**Discussion**

<SAMPLE>

I viewed \_\_\_\_\_\_\_\_\_\_ vehicle, a 2000 Chevy Silverado, after our visit. She stated that there was structural damage noticed during the tear down of the rear bumper which has been repaired.

We spoke about how significant injuries are sustained by people like her when there is little to no property damage. I explained the law of conservation of energy which states that energy can neither be created nor distroyed, it can only be transferred. When vehicles crush, they absorb energy which spares the occupant of the vehicle. What injures people is a change in position, i.e. inertial changes.

It would be foolish to look at the ground when a person jumped off a building and claiming that there could not possibly be any injuries simply because the ground was unaffected. It is the reason a pole vaulter lands on a soft pad that crushes as it absorbs the forces rather than the hard concrete ground that does not absord any of the forces.

The fact that her vehicle sustained minor structural damage after being crashed into by a large commercial truck means that the voluminous force on impact was not absorbed by the vehicle but rather transferred to other parts of the vehcicle, including the occupant, resulting in serious bodily injury.

Sincerely,

Your Name, DC

Certified Impairment Rater