
DATE: May 18, 2010

REPORT TITLE: **SPEED LIMIT REVISION ON REGIONAL ROAD 14 (MAYFIELD ROAD)
FROM REGIONAL ROAD 50 (HIGHWAY 50) TO WEST OF PILLSWORTH
ROAD
CITY OF BRAMPTON, WARD 10 AND TOWN OF CALEDON, WARD 5**

FROM: Dan Labrecque, Commissioner of Public Works

RECOMMENDATION

That a by-law be enacted to amend By-law 57-2005 with respect to reducing the existing posted speed limit of 80 kilometers per hour (km/h) to 60 km/h on Regional Road 14 (Mayfield Road) from Regional Road 50 (Highway 50) to 150 metres (492 feet) west of Pillsworth Road, in the City of Brampton/Town of Caledon;

And further, that the necessary by-law be presented to Regional Council for enactment;

And further, that Peel Regional Police and the Ontario Provincial Police be so advised.

REPORT HIGHLIGHTS

- Mayfield Road from Highway 50 to 150 metres (492 feet) west of Pillsworth Road was evaluated for speed reduction.
- Due to the geometrics and development in the area, a review indicates that a reduction of the speed limit from 80 km/h to 60 km/h is justified on Mayfield Road from Highway 50 to west of Pillsworth Road.

DISCUSSION

1. Background

An existing 80 km/h posted speed limit zone is currently in place on Mayfield Road from Highway 50 to 805 metres (2,641 feet) east of The Gore Road. As part of the ongoing capital project near Highway 50, staff investigated a speed limit reduction on Mayfield Road. Considering the level of commercial growth on Mayfield Road and the construction of the Region of Peel Commuter Parking Lot at Highway 50, staff evaluated this road section and determined that the geometrics, most specifically related to clear zones, do not support the existing 80 km/h speed limit.

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2. Findings

Traffic speed has historically been used as the primary indicator of the quality of traffic flow. The basic premise is that the driver selects his/her travel speed after subjectively evaluating the surrounding environment, road geometrics and the risk of collision at different rates of speed. Upon reviewing driver characteristics as well as the proposed geometric configurations being built on Mayfield Road, a reduction in the posted speed limit to 60 km/h is warranted from Highway 50 to west of Pillsworth Road.

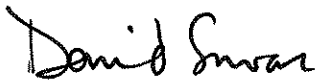
Conclusion

Based on the level of commercial growth on Mayfield Road and the construction of the Highway 50 Region of Peel Commuter Parking Lot, staff recommends reducing the speed limit from 80 km/h to 60 km/h from Highway 50 to 150 metres (492 feet) west of Pillsworth Road as shown in Appendix I.



Dan Labrecque
Commissioner of Public Works

Approved for Submission:



D. Szwarc, Chief Administrative Officer

For further information regarding this report, please contact Neal Smith at extension 7866 or via email at neal.smith@peelregion.ca

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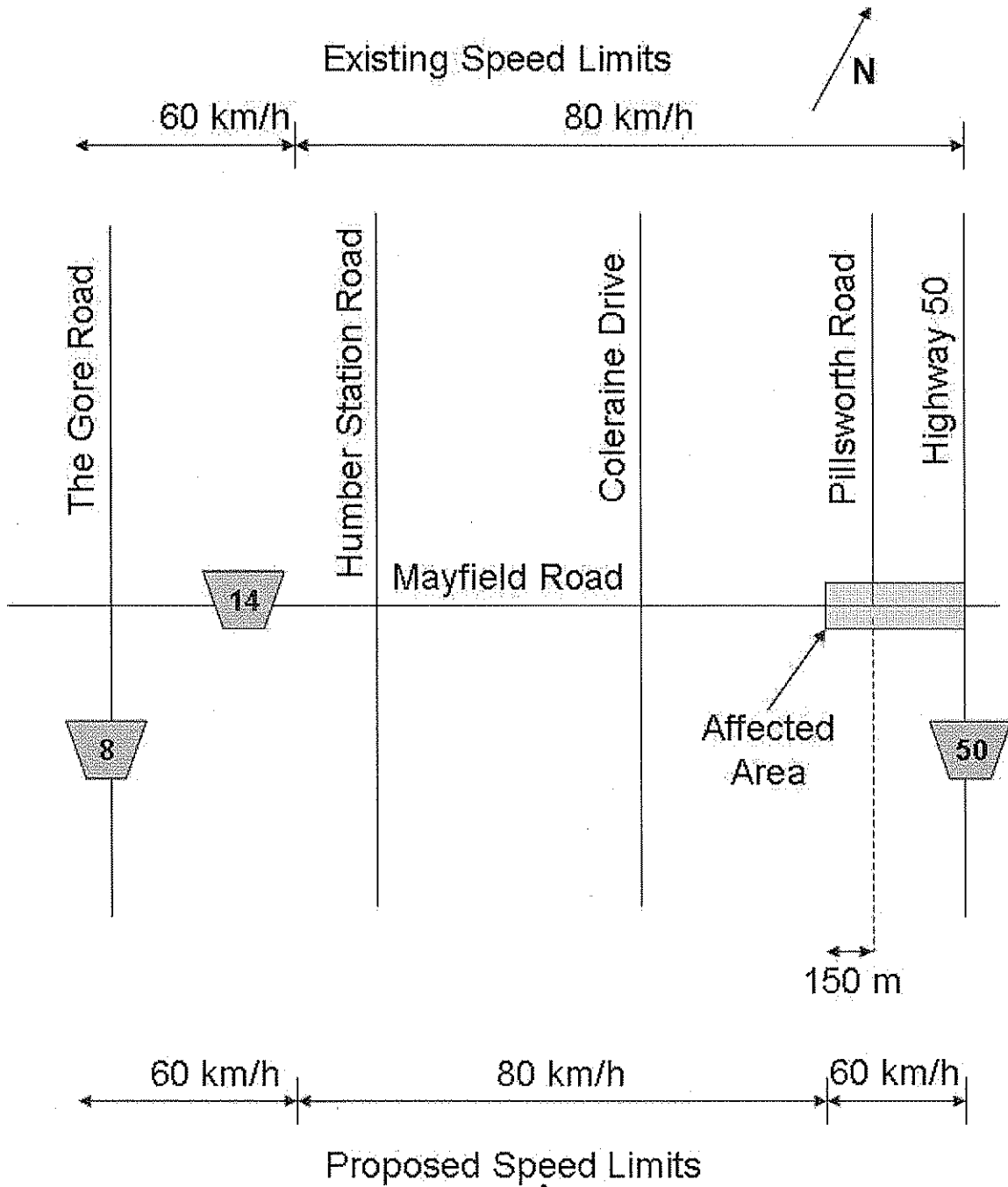
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c. Legislative Services

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APPENDIX I



N.T.S.