



Pedestrian Crash Investigation Data sheet

Riverdale, Maryland

HWY16SH009

(10 pages)

Pedestrian Crash Investigation Data

- FIRST: Identify all overhead wires, and sketch on rough scene diagram where you can and cannot use GoPro extension pole.**

1.0 SCENE

1.1 Crash Location

- 1.1.1 Town: Riverdale Park
- 1.1.2 State: Maryland
- 1.1.3 Route name: Kenilworth Avenue
- 1.1.4 Route number: 201
- 1.1.5 Milepost: _____
- 1.1.6 Speed limit: 35
- 1.1.7 Number travel lanes: 6
- 1.1.8 Road type (*See binder for definitions*):
- Interstate Expressway Arterial Collector Local
- 1.1.9 Road department: City County State Federal
- 1.1.10 Roadway alignment (*e.g., curved right or left, straight, etc.*):
- Straight
- 1.1.11 Sidewalk: Yes No
- 1.1.12 Marked crosswalk: Yes No
- 1.1.13 Describe roadside terrain: Grass/wooded

1.1.14 Intersection: Yes No

If yes, name cross street: Tuckerman Street

1.1.15 GPS latitude: 38.967265

1.1.16 GPS longitude: -76.918150

1.2 Date of crash: 04-24-2016

1.3 Local time: ~~2120~~ 9:20 p.m.

1.4 Weather conditions: Clear

1.5 PROVIDE Scene diagram (*Send .pdf attachment*) of locations of the victim and vehicle along with any evidence showing the path of travel for the pedestrian and the vehicle. Note anything unusual about roadway surface or defects. Label diagram, and provide GoPro scan of vehicle and immediate highway location (could be two separate scans).

Listed below are suggestions for inclusion in the scene diagram.

1.5.1 Roadway point of impact (lighter objects typically land closer to impact area)

1.5.2 Area body first strikes the ground – point of first landing

1.5.3 Distance from point of impact to rest (total post-impact displacement)

1.5.4 Distance traveled in the air

1.5.5 Distance slid along the road/ground (ignore skid skips)

1.5.6 Pre and post impact length of vehicle skid marks

1.5.7 Angle between skid marks of vehicle and final rest position

1.5.8 Location of any victim personal effects and body evidence

Need data for calculating speeds and doing a time distance analysis. Suggest using .70 unless reasons lead to another value.

- 1.6 Describe other roadway evidence (*e.g., skid marks, ABS evidence, tire prints, surface scrapes, glass, vehicle parts, etc.*):

Two distinct tire (skid) marks originating from the middle northbound lane just prior to the intersection (at the south side stop bar) and continued north into the intersection at an angle; moving towards the left center median area. The left tire (skid) mark measured 52 feet, the right tire (skid) mark 40 feet. Vehicle debris found northside of intersection. The debris was clear and amber plastic from right headlight. Additional evidence included various articles of the decedent's clothing and personal effects (bag of groceries) Blood spatter located on right side of road adjacent to shoulder and continues north to place of final rest. Total distance traveled by decedent was 52 feet.

- 1.7 Document any traffic control devices in the vicinity:

The crash location is a four way intersection that is controlled by traffic signals for vehicular traffic only. There are no pedestrian crosswalk and no pedestrian walk signal included in the light timing.

- 1.8 Describe surrounding features (*e.g., school zone, housing development, urban, industrial, rural, etc.*):

The area adjacent to the crash site is zone for both residential and commercial uses. There are private residences, a medical complex with multiple buildings and a church. On the east side of the roadway is a transit bus stop that is located on the right shoulder of the road. There are no sidewalks on this portion of the roadway or in the immediate area of the intersection.

1.9 Crash Type (From FHWA PBCAT – Ped Bike Crash Analysis Tool.

See binder for 3-digit code.): 760

1.9.1 Motorist direction:

Northbound Southbound Eastbound Westbound Unknown

1.9.2 Motorist maneuver: Left turn Right turn Straight Unknown

1.9.3 Leg of intersection: Nearside Far side Unknown

1.9.4 Pedestrian direction:

Northbound Southbound Eastbound Westbound Unknown

1.10 Number/letter code of intersection diagram in relation to movement of vehicle and pedestrian. (See binder for diagrams.): 1

1.11 Timelines for both driver and pedestrian (24-hour or right before the crash):

1.12 Conspicuity analysis or evidence of obstructed view for both driver and pedestrian (environmental light conditions, dark clothing, area lighting, parked cars, utility poles, trees, etc.) Consider videotaping relatively same size person dressed similarly at same time of day.

Street lights were present and functioning on the northwest, northeast and southwest corners. There is parking lane located on the east side of the roadway. There are trees and utility poles on both sides of the roadway. Roadway is divided by a concrete median located south of the intersection and a grass median north of the intersection.

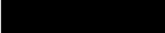
Pedestrian was wearing a red shirt, blue jeans, a black ball cap and red tennis shoes.

1.13 PROVIDE police report (include 911 call time)

1.14 PROVIDE past crash history at same location and along road segment (5 years from state DOT or local)

2.0 PEDESTRIAN

2.1 Number of pedestrians (*NOTE: If more than one pedestrian was involved in the crash, open new form and complete this section for each additional pedestrian.*): 1

2.2 Victim age or date of birth (DOB):  _____

2.3 Victim sex: Male

2.4 Victim race: Hispanic

2.5 Alcohol involved: Yes No Unknown

2.6 Drug involved: Yes No Unknown

2.7 Victim height: 5'6

2.8 Body measurements

2.8.1 From heels to knees: _____

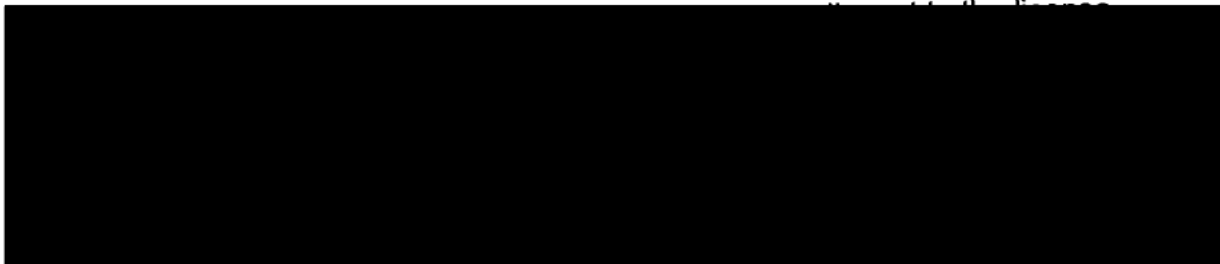
2.8.2 From heels to hips: _____

2.8.3 From heels to navel: 3'4

2.8.4 From heels to shoulders: _____

2.9 Victim's height: 5'6

2.10 Describe victim evidence on scene (including side of impact and any evidence of secondary impact with vehicle and ground, clothing, shoes, personal effects, cell phone, body parts, body fluids, etc.).



2.11 Was there evidence of the body being run over? Yes No

2.12 Cell phone recovered: Yes No

2.13 If yes, location of cell phone: Pocket Bag Apart from body

2.14 Final pedestrian position: Intersection Crosswalk Travel lane
 Shoulder Sidewalk Driveway Non-roadway

2.15 Pedestrian impact kinematics (See binder for definitions.):

- Wrap Forward projection Fender vault Somersault
 Roof vault Dragged

2.16 Injury description; characterize blunt force trauma as (Select as many as apply):

- Contusions Fractures Lacerations Abrasions

Describe injuries:

Pedestrian sustained massive blunt impact trauma to the head, a compound fracture to the right arm, a possible fractured right clavicle, minor injury to the left elbow and arm and abrasions with the on the lateral and posterior portion of the right leg at knee height.

2.17 PROVIDE hospital medical records


2.18 PROVIDE toxicology report

2.19 PROVIDE victim's cell phone use records

2.20 PROVIDE autopsy or medical examiners report (including impact locations, internal injuries, head injuries, broken bones, tension wedge fracture in the leg)

3.0 VEHICLE

3.1 Hit and run: Yes No

3.2 Driver age or date of birth (DOB):  _____

3.3 Driver sex: Female

3.4 Driver race: Black

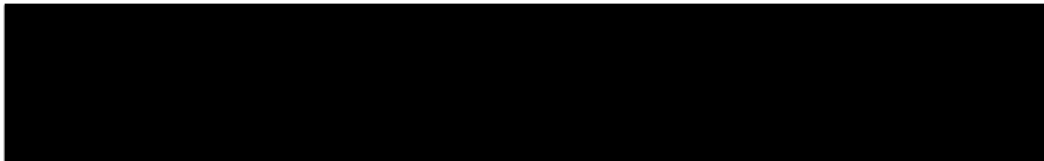
3.5 Alcohol involved: Yes No Unknown

3.6 Drug involvement: Yes No Unknown

3.7 Driver injury: Yes No If injured, describe:


3.8 Driver citation: Yes No If cited, describe charges:

3.9 Driving history:



3.10 PROVIDE driver cell phone records

3.11 Vehicle make and model: Toyota Corolla

3.12 Vehicle estimated original speed before crash:  _____

3.13 Vehicle speed at impact:  _____

3.14 PROVIDE vehicle photographs (*8-profile, all 4 sides, all 4 corners, and damage photographs as a series of progressively closer shots.*)

3.15 Describe vehicle (e.g., mechanical condition, vehicle damage and debris, glass broken, molding and components missing, paint fragments, antenna, wipers, parts numbers).

Vehicle sustained scratches to the front bumper adjacent to license plate, damage to the right headlight, right front quarter panel, "A" pillar and right passenger side windshield.

3.16 If vehicle is already impounded, was it moved by: Flatbed Towed

3.17 Vehicle measurements

3.17.1 Bumper height from ground to bottom of bumper: 11"

3.17.2 Bumper height from ground to top of bumper: 15"

3.17.3 Calculate bumper lead angle: N/A

3.17.4 Height of hood from ground to front edge: 24"

3.17.5 Height of hood at intersection with bottom of windshield: 33"

3.17.6 Length of hood from leading edge to bottom of windshield: 40 1/2"

3.17.7 Distance from leading edge of hood to top of windshield: 70 1/2"

3.17.8 Height of the roof: 52 1/2"

3.18 Airbag release: Yes No

3.19 PROVIDE airbag module for data download

3.20 PROVIDE video records from surrounding vehicles or buildings