

COMMITTEE OF THE WHOLE – OCTOBER 7, 2002

ISLINGTON AVENUE – NASHVILLE ROAD TO HIGHWAY 27 PROPOSED SPEED LIMIT REDUCTION

Recommendation

The Commissioner of Engineering and Public Works recommends:

That the posted speed limit on Islington Avenue from Nashville Road to Highway 27 be reduced from 60 km/hr to 50 km/hr.

Purpose

To review the existing speed limit on Islington Avenue as a result of the residential growth in the north Kleinburg area.

Background - Analysis and Options

Staff conducted a review of the vehicle speeds on Islington Avenue from Nashville Road to Highway 27 in response to a request from residents of The Gables of Kleinburg who expressed concerns about excessive vehicle speeds on Islington Avenue.

Islington Avenue is classified in OPA 400 as an arterial road. The existing speed limit on Islington Avenue is 60 km/hr from Highway 27 to Nashville Road and 40 km/hr from Nashville Road to Major Mackenzie Drive. Nashville Road is 40 km/hr from Islington Avenue to Highway 27.

Staff conducted radar speed studies on the subject section of Islington Avenue on April 30, 2002 from 5:00 pm to 6:00 pm and on May 1, 2002 from 7:00 am to 8:00 am. The results of the studies are shown below.

Date	Time	Average Speed (Compliance)	
		Northbound	Southbound
April 30, 2002	5:00 pm - 6:00 pm	63 km/hr (36%)	58 km/hr (66%)
May 1, 2002	7:00 am - 8:00 am	57 km/hr (69%)	56 km/hr (66%)

It should be noted that during the afternoon study period, 24 percent of the recorded vehicle speeds exceeded 70 km/hr in the northbound direction, with the highest recorded vehicle speed at 88 km/hr. Recorded speeds during the morning study period were high in the southbound direction. This may be due to the fact that motorists traveling to or from Highway 27 at Islington Avenue are not required to stop.

Staff reviewed the collision history for this section of Islington Avenue. There was one reported collision (rear end) on Islington Avenue north of John Street that occurred in July 2000.

Over the past several years, the traffic volumes along Islington Avenue have continued to increase as a result of cut-through traffic from Highway 27 to Major Mackenzie Drive and with development growth north of the Kleinburg Business area. In an effort to reduce the high speeds observed, it is recommended that the existing speed limit on Islington Avenue from Nashville Road to Highway 27 be reduced from 60 km/hr to 50 km/hr.

Conclusion

Based on our review, it is recommended that the speed limit be reduced to 50 km/hr on Islington Avenue from Nashville Road to Highway 27.

Attachments

1. Location Map

Report prepared by

Mike Dokman, Senior Transportation Technologist, ext. 8031

Philip Weber, Transportation Engineer, ext. 8264

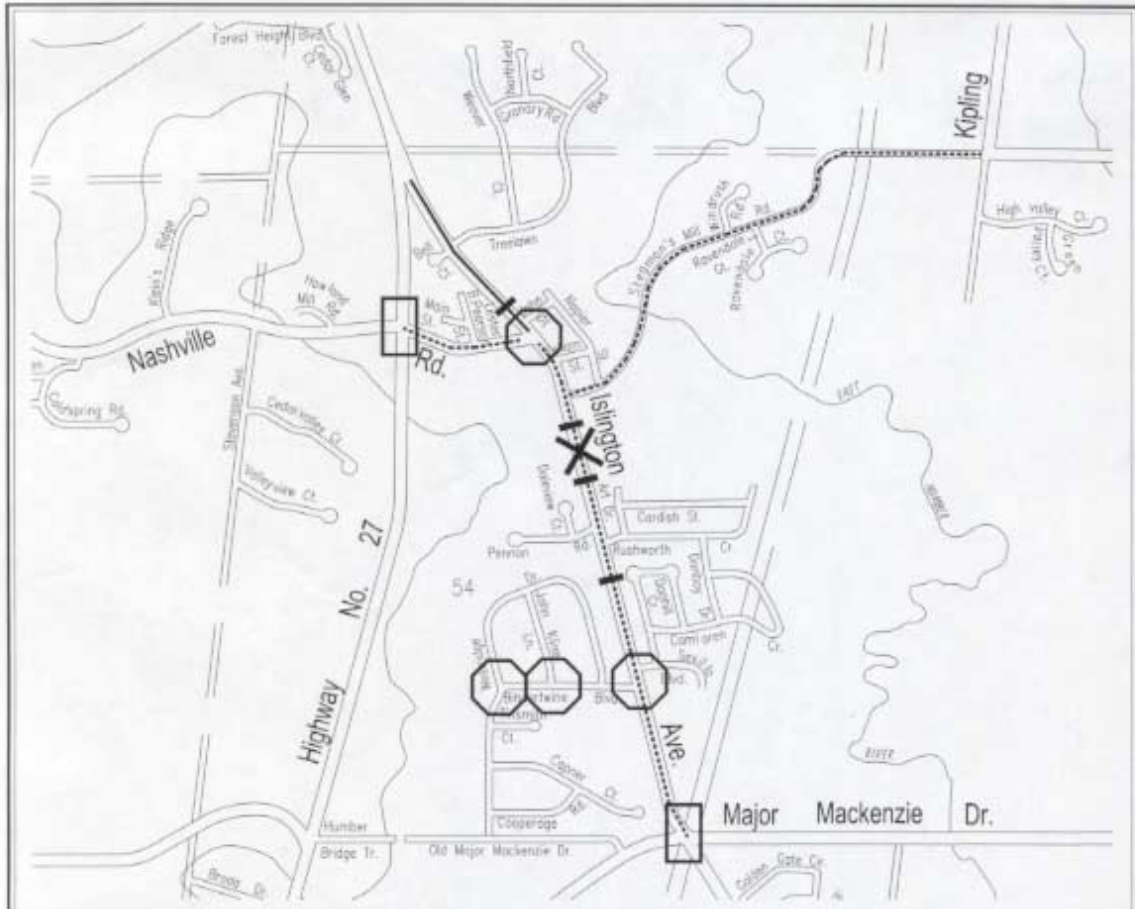
Brendan Holly, Senior Manager Development/Transportation Engineering, ext. 8250

Respectfully submitted,

Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works







MD/fc

ATTACHMENT No. 1



ISLINGTON AVENUE PROPOSED SPEED LIMIT REDUCTION

LEGEND

-  PROPOSED 50 Km/hr SPEED LIMIT
-  EXISTING 40 Km/hr SPEED LIMIT
-  EXISTING SPEED HUMPS
-  EXISTING TRAFFIC SIGNALS
-  EXISTING ALLWAY STOP CONTROL
-  EXISTING ADULT SUPERVISED SCHOOLCROSSING



NOT TO SCALE

CITY OF VAUGHAN - ENGINEERING DEPARTMENT

Drawing name: B:\MCDONN\170485D\MKC\Islington Speed Reduction.dwg