770</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>3</u>
24	<u>1</u>	<u>1</u>	<u>9</u>	<u>02</u>	<u>02</u>	<u>1</u>	<u>2</u>	<u>774</u>	<u>1</u>	<u>1</u>	<u>5</u>	<u>3</u>	<u>4</u>
25	<u>1</u>	<u>1</u>	<u>9</u>	<u>02</u>	<u>02</u>	<u>1</u>	<u>6</u>	<u>774</u>	<u>1</u>	<u>1</u>	<u>5</u>	<u>3</u>	<u>4</u>
26	<u>1</u>	<u>1</u>	<u>5</u>	<u>04</u>	<u>04</u>	<u>3</u>	<u>6</u>	<u>773</u>	<u>1</u>	<u>1</u>	<u>4</u>	<u>3</u>	<u>3</u>

PEDESTRIAN INJURY DATA

Source of Injury Data	Body Region	Type of Anatomic Structure	AIS-90				Injury Source	Injury Confidence Level	Direct/Indirect Injury	Striking Profile	Type Of Damage	Damage Depth	
			Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect							
27 28 11th	<u>1</u>	<u>1</u>	<u>5</u>	<u>04</u>	<u>04</u>	<u>3</u>	<u>1</u>	<u>773</u>	<u>1</u>	<u>1</u>	<u>4</u>	<u>3</u>	<u>3</u>
28 29 12th	<u>1</u>	<u>1</u>	<u>5</u>	<u>04</u>	<u>04</u>	<u>3</u>	<u>2</u>	<u>773</u>	<u>1</u>	<u>1</u>	<u>4</u>	<u>3</u>	<u>3</u>
29 30 13th	<u>1</u>	<u>6</u>	<u>5</u>	<u>02</u>	<u>30</u>	<u>2</u>	<u>6</u>	<u>773</u>	<u>1</u>	<u>1</u>	<u>4</u>	<u>3</u>	<u>3</u>
30 31 14th	<u>1</u>	<u>6</u>	<u>5</u>	<u>02</u>	<u>08</u>	<u>2</u>	<u>6</u>	<u>773</u>	<u>1</u>	<u>1</u>	<u>4</u>	<u>3</u>	<u>3</u>
31 32 15th	<u>1</u>	<u>6</u>	<u>5</u>	<u>02</u>	<u>12</u>	<u>3</u>	<u>6</u>	<u>773</u>	<u>1</u>	<u>1</u>	<u>4</u>	<u>3</u>	<u>3</u>
32 33 16th	<u>1</u>	<u>1</u>	<u>4</u>	<u>06</u>	<u>84</u>	<u>3</u>	<u>1</u>	<u>773</u>	<u>1</u>	<u>1</u>	<u>4</u>	<u>3</u>	<u>3</u>
33 34 17th	<u>1</u>	<u>1</u>	<u>4</u>	<u>06</u>	<u>84</u>	<u>3</u>	<u>2</u>	<u>773</u>	<u>1</u>	<u>1</u>	<u>4</u>	<u>3</u>	<u>3</u>
34 35 18th	<u>1</u>	<u>1</u>	<u>4</u>	<u>02</u>	<u>10</u>	<u>5</u>	<u>8</u>	<u>773</u>	<u>1</u>	<u>1</u>	<u>4</u>	<u>3</u>	<u>3</u>
35 36 19th	<u>1</u>	<u>1</u>	<u>4</u>	<u>02</u>	<u>12</u>	<u>6</u>	<u>8</u>	<u>773</u>	<u>1</u>	<u>1</u>	<u>4</u>	<u>3</u>	<u>3</u>
36 37 20th	<u>L</u>	<u>2</u>	<u>9</u>	<u>06</u>	<u>02</u>	<u>1</u>	<u>7</u>	<u>775</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>5</u>	<u>4</u>
37 38 21st	<u>L</u>	<u>2</u>	<u>9</u>	<u>06</u>	<u>02</u>	<u>1</u>	<u>2</u>	<u>775</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>5</u>	<u>4</u>
38 39 22nd	<u>1</u>	<u>2</u>	<u>9</u>	<u>04</u>	<u>02</u>	<u>1</u>	<u>8</u>	<u>781</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>2</u>
39 40 23rd	<u>1</u>	<u>2</u>	<u>9</u>	<u>02</u>	<u>02</u>	<u>1</u>	<u>8</u>	<u>781</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>2</u>
40 41 24th	<u>1</u>	<u>7</u>	<u>9</u>	<u>04</u>	<u>02</u>	<u>1</u>	<u>1</u>	<u>781</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>2</u>
41 42 25th	<u>1</u>	<u>7</u>	<u>9</u>	<u>02</u>	<u>02</u>	<u>1</u>	<u>1</u>	<u>781</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>2</u>

SOURCE OF INJURY DATA**OFFICIAL**

- (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

UNOFFICIAL

- (5) Lay coroner report
- (6) E.M.S. personnel
- (7) Interviewee
- (8) Other source (specify): _____
- (9) Police

INJURY SOURCE CONFIDENCE LEVEL

- (1) Certain
- (2) Probable
- (3) Possible
- (9) Unknown.

DIRECT/INDIRECT INJURY

- (1) Direct contact injury
- (2) Indirect contact injury
- (3) Noncontact injury
- (7) Injured, unknown source

STRIKING PROFILE

- (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

TYPE OF DAMAGE

- (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

DAMAGE DEPTH

- (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**

- (1) Head
- (2) Face
- (3) Neck
- (4) Thorax
- (5) Abdomen
- (6) Spine
- (7) Upper Extremity
- (8) Lower Extremity
- (9) Unspecified

Type of Anatomic Structure

- (1) Whole Area
- (2) Vessels
- (3) Nerves
- (4) Organs (includes muscles/ligaments)
- (5) Skeletal (includes joints)
- (6) Head - LOC
- (9) Skin

Specific Anatomic StructureWhole Area

- (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

Head - LOC

- (02) Length of LOC
- (04, 06, 08) Level of Consciousness
- (10) Concussion

Spine

- (02) Cervical
- (04) Thoracic
- (06) Lumbar

Vessels, Nerves, Organs, Bones, Joints
are assigned consecutive two digit numbers beginning with 02

Level of Injury

Specific injuries are assigned consecutive two-digit numbers beginning with 02.

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.

Abbreviated Injury Scale

- (1) Minor injury
- (2) Moderate injury
- (3) Serious injury
- (4) Severe injury
- (5) Critical injury
- (6) Maximum (untreatable)
- (7) Injured, unknown severity

Aspect

- (1) Right
- (2) Left
- (3) Bilateral
- (4) Central
- (5) Anterior
- (6) Posterior
- (7) Superior
- (8) Inferior
- (9) Unknown
- (0) Whole region

INJURY SOURCEFRONT

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

Accessories

- 820 Air scoop, deflector
- 821 Cellular or CB radio antenna
- 822 Emergency lights or bar
- 823 Fog lights
- 824 Luggage, ski, or bike rack
- 825 Cargo (specify): _____
- 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

OFFICIAL INJURY DATA — SKELETAL INJURIES

National Accident Sampling System-Crashworthiness Data System: Pedestrian Injury Form

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 = 25

Glasgow Coma Scale Score

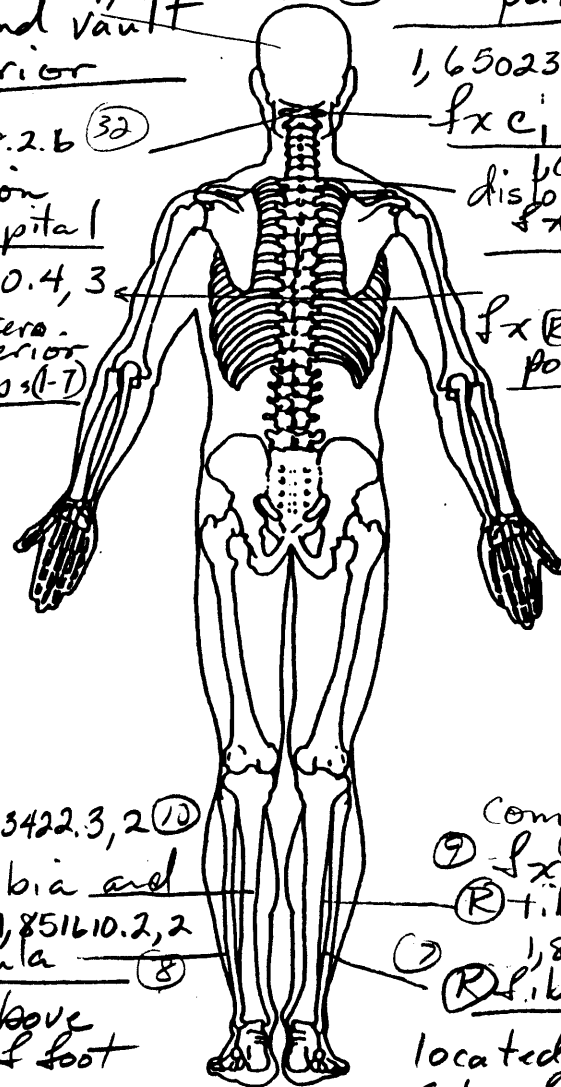
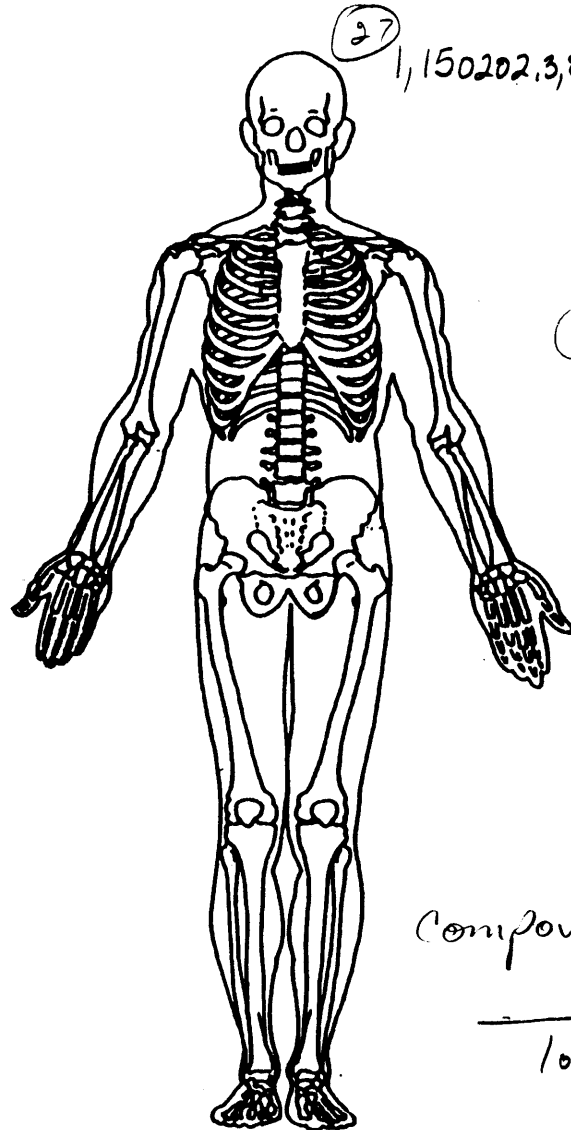
GCS = 3

Units of Blood Given

Units = 0

Arterial Blood Gases

Ph =
PO₂ =
PCO₂ =
HCO₃ =

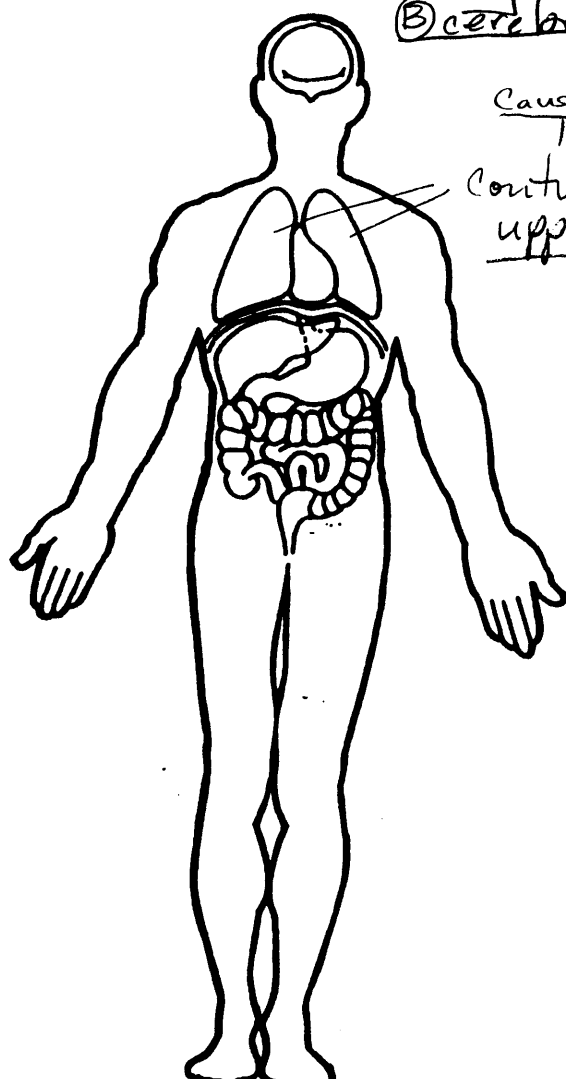


1,853422.3, 2 10
Compound fx (L) tibia and
(R) fibula 1,851610.2, 2 8
located 7" above
sole of foot

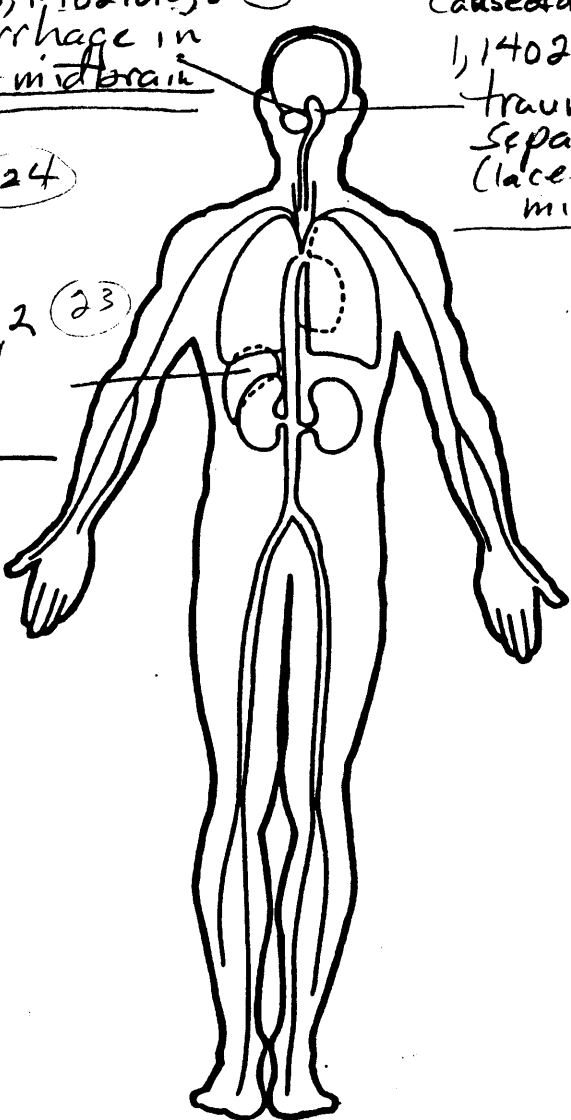
Compound
9 fx 1,853422.3, 1
(R) tibia and
(L) fibula 1,851610.2, 1
8 located 7" above
sole of foot

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.)



diffuse subarachnoid hemorrhage
③ cerebellum
 Cause of death #3
 1,441410.4,3
contusions ③ lungs (24)
upper lobes



1,140684.3,1,34
 1,140684.3,2,35
 Cause of death #2
 1,140210.5,8 (36)
hemorrhage in pons + mid brain
 Cause of death #1
 1,140212.6,8 (37)
traumatic separation (laceration) mid brain
 1,544222.2,2 (23)
superficial lacerations spleen



1. Primary Sampling Unit Number 90
 2. Case Number - Stratum 6 29 P
 3. Vehicle Number 0 1


VEHICLE IDENTIFICATION

4. Vehicle Model Year 96
 Code the last two digits of the model year
 (99) Unknown

5. Vehicle Make (specify): 20
CHEVROLET
 Applicable codes are found in your
 NASS PCDS Data Collection, Coding and
 Editing Manual.
 (99) Unknown

6. Vehicle Model (specify): 016
CAVALIER
 Applicable codes are found in your
 NASS PCDS Data Collection, Coding and
 Editing Manual.
 (99) Unknown

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

8. Vehicle Identification Number ✓
361JCL240TS 
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
 Left justify; Slash zeros and letter Z (0 and Z)
 No VIN—Code all zeros
 Unknown—Code all nines

OFFICIAL RECORDS

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

10. Speed Limit 056
 (000) No statutory limit
 Code posted or statutory speed limit
 in kmph
 (999) Unknown
35 mph X 1.6093 = 056 kmph

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

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

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

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

CODES FOR BODY TYPE

CDS APPLICABLE VEHICLES

Automobiles

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

(09) _____
Unknown automobile type

Automobile Derivatives

- (10) Auto based pickup (includes El Camino, Caballero, 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

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 00
01

- (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 1
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) 1
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 0

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

Non-Interchange

- (2) Intersection
(3) Intersection-related
(4) Drive, alley access related
(5) Other non-interchange (specify):

- (6) _____
(9) Unknown if interchange

28. Trafficway Flow 1

- (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 4

- (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 1

- (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 5

- (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):
SPEED Limit Sign-35mph
(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 3

- (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

196

90-629

196 Conv. line

2270m

5770m

66"

135"

$$POI \text{ to } JRT = 60m = 197 \text{ ft}$$

$$\text{Partial braking} = 0.4$$

$$PRT = 1 \text{ s.c.}$$

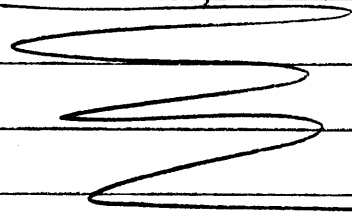
$$197 = 1v + \frac{v^2}{(2)(0.4)(32.2)}$$

$$0.039v^2 + 1v - 197 = 0$$

$$v = \frac{-1 \pm \sqrt{1^2 - (4)(0.039)(-197)}}{0.078}$$

$$59.5 \text{ fps} = 40.47 \text{ mph} =$$

$$65 \text{ km/h}$$



96

90-629

11:43 P.M.

'96 Cavalier

2270m

5770m

168cm = 66"

135-#

35-40

Same direction

W/S → Top

no skidding

L. ~~TR~~ ~~to~~ - stopped.

Pedestrian - passed over top of vehicle. no pre crash braking
no post crash skid marks.

Data indicates impact at 37 mph.
Impact speed estimated at 40-45 mph.



1. Primary Sampling Unit Number

90

3. Vehicle Number

0 1

2. Case Number - Stratum

6 29 P

VEHICLE IDENTIFICATION

VIN 3G1JC1240TS ~~XXXXXXXXXX~~

Model Year 96

Vehicle Make (specify): CHEVORLET

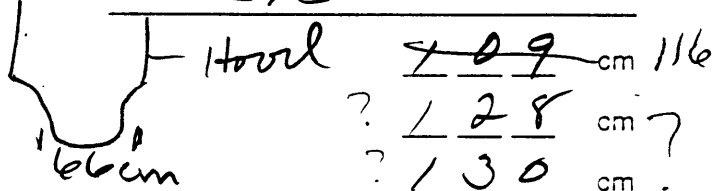
Vehicle Model (specify): CAVALIER

PEDESTRIAN FRONT CONTACT WORK SHEET

PEV06 Hood Material

Steel

PEV08 Hood Length



Hood ~~709~~ cm 116

PEV09 Hood Width-Forward Opening

? 128 cm ?

PEV10 Hood Width-Midway

? 130 cm

PEV11 Hood Width-Rear Opening

✓ 152 cm

PEV14 Front Bumper Cover Material

PLASTIC

PEV15 Front Bumper Reinforcement Material

Steel

VERTICAL MEASUREMENTS

PEV16 Front Bumper-Bottom Height

040 ~~027~~ cm

PEV17 Front Bumper-Top Height

055 cm

PEV18 Forward Hood Opening

064 cm

PEV19 Front Bumper Lead

012 cm

WRAP DISTANCES

PEV20 Ground to Forward Hood Opening

065 cm

PEV21 Ground to Front/Top Transition Point

075 ~~097~~ cm

PEV22 Ground to Rear Hood Opening

180 cm

PEV23 Ground to Base of Windshield

187 cm

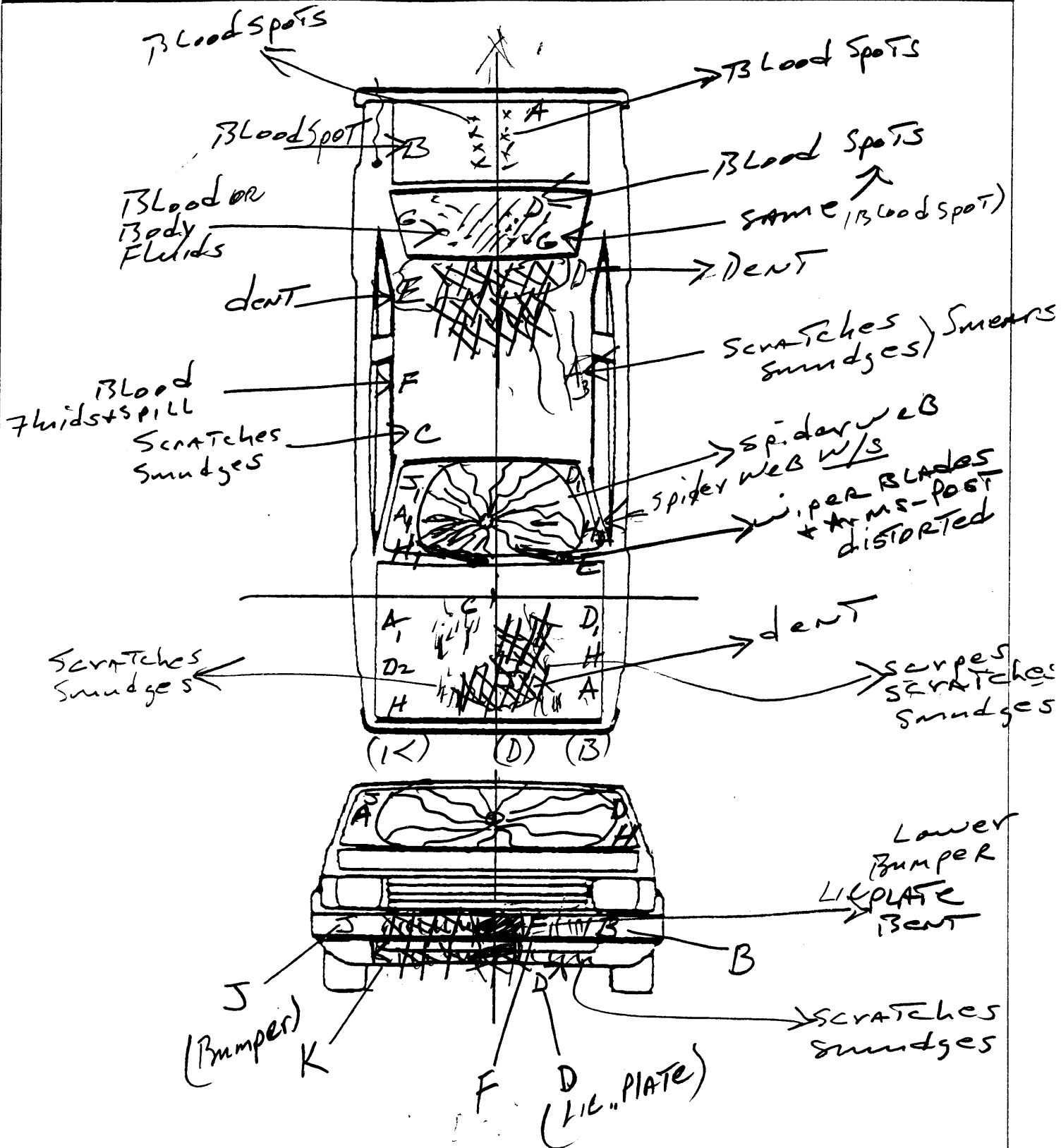
PEV24 Ground to Top of Windshield

275 ~~271~~ cm

PEV25 Ground to Head Contact

cowl → 195 ~~225~~ 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 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: 156 cm

PEDESTRIAN SIDE CONTACT WORK SHEET

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

VERTICAL MEASUREMENTS

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

LATERAL MEASUREMENTS

PEV35 C ₁ to A-Pillar at Bottom of Windsnield	_____	cm
PEV36 C ₁ to A-Pillar at Top of Windsnield	_____	cm
PEV37 C ₁ to Maximum Side View Mirror Protrusion	_____	cm

WRAP DISTANCES

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

ORIGINAL SPECIFICATIONS

Wheelbase	<u>104.1</u>	inches	x 2.54	=	<u>264</u> cm
Overall Length	<u>180.3</u>	inches	x 2.54	=	<u>458</u> cm
Maximum Width	<u>068.7</u>	inches	x 2.54	=	<u>174</u> cm
Curb Weight	<u>02617</u>	pounds	x .4536	=	<u>1187</u> kg
Average Track	<u>057.2</u>	inches	x 2.54	=	<u>145</u> cm
Front Overhang	<u>038.9</u>	inches	x 2.54	=	<u>099</u> cm
Rear Overhang	<u>038.1</u>	inches	x 2.54	=	<u>097</u> cm
Undeformed End Width	<u>060.2</u>	inches	x 2.54	=	<u>153</u> cm
Engine Size: cyl./displ.	<u>2200</u>	cc	x .001	=	<u>22L</u>
	<u>134</u>	CID	x .0164	=	<u>22L</u>

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
- 709 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
- 729 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

- 300 Front cross member
- 301 Steering assembly/Front suspension
- 302 Oil pan
- 303 Exhaust system pipe
- 304 Transmission
- 305 Drive shaft
- 306 Catalytic converter
- 307 Muffler
- 308 Floor pan
- 309 Fuel tank
- 310 Rear suspension
- 313 Other undercarriage component (specify): _____
- 319 Unknown undercarriage component

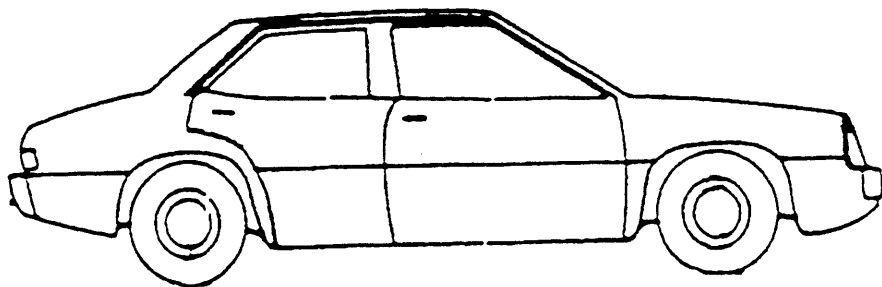
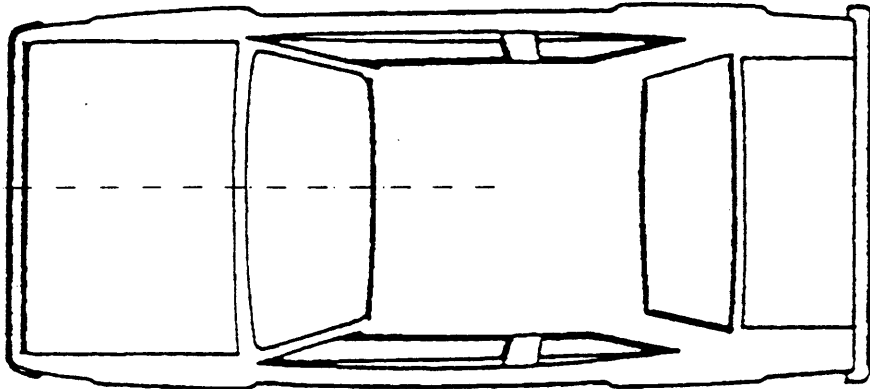
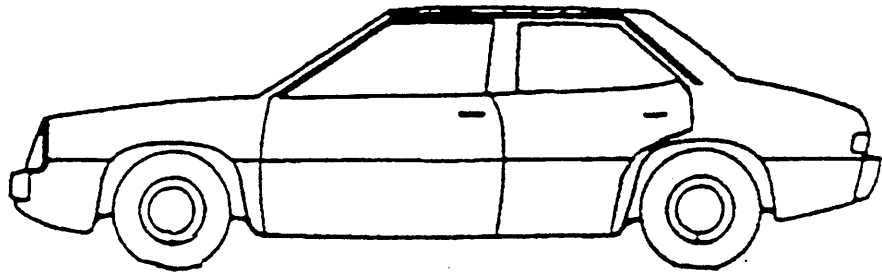
Accessories

- 320 Air scoop, deflector
- 321 Cellular or CB radio antenna
- 322 Emergency lights or bar
- 323 Fog lights
- 324 Luggage, ski, or bike rack
- 325 Cargo (specify): _____
- 326 Spare tire
- 327 Sootlight
- 328 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: 156 cm

POINTS OF PEDESTRIAN CONTACT

BEST AVAILABLE COPY

PEDESTRIAN CONTACT WORKSHEET

CONTACT ID LABEL	COMPONENT CONTACTED	LONGITUDINAL LOCATION (X)	LATERAL LOCATION (Y)	CRUSH IN CENTIMETERS	SUSPECTED BODY REGION	SUPPORTING PHYSICAL EVIDENCE	CONFIDENCE LEVEL OF CONTACT POINT (Circle)	SEQUENCE #
K	FRONT Bumper	+120	+23			Smudges scratches	① 3 9	1
J	FRONT Bumper	+104	+26			Smudges scratches	① 3 9	1
F	FRONT Bumper	+101	+12			Scratches Smudges	① 3 9	1
D	FRONT Bumper	+112	+53			Scratches Smudges	① 3 9	1
B	Bumper	+101	+45			Smudges	① 3 9	1
H	Hood	+62	+42			dent	① 3 9	1
D1	Hood Right	+38	+53			dent	① 3 9	1
A	Hood Right	+10	+54			dent	① 3 9	1
G	Hood Right	+14	+06			Scrapes	① 3 9	1
H1	Wiper Arm Right	-39	+49			Bent	① 3 9	1
A1	Windshield Right	-67	+54	10cm	Chest Head	Spider web	① 3 9	1
J1	Windshield TOP-R	-122	+32			Spider web	① 3 9	1
C	TOP (FR) Right	-136	+50			Smudges Scrapes	① 3 9	2
F1	TOP (FR) Right	-169	+24			Scrapes Smudges	① 3 9	2
E	TOP (BACK) Right	-210	+44			dent	① 3 9	2
G1	BACK Light Right	-266	+24			Body fluids	① 3 9	2
B	Trunk Right	-344	+16			Body fluids	① 3 9	2
J2	Hood Left	+45	-08			dents Scrapes	① 3 9	1
A2	Hood Edge (R)	+64	-58			Scrapes Smudges	① 3 9	1
H2	Hood Edge (R)	+29	-59			Scrapes Smudges	① 3 9	1
D2	Hood Edge (L)	+08	-80			Scrapes Smudges	① 3 9	1
A3	Hood (REAR)	-29	-59			Smudges Scrapes	① 3 9	1
E1	Wiper Arm (L)	-30	-28			Bent	① 3 9	1
H3	Windshield (L)	-67	-56			Spider web	① 3 9	2
D3	Windshield TOP (L)	-109	-46			Spider web	① 3 9	2
A4	TOP LEFT	-157	-44			Scrapes Body fluids	① 3 9	2

D4 TOP LEFT -190 -38 dent ① 2
 G2 BACK Light → -266 -24 Body fluids ① 2
 D4 BACK Light -312 -32 " ① 2
 A5 TRUNK Lid -348 -40 " ① 2

POINTS OF PEDESTRIAN CONTACT							
CHRONOLOGICAL ORDER OF CONTACTS							
CONTACT #	COMPONENT CONTACTED CODE	LONGITUDINAL LOCATION (X)	LATERAL LOCATION (Y)	CRUSH IN CENTIMETERS	SUSPECTED BODY REGION	SUPPORTING PHYSICAL EVIDENCE	CONFIDENCE LEVEL OF CONTACT POINT (Circle)
1	700	120	10	0-1	Cont. (R) Lower leg	smudge (dent)	⓪ 2 3 9
2	700	120	-10	0-1	Contusion (L) Lower leg	" "	⓪ 2 3 9
3	700	104	+10	0-1	Contusion R Dorsal knee	smudge (dent)	⓪ 2 3 9
4	700	104	-10	0-1	" " (L)	" "	⓪ 2 3 9
5	701	141	+10	0	Contusion (R) Dorsal Foot	smudge	⓪ 2 3 9
6	701	141	-10	0	" " (L)	" "	⓪ 2 3 9
7	700	104	+10	1-2	FX R Fibula	dent smudge	⓪ 2 3 9
8	700	104	-10	1-2	FX L Fibula	" "	⓪ 2 3 9
9	700	104	+10	1-2	FX (R) tibia	" "	⓪ 2 3 9
10	700	104	-10	1-2	FX (L) tibia	" "	⓪ 2 3 9
11	703	62	+10	0-1	Cont. Dorse/ thigh (R)	smudges	⓪ 2 3 9
12	703	62	-10	0-1	cont (L) Dorsal thigh	" "	⓪ 2 3 9
13	703	62	+10	0	Contusion (R) Becke Hard	smudge	⓪ 2 3 9
14	703	62	+10	0	abrasion Finger	smudge (p)	⓪ 2 3 9
15	770	62	+10	0	abrasion	abrasion warts	⓪ 2 3 9
16	770	36	+30	1-2	(L) elbow	dent skin	⓪ 2 3 9
17	770	36	"	"	(L) abrasion arm	" "	⓪ 2 3 9
18	770	20-30	0-(-10)	2-3	Abrasion mid Beck	material / dent	⓪ 2 3 9
19	770	16	-5	1	Abrasion R shoulder	material / dent	⓪ 2 3 9
20	770	16	-5	1	abrasion (L) upper Beck	" "	⓪ 2 3 9
21	770	16	-5	1	(R) L/R Rib (L) T-7 (R) T-4	FXs	⓪ 2 3 9
22	770	16	-5	1-2	Spleen Laceration	dent / material	⓪ 2 3 9
23	770	16	0	1-2	(R) upper Lung contusion	upper lobes	⓪ 2 3 9
24	774	-30	-10	1-2	abrasion (L) parietal scalp	wiper arm bent	⓪ 2 3 9
25	774	-30	-10	1-2	abrasion scalp	" "	⓪ 2 3 9
26	773	-35	0--10	0	multiple Basilar/ vault FX	Cowl area	⓪ 2 3 9

VEHICLE DIMENSIONS

4. Original Wheelbase 264
 _____ Code to the nearest centimeter
 (999) Unknown

_____ inches X 2.54 = _____ centimeters

5. Original Average Track Width 145
 _____ Code to the nearest centimeter
 (185) 185 centimeters or more
 (999) Unknown

_____ inches X 2.54 = _____ centimeters

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

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

8. Hood Length 116 ~~109~~
 _____ Code to the nearest centimeter
 (180) 180 centimeters or more
 (999) Unknown

_____ inches X 2.54 = _____ centimeter

9. Hood Width Forward Opening 128
 _____ Code to the nearest centimeter
 (210) 210 centimeters or more
 (999) Unknown

_____ inches X 2.54 = _____ centimeters

10. Hood Width Midway 130
 _____ Code to the nearest centimeter
 (210) 210 centimeters or more
 (999) Unknown

_____ inches X 2.54 = _____ centimeters

11. Hood Width Rear Opening 152
 _____ 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 4
 (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 2
 (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 3
 (0) No front contact
 (1) Plastic
 (2) Fiberglass
 (3) Rubber
 (4) Other (specify): _____
 (9) Unknown

15. Front Bumper Reinforcement Material 1
 (0) No front contact
 (1) Steel
 (2) Aluminum
 (3) Stainless Steel
 (4) Other (specify): _____
 (9) Unknown 040

16. Front Bumper-Bottom Height 027
 _____ 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 055
 _____ 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 064
 _____ 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 12
 (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 187
 _____ 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 ~~271~~ 275
 _____ 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 ~~225~~ 195
 _____ 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 065
 _____ 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 ~~092~~ 075
 _____ 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 180
 _____ Code to the nearest centimeter
 (000) No front contact
 (400) 400 centimeters or more
 (999) Unknown
 _____ inches X 2.54 = _____ centimeters

SIDE CONTACT DAMAGE

Side Vertical Measurements

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

29. Centerline of Wheel

Code to the
nearest centimeter

- (000) No side contact
(150) 150 centimeters or more
(999) Unknown

_____ inches X 2.54 = _____ centimeters

000

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

000

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

000

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

000

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

000

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

000**Side Lateral Measurements**

35. Centerline to A-Pillar

at Bottom of Windshield

- (000) No side contact

Code to the
nearest centimeter

- (250) 250 centimeters or more
(999) Unknown

_____ inches X 2.54 = _____ centimeters

000

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

000

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

000**Side Wrap Distance Measurements**

38. Ground to Side/Top Transition

Code to the
nearest centimeter

- (000) No side contact
(400) 400 centimeters or more
(999) Unknown

_____ inches X 2.54 = _____ centimeters

000

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

000

40. Ground to Centerline of Hood

000

Code to the nearest centimeter

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

_____ inches X 2.54 = _____ centimeters

41. Ground to Head Contact

000

Code to the nearest centimeter

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

_____ inches X 2.54 = _____ centimeters

Final

90629P00000011 [REDACTED] 969.0000000000000123430100001 [REDACTED] 96 [REDACTED] 960000000000
000000000000000 01
90629P00010012 [REDACTED] 969.0010000000000102F72000
90629P00010021 9.00 0000000005711684808913706111032001201020412871410006201
1010135342341
90629P00010131 9.00 00000000018904021170011233
90629P00010231 9.00 00000000018904021270011233
90629P00010331 9.00 00000000018904021170011233
90629P00010431 9.00 00000000018904021270011233
90629P00010531 9.00 00000000018904021170111222
90629P00010631 9.00 00000000018904021270111222
90629P00010731 9.00 00000000018516102170011233
90629P00010831 9.00 00000000018516102270011233
90629P00010931 9.00 00000000018534223170011233
90629P00011031 9.00 00000000018534223270011233
90629P00011131 9.00 00000000018904021170311322
90629P00011231 9.00 00000000018904021270311322
90629P00011331 9.00 00000000017904021170311322
90629P00011431 9.00 00000000017902021170311322
90629P00011531 9.00 00000000015902021170311222
90629P00011631 9.00 00000000017902021277011233
90629P00011731 9.00 00000000017902021177011233
90629P00011831 9.00 00000000016902021177011233
90629P00011931 9.00 00000000017902021177011233
90629P00012031 9.00 00000000016902021277011233
90629P00012131 9.00 00000000014502404377011233
90629P00012231 9.00 00000000015442222277011233
90629P00012331 9.00 00000000014414104377011233
90629P00012431 9.00 00000000011902021277411534
90629P00012531 9.00 00000000011902021677411534
90629P00012631 9.00 00000000011504043677311433
90629P00012731 9.00 00000000011504043177311433
90629P00012831 9.00 00000000011504043277311433
90629P00012931 9.00 00000000016502302677311433
90629P00013031 9.00 00000000016502082677311433
90629P00013131 9.00 00000000016502123677311433
90629P00013231 9.00 00000000011406843177311433
90629P00013331 9.00 00000000011406843277311433
90629P00013431 9.00 00000000011402105877311433
90629P00013531 9.00 00000000011402126877311433
90629P00013631 9.00 00000000012906021777511254
90629P00013731 9.00 00000000012906021277511254
90629P00013831 9.00 00000000012904021878121222
90629P00013931 9.00 00000000012902021878121222
90629P00014031 9.00 00000000017904021178121222
90629P00014131 9.00 00000000017902021178121222
90629P01000041 9.00 0000000009620016023G1JC1240TS [REDACTED] 99905609670119000006
52110180011101411210031
90629P01000051 9.00 0000000002641453111612813015242310100550641206507518018
7275195000
90629P9999999900
00000000000000

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	



SLIDE INDEX

Primary Sampling Unit Number 90

Case Number—Stratum 629P

Slide No.	Vehicle No.	Direction of Picture	Description of Slide Subject Matter
1	/	East	Back along path of Ped. (X) = POI
2			Ped walking North in direction of V'
2		North	looking from POI area toward FRP
3		North	POI to FRP. (Hat)
4		North	Ped's hat
5		North	ped's glasses
6		North	FRP of Ped + Point where Driver moved vehicle after Final Rest
			North of Ped in lane #2
7		East	" " " "
8	South	" " " "	
9	South	" " " "	
10	1	—	Frontal view (on scene)
11	1	—	side view of Hood and w/s damage
12	1	—	cowl and w/s damage
13	1	—	Roof damage to vehicle as Ped flipped
—	—	—	completely over vehicle #1
14	1	—	" " " "
15/16	1	—	vehicle interior
17-20	—		views of Ped at FRP



PSU 90-629p (1996) #1



PSU 90-629p (1996) #2



PSU 90-629p (1996) #3



PSU 90-629p (1996) #4



PSU 90-629p (1996) #5



PSU 90-629p (1996) #6



PSU 90-629p (1996) #7

**“GRAPHIC”
PHOTOGRAPHS and IMAGES**

Several vivid photographs have been removed for this case. These photographs contain highly graphic material which may be improper for the general audience.

Photo # 8

If you would like a copy of these photographs and/or images please call or write to:

Marjorie Saccoccio at (617) 494-2640
VOLPE NATIONAL TRANSPORTATION SYSTEMS CENTER
55 Broadway
Cambridge, MA 02142



PSU 90-629p (1996) #9



PSU 90-629p (1996) # 10



PSU 90-629p (1996) #11



PSU 90-629p (1996) #12



PSU 90-629p (1996) #13



PSU 90-629p (1996) #14



PSU 90-629p (1996) #15



PSU 90-629p (1996) #16

**“GRAPHIC”
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Photos #17-20 pages 9,10

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