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

U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

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

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

# PEDESTRIAN CASE SUMMARY

NATIONAL ACCIDENT SAMPLING SYSTEM
PEDESTRIAN CRASH DATA STUDY

PSU 40 CASE NO. 6028 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.)

Pedestrian entered Road from south curb edge and began walking in street heading east. Vehicle also heading east did strike pedestrian from behind. Vehicle front bumper impacted ped's legs carrying ped on hood and making contact to windshield. As Vehicle continued moving, Ped. makes head contact to top of windshield and header. Pedestrian then became airborn, Rotating and finally landing in Road. Vehicle never stopped, but proceeded to nearest police station where driver reported incident.

## 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 | 24 | MALE | Hospitalized | Lower Extremity | Skeletal | 2 | bumper |

**Body Region**

Head
Face
Throat
Chest
Abdomen/Pelvis
Spine
Upper Extremity
Lower Extremity
External

**Type of Anatomic Structure**

Whole Area
Vessels
Nerves
Organs
Skeletal
Head-LOC
Skin-Burn
Skin-Other

**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

## C. VEHICLE PROFILE

| Vehicle No. | Class of Vehicle | Year/Make/Model | Most Severe Damage Based on Vehicle Inspection | |
|---|---|---|---|---|
| | | | Damage Plane | Damage Description |
| 01 | Compact | '93 Chevrolet Cavalier | Front | wipes/smudges/scuffs and dents to front bumper, Hood and roof. Cracked windshield, bent wiper blade & mounting. |

**DO NOT SANITIZE THIS FORM**

HS Form 0435E (8/95)

[redacted]

U.S. Department of Transportation

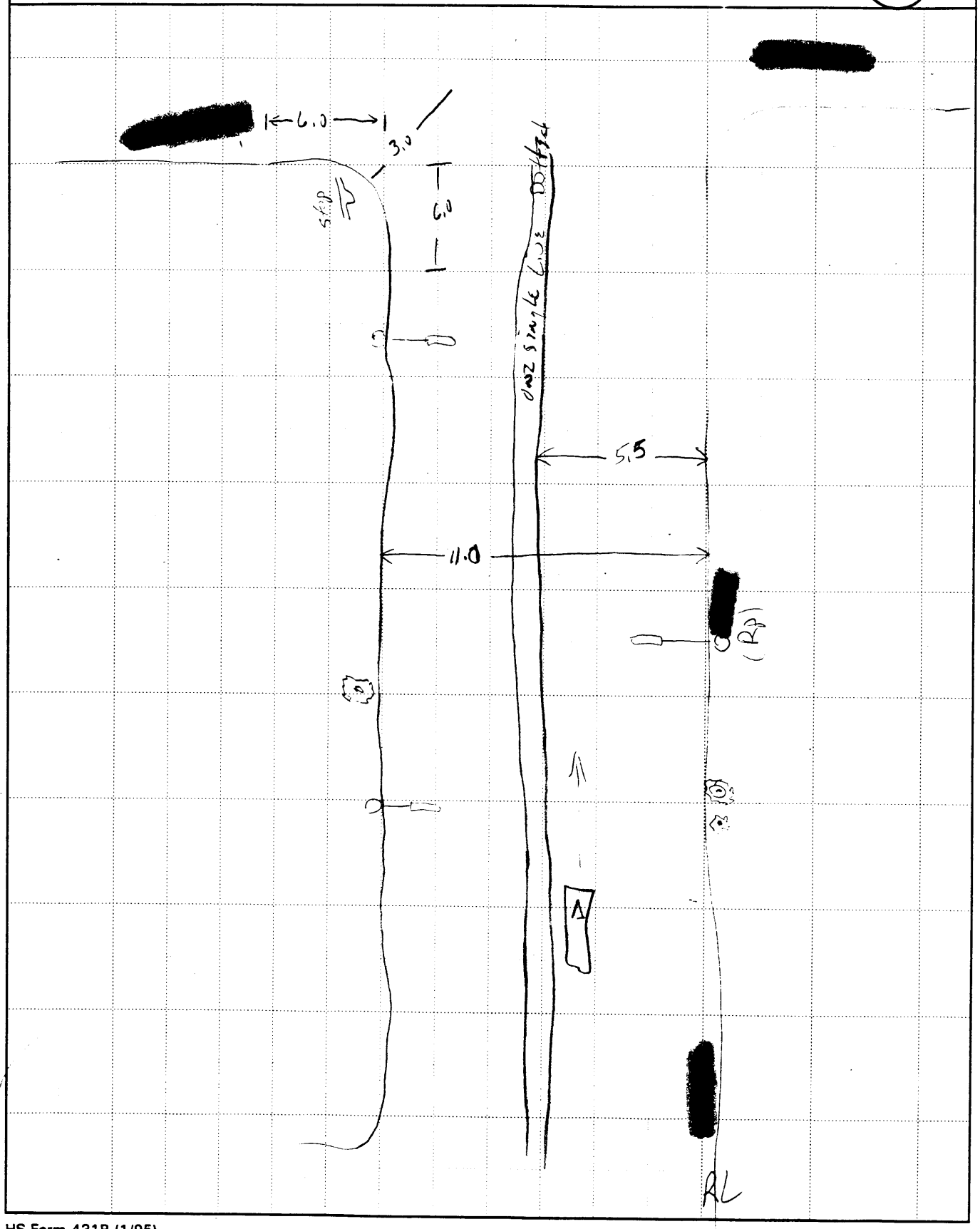
National Highway Traffic Safety Administration

# ACCIDENT COLLISION DIAGRAM

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

PSU No. 40 Case Number—Stratum 602 P

Indicate North




HS Form 431B (1/95)

Scale: 1 centimeter = _____ meters

U.S. Department of Transportation

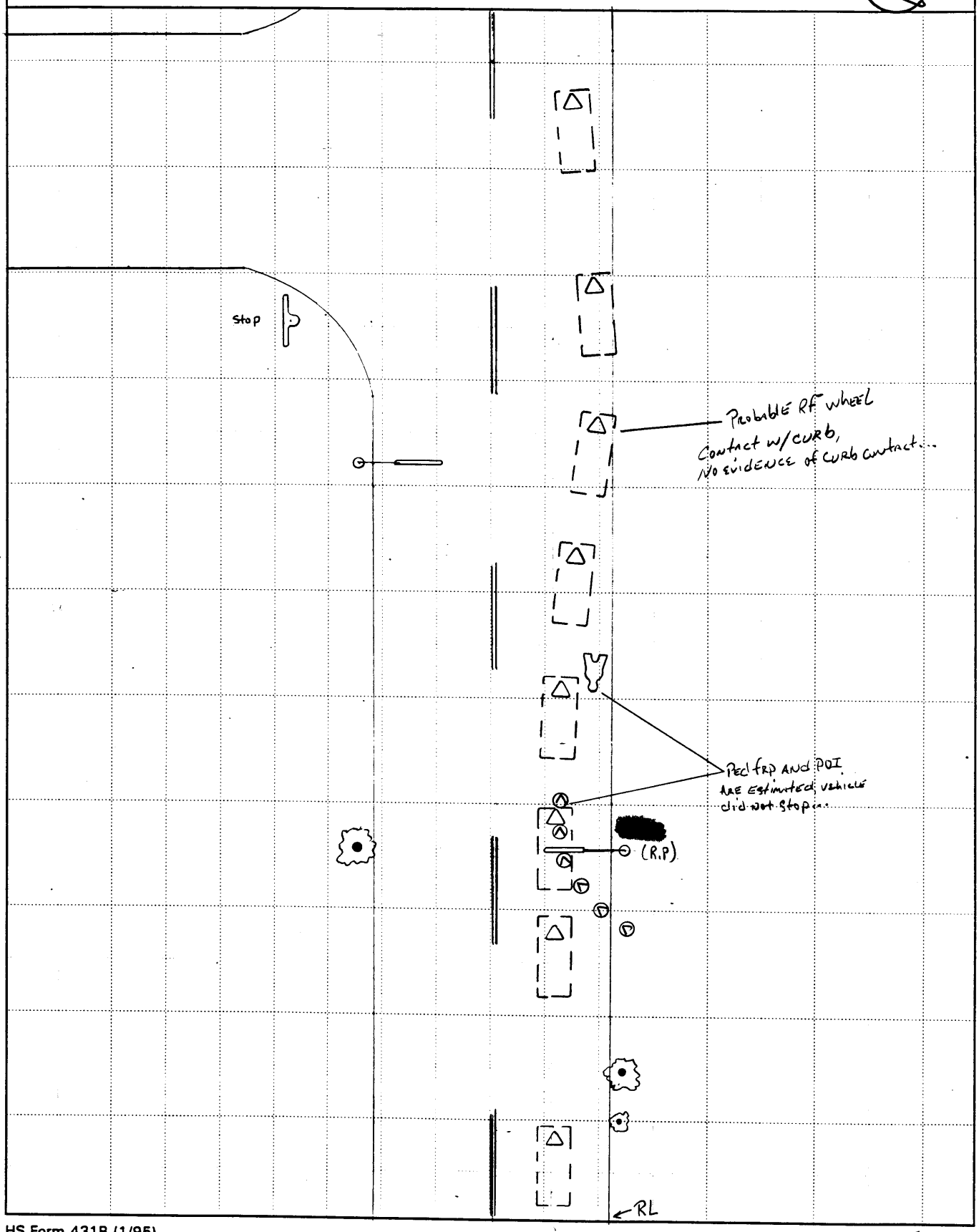
National Highway Traffic Safety Administration

# ACCIDENT COLLISION DIAGRAM

NATIONAL ACCIDENT SAMPLING SYSTEM
CRASHWORTHINESS DATA SYSTEM

PSU No. 4 0 Case Number—Stratum 6 0 2 P

Indicate North




HS Form 431B (1/95)

Scale: 1 centimeter = 2.5 meters 1/250

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

# PEDESTRIAN ACCIDENT COLLISION MEASUREMENT TABLE

NATIONAL ACCIDENT SAMPLING SYSTEM
PEDESTRIAN CRASH DATA STUDY

Primary Sampling Unit Number 4 0

Case Number-Stratum 6 0 2 P

## PEDESTRIAN ACCIDENT COLLISION DATA COLLECTION

- document reference point and reference line relative to physical features
- documentation of all accident induced physical evidence including (if applicable):
  - 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
- 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)

Surface Type: Bit/Asph.

Surface Condition: _____

Coefficient of Friction: _____

Grade (v/h) Measurement

- a) at impact: 0.0
- b) between impact and final rest: 0.0

Pedestrian Travel Direction: _____

Vehicle Travel Direction: _____

Number of Travel Lanes: _____

## SCALED DIAGRAM

- north arrow placed on diagram
- grade measurements for all applicable roadways
- scaled representations 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)
- scaled representations of the vehicle and pedestrian at pre-impact, impact, and final rest based upon either:
  - a) physical evidence, or
  - b) reconstructed accident dynamics

Reference Point: Light pole at South Curb edge [redacted]

Reference Line: South Curb Edge

| Item | Distance and Direction from Reference Point | Distance and Direction from Reference Line |
|---|---|---|
| R.P. | 0.6 S of So. Curb Edge | 27.0 W of N/E Curb Edge |
| Light pole on north west curb edge | 18.0 East | 11.0 + 0.6 N |
| ~~Light pole at north west curb~~ | ~~17.9 East~~ | ~~11.0 + 0.6 N~~ |
| Stop sign at north west curb | 24.6 East | 11.0 + 3.8 N. |
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HS Form 0435F (8/95)

| Item | Distance and Direction from Reference Point | Distance and Direction from Reference Line |
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U.S. Department of Transportation
National Highway Traffic Safety Administration

# PEDESTRIAN ACCIDENT COLLISION MEASUREMENT TABLE

NATIONAL ACCIDENT SAMPLING SYSTEM
PEDESTRIAN CRASH DATA STUDY

Primary Sampling Unit Number 4 0

Case Number-Stratum 6 0 2 P

## PEDESTRIAN ACCIDENT COLLISION DATA COLLECTION

- document reference point and reference line relative to physical features
- documentation of all accident induced physical evidence including (if applicable):
  - 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
- 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)

Surface Type: Bit/Asph.

Surface Condition: Wet

Coefficient of Friction: _____

Grade (v/h) Measurement

- a) at impact: 0.0
- b) between impact and final rest: 0.0

Pedestrian Travel Direction: East

Vehicle Travel Direction: East

Number of Travel Lanes: 2

## SCALED DIAGRAM

- north arrow placed on diagram
- grade measurements for all applicable roadways
- scaled representations 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)
- scaled representations of the vehicle and pedestrian at pre-impact, impact, and final rest based upon either:
  - a) physical evidence, or
  - b) reconstructed accident dynamics

Reference Point: Light pole [redacted] At South Curb Edge

Reference Line: South Curb Edge

| Item | Distance and Direction from Reference Point | Distance and Direction from Reference Line |
|---|---|---|
| R.P. = 27.0 West of N/W Curvature | 0.0 | 0.6 South |
| Light Pole At North West curb Edge | 18.0 East | 11.6 North |
| Stop Sign At North West curb | 24.6 East | 14.8 North |
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HS Form 0435F (8/95)

| Item | Distance and Direction from Reference Point | Distance and Direction from Reference Line |
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U.S. Department of Transportation
National Highway Traffic Safety Administration

# PEDESTRIAN ACCIDENT FORM

NATIONAL ACCIDENT SAMPLING SYSTEM
PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number 4 0
2. Case Number - Stratum 6 0 2 P

## IDENTIFICATION

3. Number of General Vehicle Forms Submitted 0 1
4. Date of Accident (Month,Day,Year) [redacted] / [redacted] / 9 5
5. Time of Accident 1 3 4 8

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 0 1

## PEDESTRIAN STUDY CRITERIA

**Pedestrian Definition:**

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

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

**Case Selection Criteria:**

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

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

The pedestrian may not be lying or sitting.

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

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

## PEDESTRIAN ACCIDENT EVENTS

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

## 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

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

# PEDESTRIAN ASSESSMENT FORM

Form Approved
O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM
PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number 4 0

2. Case Number - Stratum 6 0 2 P

3. Pedestrian Number 0 1

10. Pedestrian's Weight 0 7 3
Code actual weight to the nearest kilogram.
(999) Unknown

1 6 0 pounds X .4536 = 7 3 kilograms

## PEDESTRIAN'S CHARACTERISTICS

4. Pedestrian's Age 2 4
Code actual age at time of accident.
(00) Less than one year old (specify by month): _____
(97) 97 years and older
(99) Unknown

5. Pedestrian's Sex 1
(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

6. Pedestrian's Overall Height 1 7 8
Code actual height to the nearest centimeter.
(999) Unknown

7 0 inches X 2.54 = 1 7 8 centimeters

7. Pedestrian's Height - Ground to Knee 9 9
Code to the nearest centimeter.
(999) Unknown

___ ___ inches X 2.54 = ___ ___ centimeters

8. Pedestrian's Height - Ground to Hip 9 9 9
Code to the nearest centimeter.
(999) Unknown

___ ___ inches X 2.54 = ___ ___ ___ centimeters

9. Pedestrian's Height - Ground to Shoulder 9 9 9
Code to the nearest centimeter.
(999) Unknown

___ ___ inches X 2.54 = ___ ___ ___ centimeters

## PEDESTRIAN'S PRE-AVOIDANCE ACTIONS

11. Pedestrian Attitude 1
(1) Standing
(2) Crouching
(3) Kneeling
(4) Bending at waist
(8) Other (specify): _____
(9) Unknown

12. Pedestrian Motion 2
(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

13. Pedestrian's Action Relative to Vehicle 0 3
(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

14. Pedestrian's Body (Chest) Orientation Relative to Striking Vehicle Prior to Avoidance Actions 2
(1) Facing vehicle
(2) Facing away
(3) Left side to vehicle
(4) Right side to vehicle
(8) Other (specify): _____
(9) Unknown


This report is authorized by P.L. 89-563, Title 1, Section 106, 108, and 112. While you are not required to respond, your cooperation is needed to make the results of this data collection effort comprehensive, accurate and timely.

## PEDESTRIAN'S AVOIDANCE ACTIONS

15. Pedestrian's First Avoidance Actions 0 0
    (00) No avoidance actions
    (01) Stopped
    (02) Accelerated pace
    (03) Ran away (along vehicle path)
    (04) Jumped
    (05) Turned toward vehicle
    (06) Turned away from vehicle
    (07) Dove or fell away

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

## PEDESTRIAN'S ORIENTATION AT IMPACT

16. Pedestrian's Head Orientation at Initial Impact 1
    (1) To front
    (2) To left
    (3) To right
    (4) Up
    (5) Down
    (8) Other (specify):_____
    (9) Unknown

17. Pedestrian's Body (Chest) Orientation at Initial Impact 2
    (1) Facing vehicle
    (2) Facing away
    (3) Left side to vehicle
    (4) Right side to vehicle
    (8) Other (specify):_____
    (9) Unknown

18. Pedestrian's Arm Orientation at Initial Impact 0 1
    (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 9 9
    (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 0 2
    (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

21. Police Reported Alcohol Presence For Pedestrian 7
    (0) No alcohol present
    (1) Yes alcohol present
    (7) Not reported
    (9) Unknown

22. Alcohol Test Result For Pedestrian 9 9
    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

    Source: [redacted]

23. Police Reported Other Drug Presence For Pedestrian 7
    (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 9
    (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

## INJURY CONSEQUENCES

25. Injury Severity (Police Rating) 2
    (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 3
    (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) 1
    (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 0 3
    (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 9 7
    ____ 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 (at Medical Facility) 15
    (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) – $HCO_3$ 20
    (00) Not injured
    (01) Injured, ABGs not measured or reported
    (02-50) Code the actual value of the $HCO_3$
    (96) ABGs reported , $HCO_3$ 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 04
    ____ Code the actual number of injuries recorded for this pedestrian.
    (00) No recorded injuries
    (97) Injured, details unknown
    (99) Unknown if injured

ARE ALL APPLICABLE MEDICAL RECORDS INCLUDED WITH INITIAL SUBMISSION?

NO [ ] YES [ ]

UPDATE CANDIDATE? NO [ ] YES [ ]

U.S. Department of Transportation

National Highway Traffic Safety Administration

# PEDESTRIAN INJURY FORM

Form Approved
O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM
PEDESTRIAN CRASH DATA STUDY

| | | | |
|---|---|---|---|
| 1. Primary Sampling Unit Number | 4 0 | 3. Pedestrian Number | 0 1 |
| 2. Case Number - Stratum | 6 0 2 P | 4. Blank | X X |

## INJURY DATA

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

| | Source of Injury Data | AIS-90 Body Region | AIS-90 Type of Anatomic Structure | AIS-90 Specific Anatomic Structure | AIS-90 Level of Injury | AIS-90 A.I.S. Severity | AIS-90 Aspect | Injury Source | Injury Source Confidence Level | Direct/ Indirect Injury | Striking Profile | Type Of Damage | Damage Depth |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1st | 5. 2 | 6. 2 | 7. 5 | 8. 06 | 9. 00 | 10. 1 | 11. 9 | 12. 776 | 13. 2 | 14. 1 | 15. 4 | 16. 3 | 17. 3 |
| 2nd | 18. 2 | 19. 8 | 20. 5 | 21. 16 | 22. 05 | 23. 2 | 24. 1 | 25. 700 | 26. 1 | 27. 1 | 28. 2 | 29. 2 | 30. 2 |
| 3rd | 31. 2 | 32. 8 | 33. 5 | 34. 16 | 35. 05 | 36. 2 | 37. 1 | 38. 700 | 39. 1 | 40. 1 | 41. 2 | 42. 2 | 43. 2 |
| 4th | 44. 3 | 45. 1 | 46. 6 | 47. 04 | 48. 10 | 49. 2 | 50. 0 | 51. 776 | 52. 3 | 53. 1 | 54. 4 | 55. 3 | 56. 3 |
| 5th | 57. | 58. | 59. | 60. | 61. | 62. | 63. | 64. | 65. | 66. | 67. | 68. | 69. |
| 6th | 70. | 71. | 72. | 73. | 74. | 75. | 76. | 77. | 78. | 79. | 80. | 81. | 82. |
| 7th | 83. | 84. | 85. | 86. | 87. | 88. | 89. | 90. | 91. | 92. | 93. | 94. | 95. |
| 8th | 96. | 97. | 98. | 99. | 100. | 101. | 102. | 103. | 104. | 105. | 106. | 107. | 108. |
| 9th | 109. | 110. | 111. | 112. | 113. | 114. | 115. | 116. | 117. | 118. | 119. | 120. | 121. |
| 10th | 122. | 123. | 124. | 125. | 126. | 127. | 128. | 129. | 130. | 131. | 132. | 133. | 134. |

mandible fx

(R) fibula fx

(L) fibula fx

unknown LOC GCS=15 amnesia to event

HS Form 0435I (10/95)

This report is authorized by P.L. 89-563, Title 1, Section 106, 108, and 112. While you are not required to respond, your cooperation is needed to make the results of this data collection effort comprehensive, accurate, and timely.

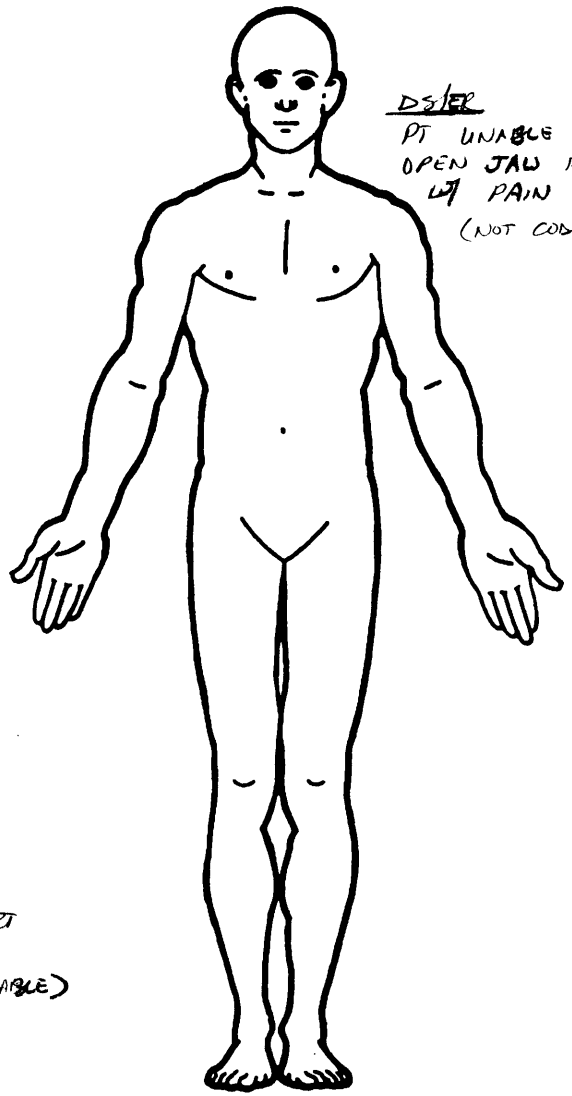
# PEDESTRIAN INJURY DATA

| | Source of Injury Data | AIS-90 Body Region | AIS-90 Type of Anatomic Structure | AIS-90 Specific Anatomic Structure | AIS-90 Level of Injury | AIS-90 A.I.S. Severity | AIS-90 Aspect | Injury Source | Injury Source Confidence Level | Direct/ Indirect Injury | Striking Profile | Type Of Damage | Damage Depth |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11th | | | | | | | | | | | | | |
| 12th | | | | | | | | | | | | | |
| 13th | | | | | | | | | | | | | |
| 14th | | | | | | | | | | | | | |
| 15th | | | | | | | | | | | | | |
| 16th | | | | | | | | | | | | | |
| 17th | | | | | | | | | | | | | |
| 18th | | | | | | | | | | | | | |
| 19th | | | | | | | | | | | | | |
| 20th | | | | | | | | | | | | | |
| 21st | | | | | | | | | | | | | |
| 22nd | | | | | | | | | | | | | |
| 23rd | | | | | | | | | | | | | |
| 24th | | | | | | | | | | | | | |
| 25th | | | | | | | | | | | | | |

# OFFICIAL INJURY DATA — SOFT TISSUE INJURIES

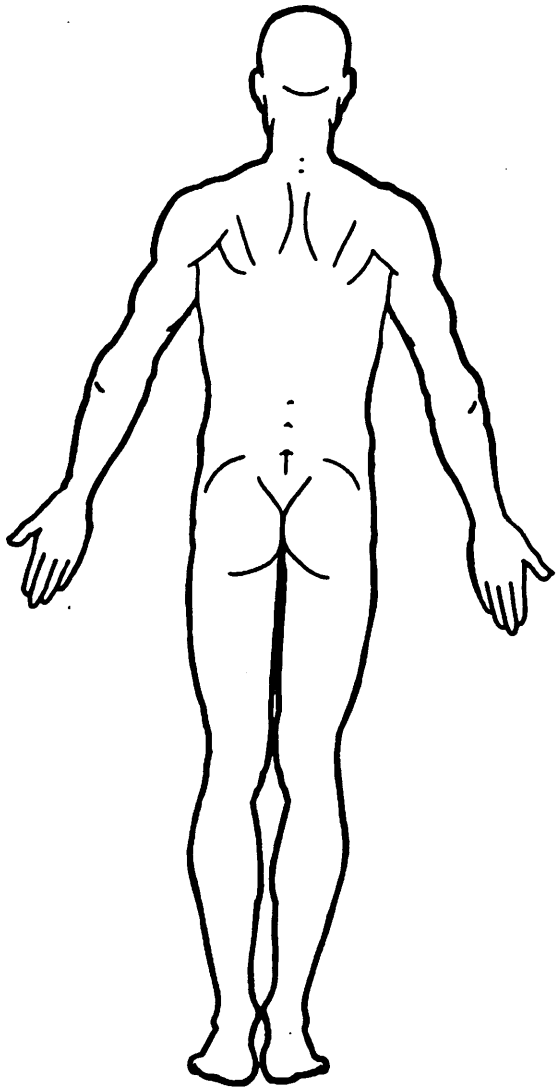
Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

DS: UNKNOW LOSS of CONSCIOUSNESS
ER: AMNESTIC TO EVENTS SURROUNDING ACCIDENT
ETOH INTOXICATED



DS/ER
PT UNABLE TO OPEN JAW FULLY W/ PAIN
(NOT CODEABLE)

TENDER RT TIB/FIB
(NOT CODEABLE)



## 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 Structure

Whole 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 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 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

DS

# 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)

UNKNOWN

BAL = ____

Glasgow Coma Scale Score

GCSS = 15

CN II - VII INTACT

Units of Blood Given

Units = ____

NOT RECORDED

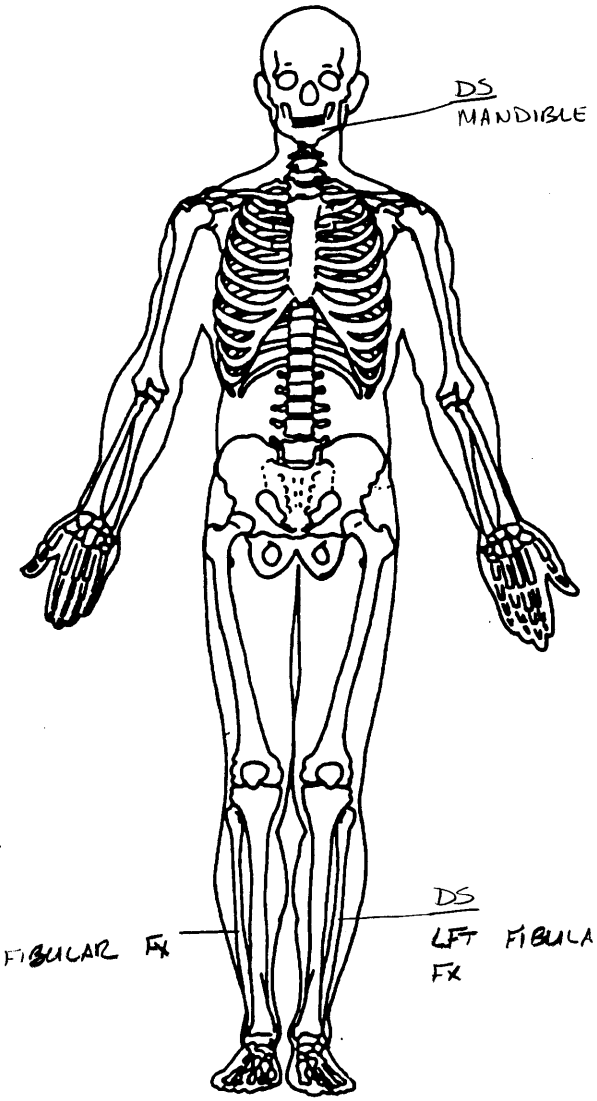
Arterial Blood Gases

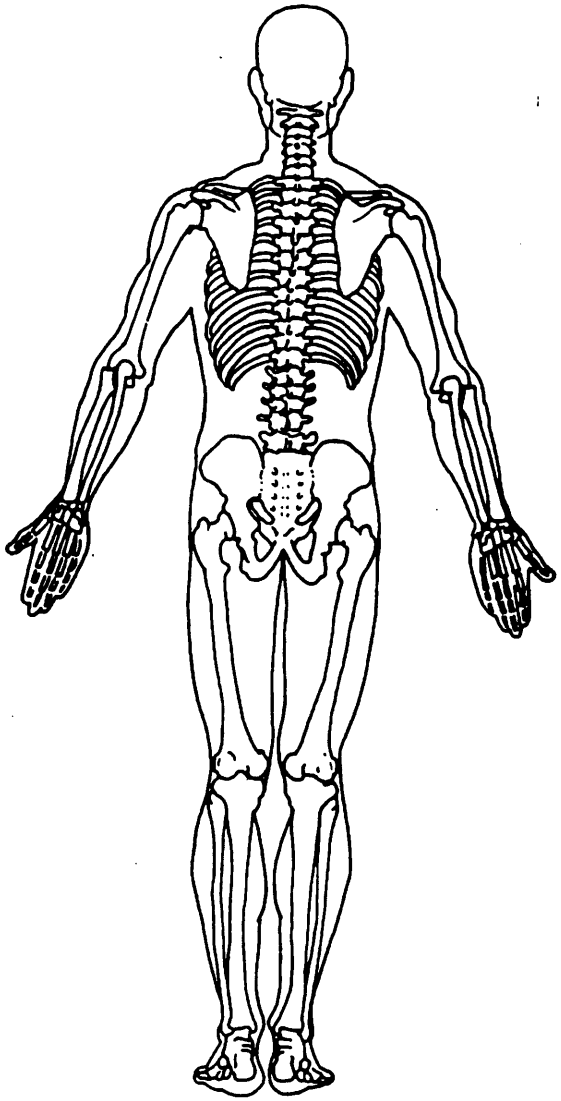
Ph = 7.37

$PO_2$ = 59

$PCO_2$ 34

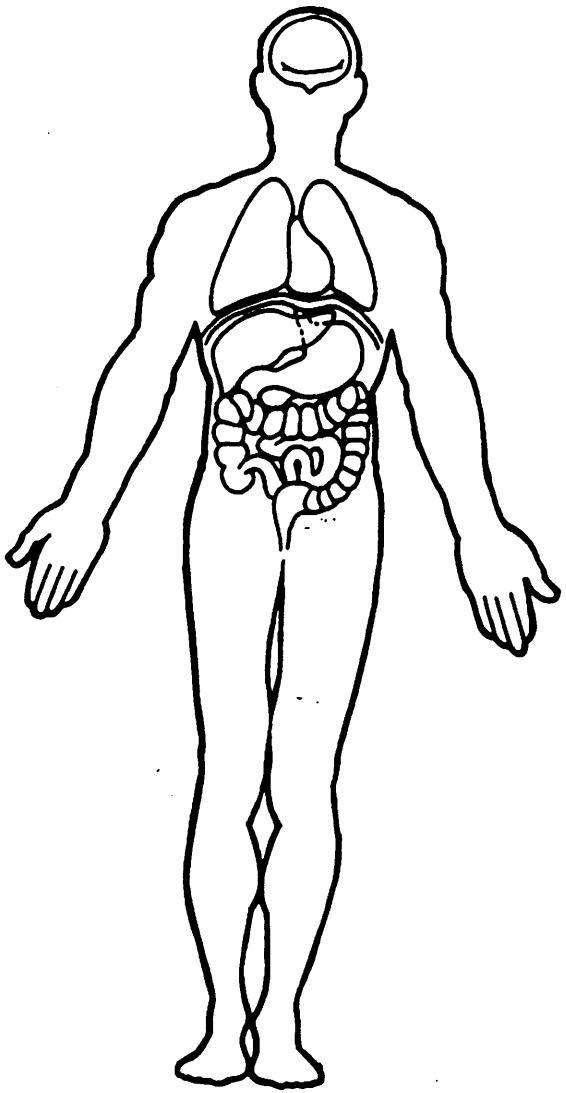
$HCO_3$ 20

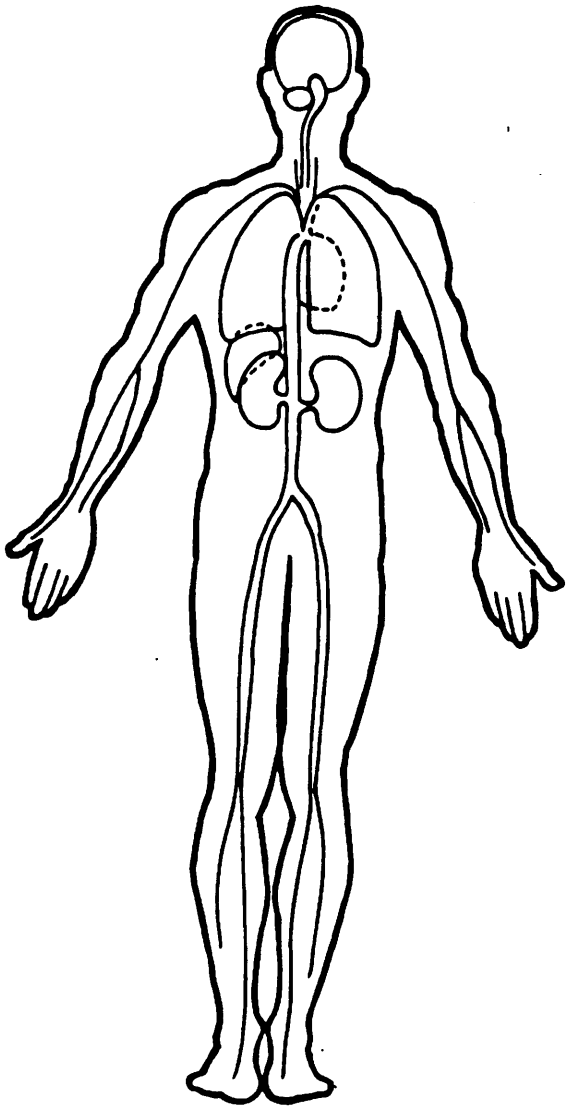


# OFFICIAL INJURY DATA —INTERNAL INJURIES

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.)





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

# PEDESTRIAN GENERAL VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM
PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number 4 0

2. Case Number - Stratum 6 0 2 P

3. Vehicle Number 0 1

## VEHICLE IDENTIFICATION

4. Vehicle Model Year 9 3
Code the last two digits of the model year
(99) Unknown

5. Vehicle Make (specify): 2 0
Chevrolet
Applicable codes are found in your NASS PCDS Data Collection, Coding and Editing Manual.
(99) Unknown

6. Vehicle Model (specify): 0 1 6
Cavalier
Applicable codes are found in your NASS PCDS Data Collection, Coding and Editing Manual.
(999) Unknown

7. Body Type 0 2
Note: Applicable codes may be found on the back of this page.

8. Vehicle Identification Number

1 G 1 J C 1 4 4 9 P 7 [redacted]
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

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

## OFFICIAL RECORDS

9. Police Reported Travel Speed 9 9 9
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 0 4 8
(000) No statutory limit
Code posted or statutory speed limit in kmph
(999) Unknown

30 mph X 1.6093 = 0 4 8 kmph

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

12. Alcohol Test Result For Driver 9 9
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: [redacted]

13. Police Reported Other Drug Presence For Driver 7
(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 9
(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 (≤ 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 (≤ 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 (≤ 4,500 kgs GVWR)
(23) Van based motorhome (≤ 4,500 kgs GVWR)
(24) Van based school bus (≤ 4,500 kgs GVWR)
(25) Van based other bus (≤ 4,500 kgs GVWR)
(28) Other van type (Hi-Cube Van, Kary) (specify):
_____
(29) Unknown van type

*Light Conventional Trucks (Pickup style cab, ≤ 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 (≤ 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 ≤ 8,850 kgs)
(62) Single unit straight truck (8,850 kgs < GVWR ≤ 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 1,150
    ___ Code weight to nearest 10 kilograms.
    (045) Less than 450 kilograms
    (610) 6,100 kilograms or more
    (999) Unknown

    2,526 lbs X .4536 = 1,146 kgs

    Source: Original Specs.

16. Vehicle Cargo Weight 9,990
    ___ Code weight to nearest 10 kilograms.
    (000) Less than 5 kilograms
    (450) 4,500 kilograms or more
    (999) Unknown

    __,___ lbs X .4536 = __,___ kgs

## OTHER DATA

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

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

## RECONSTRUCTION DATA

18. Impact Speed
    + 999
    _____ Nearest kmph

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

19. Accuracy Range of Impact Speed Estimate 9
    (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 0
    (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 9
    (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

23. Critical Precrash Event 8 0

*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 9 9

(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) 9

(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 5
    (0) Non-junction
    (1) Interchange area

    *Non-Interchange*
    (2) Intersection
    (3) Intersection-related
    (4) Drive, alley access related
    (5) Other non-interchange (specify): Non-Intersection
    (6) Unknown type of non-interchange
    (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 2
    (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 2
    (1) Dry
    (2) Wet
    (3) Snow and slush
    (4) Ice
    (5) Sand, dirt or oil
    (8) Other (specify): _____
    (9) Unknown

34. Traffic Control Device 0
    (0) No traffic control(s)
    (1) Trafficway traffic control signal (not RR crossing)

    *Regulatory or School Zone Sign (Not RR Crossing)*
    (2) Stop sign
    (3) Yield sign
    (4) School zone sign
    (5) Other sign (specify): _____
    (6) Unknown sign
    (7) Warning sign (not RR crossing)
    (8) Miscellaneous/other controls including RR controls (specify): _____
    (9) Unknown

35. Traffic Control Device Functioning 0
    (0) No traffic control
    (1) Not Functioning
    (2) Functioning
    (9) Unknown

36. Light Conditions 3
    (1) Daylight
    (2) Dark
    (3) Dark, but lighted
    (4) Dawn
    (5) Dusk
    (9) Unknown

37. Atmospheric Conditions 2
    (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

[redacted]

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

# PEDESTRIAN EXTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM
PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number: 40
2. Case Number - Stratum: 602 P
3. Vehicle Number: 01

## VEHICLE IDENTIFICATION

VIN 1G1JC1449P7[redacted] Model Year 93

Vehicle Make (specify): CHEVROLET Vehicle Model (specify): CAVALIER

## PEDESTRIAN FRONT CONTACT WORK SHEET

| | | |
|---|---|---|
| PEV06 Hood Material | METAL | |
| PEV08 Hood Length | 121 | cm |
| PEV09 Hood Width-Forward Opening | 131 | cm |
| PEV10 Hood Width-Midway | 136 | cm |
| PEV11 Hood Width-Rear Opening | 139 | cm |
| PEV14 Front Bumper Cover Material | PLASTIC | |
| PEV15 Front Bumper Reinforcement Material | UNKNOWN | |

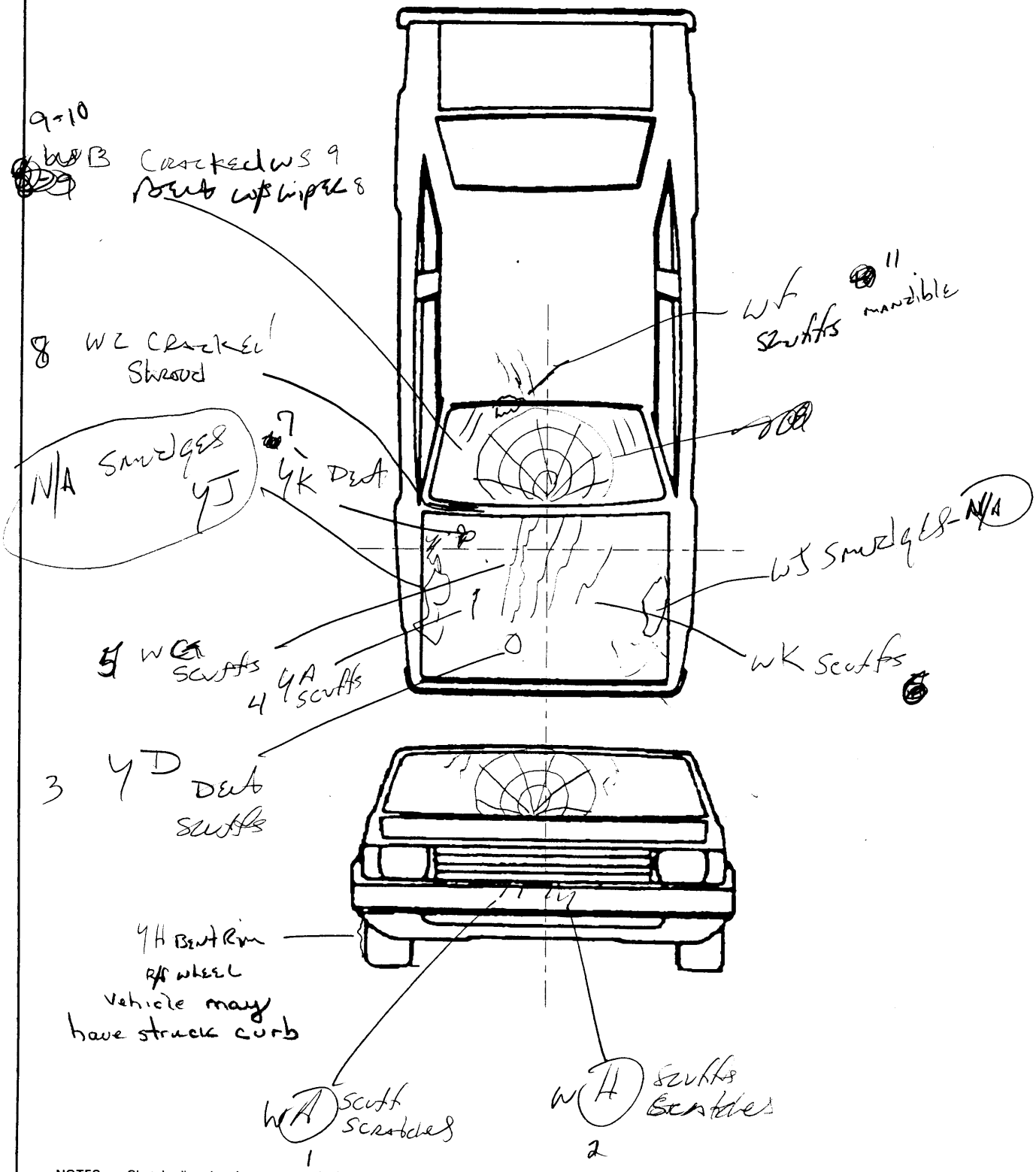
### VERTICAL MEASUREMENTS

| | | |
|---|---|---|
| PEV16 Front Bumper-Bottom Height | 36 | cm |
| PEV17 Front Bumper-Top Height | 61 | cm |
| PEV18 Forward Hood Opening | 68 | cm |
| PEV19 Front Bumper Lead | 13 | cm |

### WRAP DISTANCES

| | | |
|---|---|---|
| PEV20 Ground to Forward Hood Opening | 71 | cm |
| PEV21 Ground to Front/Top Transition Point | 73 | cm |
| PEV22 Ground to Rear Hood Opening | 194 | cm |
| PEV23 Ground to Base of Windshield | 207 | cm |
| PEV24 Ground to Top of Windshield | 273 | cm |
| PEV25 Ground to Head Contact | 268 | 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: ___ ___ ___ 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 Windshield ___ ___ ___ cm

PEV33 Top of A-Pillar at Windshield ___ ___ ___ cm

PEV34 Top of Side View Mirror ___ ___ ___ cm

## LATERAL MEASUREMENTS

PEV35 $C_L$ to A-Pillar at Bottom of Windshield ___ ___ ___ cm

PEV36 $C_L$ to A-Pillar at Top of Windshield ___ ___ ___ cm

PEV37 $C_L$ 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 | 101.3 | inches | x 2.54 | = | 257 | cm |
| Overall Length | 182.3 | inches | x 2.54 | = | 463 | cm |
| Maximum Width | 66.3 | inches | x 2.54 | = | 168 | cm |
| Curb Weight | 2,526 | pounds | x .4536 | = | 1,146 | kg |
| X Average Track | | inches | x 2.54 | = | 132 | cm |
| X Front Overhang | | inches | x 2.54 | = | 113 | cm |
| X Rear Overhang | | inches | x 2.54 | = | 102 | cm |
| X Undeformed End Width | | inches | x 2.54 | = | 139 | cm |
| Engine Size: cyl./displ. | | cc | x .001 | = | 2.2 | L |
| | | CID | x .0164 | = | | L |

## INJURY SOURCE

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

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

Right Side Components
740 Front fender side surface
741 Front antenna
742 A1 pillar
743 A2 pillar
744 B pillar
745 C pillar
746 D pillar
748 Other pillar (specify):_____
749 Right side roof rail
750 Right side door surface
751 Right side door handle
752 Right side mirror fixed housing
753 Right side folding mirror
754 Right side glazing forward of B pillar
755 Right side glazing rearward of B pillar
756 Rear antenna
757 Rear fender or quarter panel
758 Other right side object (specify): _____
759 Unknown right side component

Back Components
760 Rear (back) bumper
761 Tailgate
762 Hatchback, vertical surface
768 Other back component (specify): _____
769 Unknown back component

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

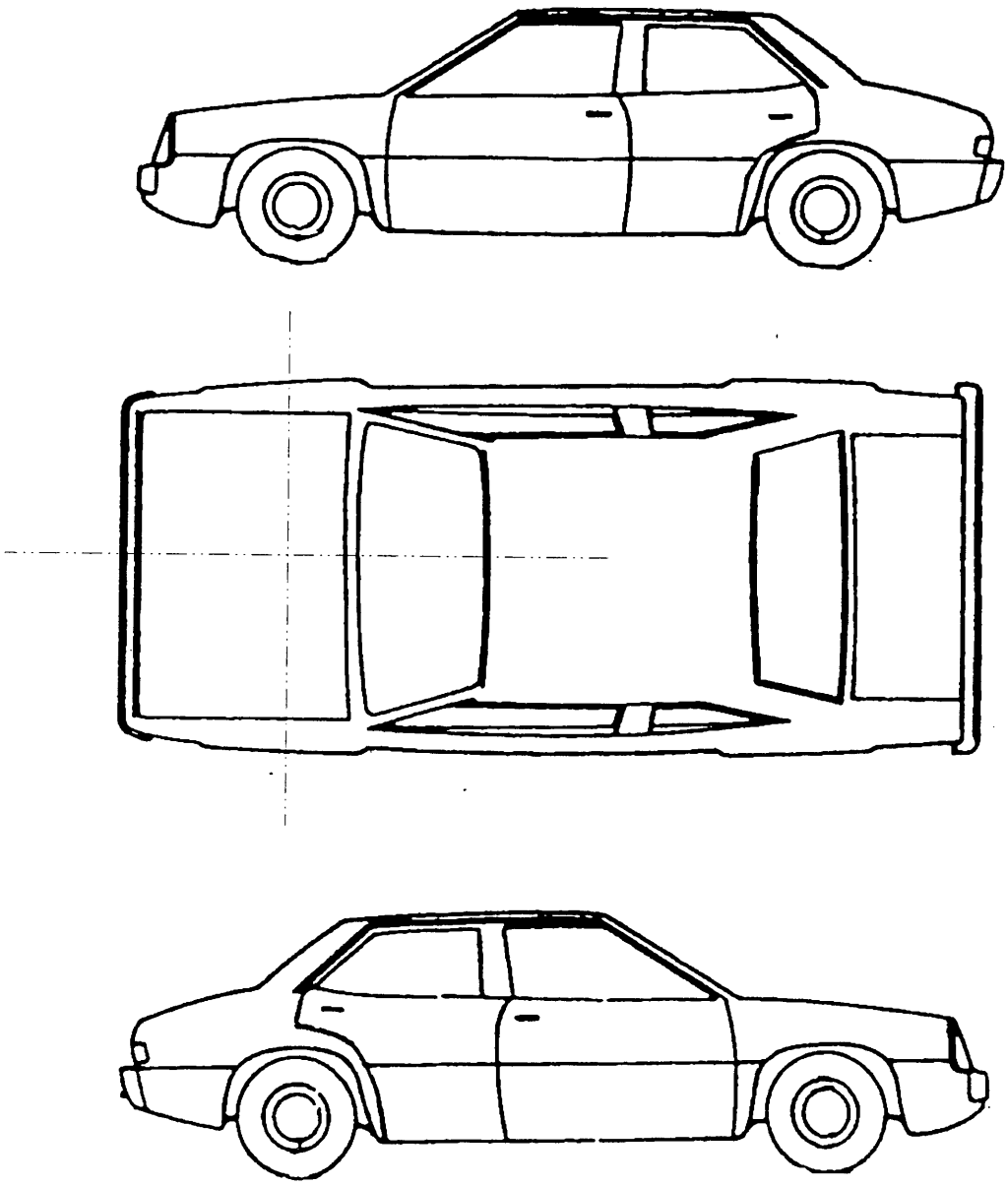
Wheels / tires
790 Left front wheel / tire
791 Right front wheel / tire
792 Left rear wheel / tire
793 Right rear wheel /tire
798 Other wheel / tire (specify): _____
799 Unknown wheel / tire

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

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

Other Object or Vehicle in Environment
947 Ground
948 Other object (specify):_____
949 Unknown object in environment
959 Unknown object on contacting vehicle
997 Noncontact injury source
999 Unknown injury source

## VEHICLE DAMAGE SKETCH



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

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

## POINTS OF PEDESTRIAN CONTACT

### 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 # |
|---|---|---|---|---|---|---|---|---|
| WH | Front Bumper | 51 | -17 | – | Right Leg fibular | Scuffs/Scratches | 1 2 3 9 | |
| WA | Center Bumper | 51 | 18 | – | Left Leg fibular | Scuffs/Scratches | 1 2 3 9 | |
| WJ | to a Hood/Left | 125 | -61 | – | N/A | Smudges | 1 2 3 9 | |
| WK | Top Hood/Left | 129 | -25 | – | | Scuffs/wipes | 1 2 3 9 | |
| YD | Hood Right | 88 | 31 | 0.8cm | | Dent/Scuffs | 1 2 3 9 | |
| WG | Beginning Scuff Hood/Right | 73 | 25 | – | | 140cm long Scuff 140cm long * | 1 2 3 9 | |
| YA | Hood Right | 131 | 45 | – | | Scuffs | 1 2 3 9 | |
| YJ | Hood/Right | 126 | 67 | – | | Smudges | 1 2 3 9 | |
| YK | Rear opening Hood/Right | -191 | 47 | 0.5cm | | Dent | 1 2 3 9 | |
| WC | Scheacle | -204 | 58 | 0.2cm | | CRACK | 1 2 3 9 | |
| WB | Beginning Windshield | -237 | 90cm Diam. | 9cm | | diameter = 90cm CRACKED W/S * | 1 2 3 9 | |
| WF | Roof | -279 | 34 | – | | Wipes | 1 2 3 9 | |
| YH | R/F Wheel | 130 | 129 | – | | 38cm Diam Bent Rim | 1 2 3 9 | |
| WG | Scuff ending Hood/Right | 207 | 25 | – | | Scuff 140cm long * | 1 2 3 9 | |
| WB | Ending windshield | -274 | 90cm Diam | 9cm | | 90cm diam CRACKED W/S * | 1 2 3 9 | |
| | | | | | | | 1 2 3 9 | |
| | | | | | | | 1 2 3 9 | |
| | | | | | | | 1 2 3 9 | |
| | | | | | | | 1 2 3 9 | |
| | | | | | | | 1 2 3 9 | |
| | | | | | | | 1 2 3 9 | |
| | | | | | | | 1 2 3 9 | |
| | | | | | | | 1 2 3 9 | |
| | | | | | | | 1 2 3 9 | |

## 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 | 51 | -17 | - | Left Leg fibula | Scuffs/wipes/scratches | (1) 2 3 9 |
| 2 | 700 | 51 | 18 | - | Right leg fibula | scuffs/wipes/scratches | (1) 2 3 9 |
| 3 | 770 | 88 | 31 | 0.8 cm | Foot, Heel | Dent/scuffs | 1 2 (3) 9 |
| 4 | 770 | 131 | 45 | - | Hip/upper body | Scuffs | 1 2 (3) 9 |
| 5 | 770 | 73 | 25 | - | upper body | wipes/scuffs | 1 2 (3) 9 |
| 6 | 770 | 129 | -25 | - | upper body | wipes/scuffs | 1 2 (3) 9 |
| 7 | 770 | -191 | 47 | 0.5 cm | Right Elbow | Dent to Hood Surface | 1 (2) 3 9 |
| 8 | 773 | -204 | 58 | 0.2 cm | Right Elbow | Cracked Cowl | 1 (2) 3 9 |
| 9 | 774 | -237 | 33 | 7 cm | Right Shoulder | (Center of wiper mounting) Bent wiper mounting | 1 (2) 3 9 |
| 10 | 775 | -237 | 90 cm Diam. | 9 cm | Shoulders/ upper body | Cracked windshield Glazing | (1) 2 3 9 |
| 11 | 775 | -274 | 90 cm Diam. | 9 cm | Shoulders/ upper body | cracked windshield Glazing | (1) 2 3 9 |
| 12 | 777 | -279 | 34 | - | upper body | Wipes | 1 (2) 3 9 |
| 13 | | | | | | | 1 2 3 9 |
| 14 | | | | | | | 1 2 3 9 |
| 15 | | | | | | | 1 2 3 9 |
| 16 | | | | | | | 1 2 3 9 |
| 17 | | | | | | | 1 2 3 9 |
| 18 | | | | | | | 1 2 3 9 |
| 19 | | | | | | | 1 2 3 9 |
| 20 | | | | | | | 1 2 3 9 |
| 21 | | | | | | | 1 2 3 9 |
| 22 | | | | | | | 1 2 3 9 |
| 23 | | | | | | | 1 2 3 9 |
| 24 | | | | | | | 1 2 3 9 |
| 25 | | | | | | | 1 2 3 9 |

## VEHICLE DIMENSIONS

4. Original Wheelbase 2 5 7
   ____ Code to the nearest centimeter
   (999) Unknown

   1 0 1 . 3 inches X 2.54 = 2 5 7 centimeters

5. Original Average Track Width 1 3 2
   ____ Code to the nearest centimeter
   (185) 185 centimeters or more
   (999) Unknown

   5 1 . 9 inches X 2.54 = 1 3 2 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 1 2 1
   ____ Code to the nearest centimeter
   (180) 180 centimeters or more
   (999) Unknown

   4 7 . 6 inches X 2.54 = 1 2 1 centimeter

9. Hood Width Forward Opening 1 3 1
   ____ Code to the nearest centimeter
   (210) 210 centimeters or more
   (999) Unknown

   5 1 . 6 inches X 2.54 = 1 3 1 centimeters

10. Hood Width Midway 1 3 6
    ____ Code to the nearest centimeter
    (210) 210 centimeters or more
    (999) Unknown

    5 3 . 5 inches X 2.54 = 1 3 6 centimeters

11. Hood Width Rear Opening 1 3 9
    ____ Code to the nearest centimeter
    (210) 210 centimeters or more
    (999) Unknown

    5 4 . 7 inches X 2.54 = 1 3 9 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 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 1
    (0) No front contact
    (1) Plastic
    (2) Fiberglass
    (3) Rubber
    (4) Other (specify):_____
    (9) Unknown

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

16. Front Bumper-Bottom Height 0 3 6
    ____ Code to the nearest centimeter
    (000) No front contact
    (150) 150 centimeters or more
    (999) Unknown

    1 4 . 2 inches X 2.54 = 3 6 centimeters

17. Front Bumper-Top Height 0 5 1
____ Code to the nearest centimeter
(000) No front contact
(150) 150 centimeters or more
(999) Unknown

20 . 1 inches X 2.54 = 51 centimeters

18. Forward Hood Opening 0 6 8
____ Code to the nearest centimeter
(000) No front contact
(200) 200 centimeters or more
(999) Unknown

26 . 8 inches X 2.54 = 68 centimeters

19. Front Bumper Lead 1 3
(00) No front contact
____ Code to the nearest centimeter
(30) 30 centimeters or more
(99) Unknown

5 . 1 inches X 2.54 = 13 centimeters

## Front Wrap Distance Measurements

20. Ground to Forward Hood Opening 0 7 1
____ Code to the nearest centimeter
(000) No front contact
(200) 200 centimeters or more
(999) Unknown

28 . 0 inches X 2.54 = 71 centimeters

21. Ground to Front/Top Transition Point 0 7 3
____ Code to the nearest centimeter
(000) No front contact
(180) 180 centimeters or more
(999) Unknown

28 . 7 inches X 2.54 = 73 centimeters

22. Ground to Rear Hood Opening 1 9 4
____ Code to the nearest centimeter
(000) No front contact
(400) 400 centimeters or more
(999) Unknown

76 . 4 inches X 2.54 = 194 centimeters

23. Ground to Base of Windshield 2 0 7
____ Code to the nearest centimeter
(000) No front contact
(400) 400 centimeters or more
(999) Unknown

81 . 5 inches X 2.54 = 207 centimeters

24. Ground to Top of Windshield 2 7 3
____ Code to the nearest centimeter
(000) No front contact
(500) 500 centimeters or more
(999) Unknown

107 . 5 inches X 2.54 = 273 centimeters

25. Ground To Head Contact 2 6 8
____ Code to the nearest centimeter
(000) No front contact
(400) 400 centimeters or more
(998) No head contact
(999) Unknown

105 . 5 inches X 2.54 = 268 centimeters

## SIDE CONTACT DAMAGE

### Side Vertical Measurements

26. Ground Clearance 0 0 0
____ 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 0 0 0
____ 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 0 0 0
____ 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 0 0 0
_____ Code to the nearest centimeter
(000) No side contact
(150) 150 centimeters or more
(999) Unknown

___ ___ ___ . ___ inches X 2.54 = ___ ___ ___ centimeters

30. Top of Tire 0 0 0
_____ Code to the nearest centimeter
(000) No side contact
(200) 200 centimeters or more
(999) Unknown

___ ___ ___ . ___ inches X 2.54 = ___ ___ ___ centimeters

31. Top of Wheel Well Opening 0 0 0
_____ Code to the nearest centimeter
(000) No side contact
(250) 250 centimeters or more
(999) Unknown

___ ___ ___ . ___ inches X 2.54 = ___ ___ ___ centimeters

32. Bottom of A-Pillar at Windshield 0 0 0
_____ Code to the nearest centimeter
(000) No side contact
(250) 250 centimeters or more
(999) Unknown

___ ___ ___ . ___ inches X 2.54 = ___ ___ ___ centimeters

33. Top of A-Pillar at Windshield 0 0 0
_____ Code to the nearest centimeter
(000) No side contact
(300) 300 centimeters or more
(999) Unknown

___ ___ ___ . ___ inches X 2.54 = ___ ___ ___ centimeters

34. Top of Side View Mirror 0 0 0
_____ Code to the nearest centimeter
(000) No side contact
(300) 300 centimeters or more
(999) Unknown

___ ___ ___ . ___ inches X 2.54 = ___ ___ ___ centimeters

## Side Lateral Measurements

35. Centerline to A-Pillar at Bottom of Windshield 0 0 0
(000) No side contact
_____ Code to the nearest centimeter
(250) 250 centimeters or more
(999) Unknown

___ ___ ___ . ___ inches X 2.54 = ___ ___ ___ centimeters

36. Centerline to A-Pillar at Top of Windshield 0 0 0
_____ Code to the nearest centimeter
(000) No side contact
(250) 250 centimeters or more
(999) Unknown

___ ___ ___ . ___ inches X 2.54 = ___ ___ ___ centimeter

37. Centerline to Maximum Side View Mirror Protrusion 0 0 0
_____ Code to the nearest centimeter
(000) No side contact
(300) 300 centimeters or more
(999) Unknown

___ ___ ___ . ___ inches X 2.54 = ___ ___ ___ centimeter

## Side Wrap Distance Measurements

38. Ground to Side/Top Transition 0 0 0
_____ Code to the nearest centimeter
(000) No side contact
(400) 400 centimeters or more
(999) Unknown

___ ___ ___ . ___ inches X 2.54 = ___ ___ ___ centimeters

39. Ground to Hood Edge 0 0 0
_____ Code to the nearest centimeter
(000) No side contact
(500) 500 centimeters or more
(999) Unknown

___ ___ ___ . ___ inches X 2.54 = ___ ___ ___ centimeters

40. Ground to Centerline of Hood 0 0 0
____ 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 0 0 0
____ 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

PSU40 1995 PEDESTRIAN ACCIDENT FORM
CASE 602P

IDENTIFICATION

3. Number of General Vehicle Forms Submitted 01
4. Date of Accident (Month, Day, Year) [redacted]/95
5. Time of Accident (military time) 0148

SPECIAL STUDIES - INDICATORS

6. SS15 0 7. SS16 1 8. SS17 0 9. SS18 0 10. SS19 0

NUMBER OF EVENTS

11. Number of Recorded Events in This Accident 01

PSU40
CASE 602P

# 1995 PEDESTRIAN ACCIDENT FORM

## PEDESTRIAN ACCIDENT EVENTS

| Accident Sequence Number | Vehicle Number | Class of Vehicle | General Area of Damage | Veh. Num. or Obj. Cont. | Class of Vehicle | General Area of Damage |
|---|---|---|---|---|---|---|
| 12. 01 | 13. 01 | 14. 02 | 15. F | 16. 72 | 17. 00 | 18. 0 |

PSU40 1995 PEDESTRIAN INJURY FORM
CASE 602P
VEHICLE 01 PEDESTRIAN 01

PEDESTRIAN INJURY DATA

| | Source of Inj. Data | Body Reg. | Type of Anat. Struc. | Spec. Anat. Struc. | Lev. of Inj. | AIS Sev. | Asp. | Inj. Source | Inj. Source Conf. Level | Dir./ Indir. Inj. | Str. Pro. | Type of Dmg. | Dmg. Dep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01. | _ | _ | _ | __ | __ | _ | _ | ___ | _ | _ | _ | _ | _ |
| 02. | _ | _ | _ | __ | __ | _ | _ | ___ | _ | _ | _ | _ | _ |
| 03. | _ | _ | _ | __ | __ | _ | _ | ___ | _ | _ | _ | _ | _ |
| 04. | _ | _ | _ | __ | __ | _ | _ | ___ | _ | _ | _ | _ | _ |

PSU40 1995 PEDESTRIAN INJURY FORM
CASE 602P
VEHICLE 01 PEDESTRIAN 01

PEDESTRIAN INJURY DATA

| | Source of Inj. Data | Body Reg. | Type of Anat. Struc. | Spec. Anat. Struc. | Lev. of Inj. | AIS Sev. | Asp. | Inj. Source | Inj. Source Conf. Level | Dir./ Indir. Inj. | Str. Pro. | Type of Dmg. | Dmg. Dep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01. | 2 | 2 | 5 | 06 | 00 | 1 | 9 | 775 | 1 | 1 | 2 | 5 | 4 |
| 02. | 2 | 8 | 5 | 16 | 05 | 2 | 1 | 700 | 1 | 1 | 2 | 2 | 2 |
| 03. | 2 | 8 | 5 | 16 | 05 | 2 | 1 | 700 | 1 | 1 | 2 | 2 | 2 |
| 04. | 3 | 1 | 6 | 04 | 10 | 2 | 0 | 775 | 2 | 1 | 2 | 5 | 5 |

PSU40 1995 PEDESTRIAN GENERAL VEHICLE FORM
CASE 602P
VEHICLE 01

VEHICLE IDENTIFICATION

| | |
|---|---|
| 4. Vehicle Model Year | 93 |
| 5. Vehicle Make | 20 |
| 6. Vehicle Model | 016 |
| 7. Body Type | 02 |
| 8. Vehicle Identification Number | 1G1JC1449P7[redacted] |

OFFICIAL RECORDS

| | |
|---|---|
| 9. Police Reported Travel Speed | 999 |
| 10. Speed Limit | 048 |
| 11. Police Reported Alcohol Presence For Driver | 7 |
| 12. Alcohol Test Result For Driver | 99 |
| 13. Police Reported Other Drug Presence | 7 |
| 14. Other Drug Specimen Test Result for Driver | 9 |

VEHICLE WEIGHT ITEMS

| | |
|---|---|
| 15. Vehicle Curb Weight | 1,150 |
| 16. Vehicle Cargo Weight | 9,990 |

OTHER DATA

| | |
|---|---|
| 17. Vehicle Special Use (This Trip) | 0 |

RECONSTRUCTION DATA (COMPLETED BY THE ZONE CENTER)

| | |
|---|---|
| 18. Impact Speed | +999 |
| 19. Accuracy Range of Impact Speed Estimate | 9 |
| 20. Data Source of Impact Speed | 0 |

PRECRASH DATA

| | |
|---|---|
| 21. Driver's Attention to Driving | 9 |
| 22. Pre-Event Vehicle Movement | 01 |

PRECRASH DATA (continued)

| | | |
|---|---|---|
| 23. | Critical Precrash Event | 80 |
| 24. | Attempted Avoidance Maneuver | 99 |
| 25. | Precrash Stability After Avoidance Maneuver | 2 |
| 26. | Precrash Directional Consequences of Avoidance Manuver (Corrective Action) | 9 |

ENVIRONMENTAL DATA

| | | |
|---|---|---|
| 27. | Relation to Junction | 5 |
| 28. | Trafficway Flow | 1 |
| 29. | Number of Travel Lanes | 2 |
| 30. | Roadway Alignment | 1 |
| 31. | Roadway Profile | 1 |
| 32. | Roadway Surface Type | 2 |
| 33. | Roadway Surface Condition | 2 |
| 34. | Traffic Control Device | 0 |
| 35. | Traffic Control Device Functioning | 0 |
| 36. | Light Conditions | 3 |
| 37. | Atmospheric Conditions | 2 |

INTRA ERRORS

GG3231 1 If AVOIDANCE MANEUVER PGV24 equals 99, then PRECRASH
GG3232 STABILITY PGV25 must equal 9.

PSU40 1995 PEDESTRIAN GENERAL VEHICLE FORM
CASE 602P
VEHICLE 01

VEHICLE IDENTIFICATION

| | |
|---|---|
| 4. Vehicle Model Year | 93 |
| 5. Vehicle Make | 20 |
| 6. Vehicle Model | 016 |
| 7. Body Type | 02 |
| 8. Vehicle Identification Number | 1G1JC1449P7[redacted] |

OFFICIAL RECORDS

| | |
|---|---|
| 9. Police Reported Travel Speed | 999 |
| 10. Speed Limit | 048 |
| 11. Police Reported Alcohol Presence For Driver | 7 |
| 12. Alcohol Test Result For Driver | 99 |
| 13. Police Reported Other Drug Presence | 7 |
| 14. Other Drug Specimen Test Result for Driver | 9 |

VEHICLE WEIGHT ITEMS

| | |
|---|---|
| 15. Vehicle Curb Weight | 1,150 |
| 16. Vehicle Cargo Weight | 9,990 |

OTHER DATA

| | |
|---|---|
| 17. Vehicle Special Use (This Trip) | 0 |

RECONSTRUCTION DATA (COMPLETED BY THE ZONE CENTER)

| | |
|---|---|
| 18. Impact Speed | +999 |
| 19. Accuracy Range of Impact Speed Estimate | 9 |
| 20. Data Source of Impact Speed | 0 |

PRECRASH DATA

| | |
|---|---|
| 21. Driver's Attention to Driving | 9 |
| 22. Pre-Event Vehicle Movement | 01 |

PRECRASH DATA (continued)

| | |
|---|---|
| 23. Critical Precrash Event | 80 |
| 24. Attempted Avoidance Maneuver | 99 |
| 25. Precrash Stability After Avoidance Maneuver | 9 |
| 26. Precrash Directional Consequences of Avoidance Manuver (Corrective Action) | 9 |

ENVIRONMENTAL DATA

| | |
|---|---|
| 27. Relation to Junction | 5 |
| 28. Trafficway Flow | 1 |
| 29. Number of Travel Lanes | 2 |
| 30. Roadway Alignment | 1 |
| 31. Roadway Profile | 1 |
| 32. Roadway Surface Type | 2 |
| 33. Roadway Surface Condition | 2 |
| 34. Traffic Control Device | 0 |
| 35. Traffic Control Device Functioning | 0 |
| 36. Light Conditions | 3 |
| 37. Atmospheric Conditions | 2 |

PSU40 1995 PEDESTRIAN EXTERIOR VEHICLE FORM
CASE 602P

VEHICLE 01

VEHICLE DIMENSIONS

| | | |
|---|---|---|
| 4. | Original Wheelbase | 257 |
| 5. | Original Average Track Width | 132 |
| 6. | Hood Material | 3 |
| 7. | Hood Original Equip. Manufacturer | 1 |
| 8. | Hood Length | 121 |
| 9. | Hood Width Forward Opening | 131 |
| 10. | Hood Width Midway | 136 |
| 11. | Hood Width Rear Opening | 139 |
| 12. | Hood/Fender Vertical/Lateral Crush From Pedestrian | 1 |
| 13. | Windshield Contact Damage From Pedestrian Contact | 2 |

FRONT CONTACT DAMAGE

FRONT VERTICAL MEASUREMENTS

| | | | | | |
|---|---|---|---|---|---|
| 14. | Front Bumper Cover Material | 1 | 15. | Front Bumper Reinforcement Mat. | 9 |
| 16. | Front Bumper-Bottom Height | 036 | 17. | Front Bumper-Top Height | 051 |
| 18. | Forward Hood Opening | 068 | 19. | Front Bumper Lead | 13 |

FRONT WRAP DISTANCE MEASUREMENTS

| | | | | | |
|---|---|---|---|---|---|
| 20. | Ground to Fwd. Hood Opening | 071 | 21. | Ground to Front/Top Transition Pt | 073 |
| 22. | Ground to Rear Hood Opening | 194 | 23. | Ground to Base of Windshield | 207 |
| 24. | Ground to Top of Windshield | 273 | 25. | Ground to Head Contact | 268 |

SIDE CONTACT DAMAGE

SIDE VERTICAL MEASUREMENTS

| | | |
|---|---|---|
| 26. | Ground Clearance | 000 |
| 27. | Side Bumper-Bottom Height | 000 |
| 28. | Side Bumper-Top Height | 000 |
| 29. | Centerline of Wheel | 000 |
| 30. | Top of Tire | 000 |
| 31. | Top of Wheel Well Opening | 000 |
| 32. | Bottom of A-Pillar at Windshield | 000 |
| 33. | Top of A-Pillar at Windshield | 000 |
| 34. | Top of Side View Mirror | 000 |

SIDE CONTACT DAMAGE (continued)

SIDE LATERAL MEASUREMENTS

| | |
|---|---|
| 35. Centerline to A-Pillar at Bottom of Windshield | 000 |
| 36. Centerline to A-Pillar at Top of Windshield | 000 |
| 37. Centerline to Maximum Side View Mirror Protrusion | 000 |

SIDE WRAP DISTANCE MEASUREMENTS

| | |
|---|---|
| 38. Ground to Side/Top Transition | 000 |
| 39. Ground to Hood Edge | 000 |
| 40. Ground to Centerline of Hood (Origin) | 000 |
| 41. Ground to Head Contact | 000 |

PSU40 1995 PEDESTRIAN EXTERIOR VEHICLE FORM
CASE 602P
VEHICLE 01

VEHICLE DIMENSIONS

| | | |
|---|---|---|
| 4. | Original Wheelbase | 257 |
| 5. | Original Average Track Width | 132 |
| 6. | Hood Material | 3 |
| 7. | Hood Original Equip. Manufacturer | 1 |
| 8. | Hood Length | 121 |
| 9. | Hood Width Forward Opening | 131 |
| 10. | Hood Width Midway | 136 |
| 11. | Hood Width Rear Opening | 139 |
| 12. | Hood/Fender Vertical/Lateral Crush From Pedestrian | 1 |
| 13. | Windshield Contact Damage From Pedestrian Contact | 2 |

FRONT CONTACT DAMAGE

FRONT VERTICAL MEASUREMENTS

| | | | | | |
|---|---|---|---|---|---|
| 14. | Front Bumper Cover Material | 1 | 15. | Front Bumper Reinforcement Mat. | 9 |
| 16. | Front Bumper-Bottom Height | 036 | 17. | Front Bumper-Top Height | 051 |
| 18. | Forward Hood Opening | 068 | 19. | Front Bumper Lead | 13 |

FRONT WRAP DISTANCE MEASUREMENTS

| | | | | | |
|---|---|---|---|---|---|
| 20. | Ground to Fwd. Hood Opening | 071 | 21. | Ground to Front/Top Transition Pt | 073 |
| 22. | Ground to Rear Hood Opening | 194 | 23. | Ground to Base of Windshield | 207 |
| 24. | Ground to Top of Windshield | 273 | 25. | Ground to Head Contact | 268 |

SIDE CONTACT DAMAGE

SIDE VERTICAL MEASUREMENTS

| | | |
|---|---|---|
| 26. | Ground Clearance | 000 |
| 27. | Side Bumper-Bottom Height | 000 |
| 28. | Side Bumper-Top Height | 000 |
| 29. | Centerline of Wheel | 000 |
| 30. | Top of Tire | 000 |
| 31. | Top of Wheel Well Opening | 000 |
| 32. | Bottom of A-Pillar at Windshield | 000 |
| 33. | Top of A-Pillar at Windshield | 000 |
| 34. | Top of Side View Mirror | 000 |

SIDE CONTACT DAMAGE (continued)

SIDE LATERAL MEASUREMENTS

| | | |
|---|---|---|
| 35. | Centerline to A-Pillar at Bottom of Windshield | 000 |
| 36. | Centerline to A-Pillar at Top of Windshield | 000 |
| 37. | Centerline to Maximum Side View Mirror Protrusion | 000 |

SIDE WRAP DISTANCE MEASUREMENTS

| | | |
|---|---|---|
| 38. | Ground to Side/Top Transition | 000 |
| 39. | Ground to Hood Edge | 000 |
| 40. | Ground to Centerline of Hood (Origin) | 000 |
| 41. | Ground to Head Contact | 000 |

PSU40
CASE 602P
CURRENT VERSION: 8.05

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 | 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 | |

40602P00000011[redacted]958.05000000000001014801000001[redacted]95 [redacted]96[redacted]95000000000
00000000000000 01
40602P00010012[redacted]958.05100000000000102F72000
40602P00010021 8.05 00000000024117899999999907312032001201990279979231039715
120000000004
40602P00010131 8.05 00000000022506001977621433
40602P00010231 8.05 00000000028516052170011222
40602P00010331 8.05 00000000028516052170011222
40602P00010431 8.05 00000000031604102077631433
40602P01000041 8.05 00000000093200160216 1JC1449P7[redacted]99904879979115999099
99090180999951211220032
40602P01000051 8.05 00000000025713231121131136139121903605106813071073194 20
72732680000000000000000000000000000000000000000000000000
40602P99999999900000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000