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**Testimony to the House Transportation Committee  
In Support of HB2146  
February 1, 2023**

Chairman Francis and Committee Members:

Our associations support HB2146. Speeding violations have increased in both numbers and rates of speed over the past several years.

This bill targets those violators who are driving in excess of 30 mph over the speed limit. Such as 105 mph in a 75 mph zone, 95 mph in a 65 mph zone, 50 mph in a 20 mph zone, etc. These levels of speeding violations are egregious. They pose a high risk not only because of the high speed, but also because it greatly reduces the opportunity for the driver to react to brake or to take evasive action if something unexpected happens. The vehicle’s ability to stop as quickly and the vehicle’s ability to steer away from the hazard are greatly reduced with higher speeds.

The kinetic energy of the vehicle, a component of the weight and speed of the vehicle, is greatly increased at a higher speed. Doubling the speed will quadruple the kinetic energy. For example:

Speed zone	Speed	Increase in Kinetic Energy
20	50	6.25 times as great
30	60	4.00 times as great
45	75	2.78 times as great
55	85	2.39 times as great
65	95	2.14 times as great
75	105	1.96 times as great

It is this kinetic energy that increases the damage to vehicles and injury to the people involved in an accident.

This bill leaves these speeding charges as traffic infractions. It justifiably significantly increases the fines. The hope is the change will create a higher awareness by speeding drivers and gain more voluntary compliance.

We encourage you to recommend the bill favorably.

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