

FROM: Brian Lima, Director of Engineering Services

DATE: June 17, 2019

SUBJECT: Reduced Speed Zones – Union Road and Imperial Road

RECOMMENDATIONS:

THAT the Reduced Speed Zone By-Law No. 17-11 be amended to include the following:

1 - A new 60 km/h reduced speed zone be established on Imperial Road starting at the south limits of the Town of Aylmer, being 1,667 m south of Talbot Line, for a distance of 1,216 m south;

2 - A new 60 km/h reduced speed zone be established on Union Road beginning at 360 m south of the north property line of Talbot Line (County Road #3), for a distance of 550 m south; and,

THAT the OPP be notified of these changes.

INTRODUCTION:

Residential development along sections of County roads can change the classification of the roadside environment as a result of building density. When sections of roadway are defined as “built up areas” a reduction in the posted speed limit is recommended. Two areas that are being actively developed will become “built up areas” when infilling is complete and therefore will trigger the establishment of reduced speed zones.

DISCUSSION:

Residential development is actively occurring adjacent to Imperial Road (County Road #73) south of the Town of Aylmer and on Union Road (County Road #20), south of Shedden. When these developments are completed, the adjacent building density will increase and is expected to trigger a “built up area” definition of the roadside environment.

The Highway Traffic Act defines a “built up area” as a rural area where not less than 50 per cent of the frontage of the highway is occupied by dwellings, businesses, schools or churches. Section 128 states that the rate of speed shall be 50km/h in “built up areas”, however, the municipality having jurisdiction of the road may prescribe a different rate.

The County uses the “built up area” definition as a consistent means to determine sections of road where reduced speed zones could be established. Reducing speed zones in “built up areas” is also prudent from a road safety perspective since the density of entrances will increase potential vehicular conflicts.

Therefore, two 60 km/h reduced speed zones are recommended to be established. The first one being on Imperial Road, from the south limits of Aylmer for a distance of 1,216 m south. This zone will therefore begin at the north limits of the Aylmer Cemetery. And secondly, on Union Road from the south limits of the existing 50 km/h speed zone for a distance of 550 m south. This zone will begin at the south limits of the sport field currently under construction. Please refer to Appendix A which showcases the locations and limits of the recommended reduced speed zones.

CONCLUSION:

Development density adjacent to County roads can trigger a “built up area” definition and thereby a recommendation to reduce the posted speed limit. Two areas are currently being developed and upon completion are expected to become “built up areas”.

A section of Union Road south of Shedden and Imperial Road south of the Town of Aylmer are therefore recommended to have 60 km/h reduced speed zones established.

All of which is Respectfully Submitted

Approved for Submission

Brian Lima
Director of Engineering Services

Julie Gonyou
Chief Administrative Officer

APPENDIX A – Reduced Speed Zones



Union Road - Speed Reduction

