

February 16, 2024

Penny Smith, Warden  
Municipality of the District of Shelburne  
P.O. Box 280  
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Dear Warden Smith;

I received a response from the traffic group at the Department of Public Works regarding the evaluation of the Highway 103 and Route 203 intersection.

This intersection was redesigned in 2018 to current Transportation Association of Canada geometric guidelines. Two collisions are on file since that time, one in 2018 as a left turn across opposing traffic and one in 2020 as a rear end collision due to a driver changing lanes without signalling. Accidents since 2020 may not be registered yet.

200 speed samples were collected for vehicles traveling through the intersection. The 85<sup>th</sup> percentile speed, which represents the highest speed obtained by drivers regarded to be prudent and safe, was 108 km/h through the intersection. No trucks were recorded over 112 km/h and the fastest vehicle recorded was a car at 119 km/h. Of the 200 samples taken, 159 were cars/pickups/cube vans and 41 were tandem/tractor trailer. It should be noted the road surface was dry with a cloudy overcast.

Poles and posts within the concrete islands may cause sight interruptions depending on the positioning of the vehicle, however these are only temporary.

As numerous studies indicate the prevailing speed will stay at the 85<sup>th</sup> percentile regardless of the posted limit and in conjunction with the low collision record and relatively low through traffic volume, it is recommended the Maximum 80 limit is not warranted.

Thank you for bringing your concerns forward. If you have any other comments or concerns, please contact me at [pamela.mehلمان-shand@novascotia.ca](mailto:pamela.mehلمان-shand@novascotia.ca) or by phone at 902-742-2416.

Yours sincerely,



Pamela Mehlman-Shand  
Area Manager, Yarmouth, Shelburne & Clare

c: Nolan Young, MLA Shelburne