

## Truck Trailer Impacts Highway 19 Overpass at Ingersoll Ontario In Early Hours of August 10, 2011

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Evidence of the extent to which the semi-trailers can sway on a high speed expressway was demonstrated yesterday when a trailer struck the edge of a concrete support of the Highway #19 overpass near Ingersoll, Ontario, Canada.

The photos below show the sequence as the eastbound truck approaches the Highway #19 overpass. The scenario unfolds similar to the photo shown below where an eastbound truck is shown travelling in slow lane next to the off ramp. Note that the highway bends slightly to the left.



As the truck approached the overpass it would likely have been too far over to the right and the road tractor was likely partly off the right side of the lane, as shown below.



There was no evidence of any tire marks leading up to the area of impact and it can be seen that there is no damage to the guard rail. Yet note how close the guard rail is to the wall of the overpass. It is questionable how an impact could take place to the concrete of the bridge support yet not produce any evidence of damage to the guard rail. You can see in the following photo where there is a fresh impact and damage to the concrete yet the guard rail below shows very little evidence of damage. You might recognize a tiny bit of black marking just on the end of the metal of the guard rail where there was likely contact by one of the tires of the trailer.



Also, reportedly there was no contact between the road tractor and the concrete support. The truck glanced off this impact and travelled several hundred metres down the road in the background. The photo below shows the evidence to the east of the overpass. Here you can see how the vehicle moves back into the land and then comes to rest in the distant background.



Below is a view of the evidence at the truck's rest position. The previous photo you might recognize the load of peaches that is lying against the side of the concrete median.



Altogether this gives you an appreciation that these large vehicles tend to wander and someday they might end up wandering into your space. So always keep an eye out, especially at night, in heavy winds or in low traction conditions such as wet, snowy or icy road surfaces.