



Through Traffic Restriction/Lane Designations: Eglinton Avenue East and Brentcliffe Road

Date:	October 10, 2007
To:	North York Community Council
From:	Director, Transportation Services Division, North York District
Wards:	Ward 26 – Don Valley West
Reference Number:	p:\2007\ClusterB\TRA\NorthYork\nycc07099tsny (6137)

SUMMARY

To obtain approval to prohibit northbound through movements, to designate the southerly eastbound lane on Eglinton Avenue East for right-turns only and to designate the northbound lanes on Brentcliffe Road for left-turns and shared through/right-turn movements at the intersection of Brentcliffe Road and Eglinton Avenue East.

The northbound through restriction is required in order to reduce the delay during peak periods for northbound right-turning vehicles that will occupy the shared through and right-turn lane following the completion of intersection improvements at Brentcliffe Road and Eglinton Avenue East.

The designation of the southerly eastbound lane on Eglinton Avenue East for right-turns only will assist the flow of northbound right-turning vehicles. The designation of the northbound lanes will eliminate any right-of-way conflicts on Brentcliffe Road, north of Eglinton Avenue East.

RECOMMENDATIONS

Transportation Services, North York District, recommends that:

1. northbound through traffic on Brentcliffe Road at Eglinton Avenue East be prohibited from 7:00 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m., Monday to Friday;
2. the southerly eastbound lane on Eglinton Avenue East east of Brentcliffe Road be designated for right-turning vehicles only, buses excepted, from the west limit of Brentcliffe Road to a point 100 metres west;

3. the easterly northbound lane on Brentcliffe Road south of Eglinton Avenue East be designated for through and right-turning vehicles only, from the south limit of Eglinton Avenue East to a point 75 metres south;
4. the westerly northbound lane on Brentcliffe Road south of Eglinton Avenue East be designated for left-turning vehicles only, from the south limit of Eglinton Avenue East to a point 75 metres south; and
5. the appropriate City officials be authorized and directed to take whatever action is necessary to give affect to the foregoing, including the introduction in Council of any bills that are required.

FINANCIAL IMPACT

All costs associated with the northbound through restriction are included within the Transportation Services Division, North York District's 2007 Operating Budget.

ISSUE BACKGROUND

Currently, Brentcliffe Road is a two-lane local road, north of Eglinton Avenue East. South of Eglinton Avenue East, Brentcliffe Road is a four-lane minor arterial roadway. The northbound approach to the intersection currently consists of a shared through/left-turn lane and a northbound channelized right-turn lane to Eglinton Avenue East.

As part of a proposed reconstruction and widening of Brentcliffe Road south of Eglinton Avenue East, the existing median and channelized northbound right-turn lane will be removed. With the removal of the right-turn channel, the northbound lane configuration will be amended to include an exclusive left-turn lane and a shared through and right-turn lane. The reconstruction of Brentcliffe Road is underway and is expected to be completed by the end of November 2007.

COMMENTS

The introduction of the northbound through movement restriction at the intersection of Brentcliffe Road and Eglinton Avenue East will reduce the delays to the heavier northbound right-turning movements during the peak periods particularly during the northbound right-turn green arrow phase that occurs simultaneously with the westbound left-turn green arrow. A recent eight-hour study counted 4,441 northbound right-turning vehicles, 596 northbound left-turning vehicles and 388 northbound through vehicles.

The designation of the southerly eastbound lane on Eglinton Avenue East for right-turns only will assist the flow of northbound right-turning vehicles since no eastbound through vehicles will be permitted in the curb lane, thereby avoiding any conflict with northbound right turns. The designation of the northbound lanes will eliminate any right-of-way conflicts on Brentcliffe Road, north of Eglinton Avenue East.

Councillor John Parker supports the recommendations contained with this report.

CONTACT

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SIGNATURE

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ATTACHMENTS

Attachment 1: Map – Brentcliffe Road at Eglinton Avenue East, Northbound
Through Prohibition (nycc07099tsny_map)