

## ACCIDENT SCENE REPORT

The car accident occurred at 1:00 AM on a Saturday night. Two cars were involved. One car was a Honda Pilot and the other vehicle was a Ford Taurus. It was raining at this time and the accident happened at an intersection of two asphalt roads. The Honda Pilot was traveling on a road with a speed limit of 45 MPH. The Ford Taurus was also traveling on a road with a speed limit of 45 MPH. At the intersection was a stop light. The Honda Pilot had damage to the front of the vehicle. The Ford Taurus had damage to the rear quarter. People in both vehicles required medical treatment.

### Accident Scene Information

This section should further expand upon the details of the Narratives and be used to create the scale drawing. This section of the form should be concise and provide critical information using math and science concepts. As part of this section you may want to provide law enforcement with the math and science formulas that they will need to use to find answers to questions relating to the accident. What formulas would you suggest and why should law enforcement use these formulas? Below are some ideas for your consideration:

- Determination of Post Collision Speed
- Force of Impact
- Velocity
- Forces Impacting People Involved

In addition, complete the form based upon the scenario you have created within your narrative. Be sure that all of the critical information is present. This should allow you to make an informed decision related to who may have been at fault for the accident.

### Narrative Conclusion:

You will need to create this section so that the investigating officer can make an informed decision relating to the cause of the accident. Within this section, provide the officers with an opportunity to make this informed decision through the information gathered and the use of math and science concepts. Some areas to consider may include:

- Passenger Information
- Weather & Road Conditions
- Vehicle Weights Taken At Scene
- Test Skids and Drag Factor
- Occupant Information
- Standard Auto Statistics Crush Evaluation

With all of the information you have developed, briefly conclude who was to blame supported by the diagram and Accident Scene Report form. Discuss why this information may be more important than eyewitness testimony.

---