



STAFF REPORT ACTION REQUIRED

Proposed Speed Limit Reduction on Progress Avenue - From Brimley Road to Consilium Place/Grangeway Avenue

Date:	March 17, 2008
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Ward 38 – Scarborough East
Reference Number:	P:\2007\Cluster B\TRA\Scarborough\sc08028 D07-827 Progress Avenue Speed Reduction

SUMMARY

This staff report is about a matter for which the Community Council does not have delegated authority from City Council to make a final decision.

This report provides the results of traffic studies conducted on Progress Avenue, where a 50 kilometre per hour (km/h) speed limit is technically justified and recommended for implementation on the subject portion of Progress Avenue between Brimley Road and Consilium Place/Grangeway Avenue.

RECOMMENDATIONS

Transportation Services, Scarborough District, recommends that Scarborough Community Council:

1. Rescind the 60 kilometre per hour speed limit on Progress Avenue between Kennedy Road and Markham Road, as identified in Appendix 1 of this report,
2. Adopt the 60 kilometre per hour speed limit on Progress Avenue between Kennedy Road and Brimley Road, and on Progress Avenue between Consilium Place / Grangeway Avenue and Markham Road, as identified in Appendix 2 of this report, and
3. Amend the appropriate bylaw(s) accordingly.

Financial Impact

The financial cost of installing these speed limit signs is approximately \$5,000.00. Funding for the signage has been secured from the developer of the property at the northeast corner of Progress Avenue and Brimley Road.

ISSUE BACKGROUND

Further to a request from staff in Traffic Planning, regarding new development on the north side of Progress Avenue east of Brimley Road, Transportation Services staff reviewed the feasibility of reducing the speed limit from 60 km/h to 50 km/h on this portion of roadway.

The justification for introducing a 50 km/h speed limit is based on the Warrant for Implementing a Permanent 50 km/h Maximum Speed Limit on Arterial Roads, as a Traffic Operations practise.

COMMENTS

The following characteristics describe the subject portion of Progress Avenue between Brimley Road and Consilium Place / Grangeway Avenue:

- This road is located in the community south of Highway 401 and west of Consilium Place / Grangeway Avenue.
- This portion of Progress Avenue has two lanes in each direction and is a minor arterial roadway with a speed limit of 60 km/h and a daily traffic volume of approximately 18,200 vehicles per day. The subject portion of roadway is approximately 1.4 kilometres in length and has curved alignment.
- 24-hour speed studies conducted June 12, 2007 on Progress Avenue east and west of the Highway 401 eastbound exit ramp indicate average 85th percentile speeds of 59 km/h and 56 km/h respectively.
- The area consists primarily of retail plazas as well as the Scarborough Town Centre Mall.
- The subject portion of Progress Avenue has a pavement width of 19.2 metres, and partial sidewalks are located on both sides.
- Traffic control signals are located on Progress Avenue at Brimley Road, at the west mall driveway, at the Highway 401 eastbound exit ramp, at Corporate Drive, at the east mall driveway and at Consilium Place / Grangeway Avenue.
- The TTC has bus routes along this section of Progress Avenue.
- Progress Avenue has a No Parking Anytime regulation on both sides.

Warrants for Implementing a Permanent 50 km/h Maximum Speed Limit on Arterial Roads

Application of this warrant reveals that a 50 km/h speed limit is appropriate on Progress Avenue between Brimley Road and Consilium Place / Grangeway Avenue. Specifically, the “85th Percentile Speed is less than 60 km/h” category of the Warrant for the Implementing a Permanent 50 km/h Maximum Speed Limit on Arterial Roads is satisfied based on an average 85th percentile speed of 57.5 km/h. Speed studies conducted Tuesday, June 12, 2007 on Progress Avenue both east and west of the Highway 401 exit ramp indicated 85th percentile speeds of 59 km/h and 56 km/h respectively.

It should be noted that Progress Avenue which is currently posted 60 km/h, as well as Borough Drive which has a 50 km/h speed limit, form a circular road network around the Scarborough Town Centre area. When installed, the 50 km/h speed limit on Progress Avenue will be consistent with the traffic environment and should provide a safer environment for all road users.

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ATTACHMENTS

1. Appendix 1 – By-law Amendment (rescind)
2. Appendix 2 – By-law Amendment (enact)
3. Location Plan (Proposed 50 Km/h Speed Limit – Progress Avenue From Brimley Road to Consilium Place / Grangeway Avenue)
4. Table 1 – Warrants for Implementing a Permanent 50 km/h Maximum Speed Limit on Arterial Road – Progress Avenue

Appendix 1

“Maximum Rate of Speed – 60 Km/h ” Regulation to be Rescinded

(In
Column 1)
Road or Portion of Road

Progress Avenue between Kennedy Road
and Markham Road

(In
Column 2)
Prescribed Maximum
Rate of Speed

60 kilometres per hour

Appendix 2

“Maximum Rate of Speed - 60 Km/h” Regulation to be Enacted

(In
Column 1)
Road or Portion of Road

(In
Column 2)
Prescribed Maximum
Rate of Speed

Progress Avenue between Kennedy Road
and Brimley Road

60 kilometres per hour

Progress Avenue between
Consilium Place / Grangeway Avenue
and Markham Road

60 kilometres per hour