



## STAFF REPORT ACTION REQUIRED

### Proposed Bicycle Lane on Knox Avenue from Eastern Avenue to Queen Street East

<b>Date:</b>	June 11, 2007
<b>To:</b>	Toronto and East York Community Council
<b>From:</b>	Director, Transportation Infrastructure Management
<b>Wards:</b>	Beaches-East York, Ward 32
<b>Reference Number:</b>	p:\2007\ClusterB\tra\tim\te07016tim

#### SUMMARY

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This report is about a matter which Community Council has delegated authority from City Council to make a final decision.

The purpose of this report is to obtain authority to install a contra-flow bicycle lane on the east side of Knox Avenue from Eastern Avenue to Queen Street East.

The installation of a contra-flow bicycle lane within the existing Knox Avenue pavement width can be achieved while maintaining all existing permit parking spaces. Alternate side parking will be replaced by permanent parking on the west side. Stopping prohibitions are proposed to be implemented on the east side for the bicycle lane. The Ward Councillor has been consulted and supports the proposed bicycle lane on Knox Avenue.

#### RECOMMENDATIONS

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Transportation Services Division recommends that Toronto and East York Community Council:

1. approve the installation of a northbound contra-flow bicycle lane on the east side of Knox Avenue, from Eastern Avenue to Queen Street East, as detailed in Appendix A of this report;
2. approve the amendments to the traffic and parking regulations detailed in Appendix B of this report; and

3. authorize and direct the appropriate City officials to take the necessary action to give effect thereto, including the introduction of all necessary bills.

### **Financial Impact**

Funds to implement the bicycle lanes on Knox Avenue, in the estimated amount of \$4,000.00, are provided for within the Transportation Services Division 2007 Capital Budget in the Cycling Infrastructure Account CTP 807-05.

### **DECISION HISTORY**

City Council, at its meeting on July 24, 25 and 26, 2001 adopted the Toronto Bike Plan (Clause No. 3 of Report No. 8 of the Planning and Transportation Committee). One of the key recommendations of the Toronto Bike Plan is to implement a 1,000 kilometre Bikeway Network.

### **ISSUE BACKGROUND**

The Toronto Bike Plan proposed a northbound contra-flow bicycle lane on Knox Avenue, between Eastern Avenue and Queen Street East. This lane provides an important connection between the Lake Shore Boulevard East multi-use path and the proposed Greenwood Avenue bicycle lanes.

### **COMMENTS**

#### **Existing Conditions**

Knox Avenue, between Eastern Avenue and Queen Street East, is a local street which operates one-way southbound on a pavement width of 7.4 metres. The intersection of Knox Avenue and Eastern Avenue is signalized.

Parking is permitted on one side of Knox Avenue at all times of the day, with permit parking in effect from 12:01 a.m. to 7:00 a.m. The side of the street with permitted parking alternates by time of the month from April 1 to November 30: east side from the first day to the fifteenth, and west side from the sixteenth to the end of the month. Between December 1 and March 31, parking is permitted only on the east side.

#### **Bicycle Lane Design**

With the existing one-way southbound designation, cyclists are able to travel southbound on Knox Avenue in mixed traffic. In order to allow northbound cyclists to make the connection between the Lake Shore Boulevard East multi-use path and the proposed bicycle lanes on Greenwood Avenue, a contra-flow (northbound) bicycle lane would be provided adjacent to the east curb.

## **Traffic and Parking Impacts**

The bicycle lane will have little impact on motor vehicle traffic, although one possible positive benefit may be a reduction in the number of speeding motorists as a result of the narrowing of the southbound traffic lane. The bicycle lane installation can be achieved while maintaining the same number of permit parking spaces. The existing alternate side parking regulations will be changed to permit parking at all times on the west side, and stopping will be prohibited on the east side of Knox Avenue for the bicycle lane.

The attached Drawing No. 421P0025, dated May, 2007, entitled “Knox Avenue: Eastern Avenue – Queen Street East Proposed Bicycle Lane Location Plan” illustrates the proposed location of the bicycle lane and where parking will be provided. The attached Drawing No. 421P0024, dated May, 2007, entitled “Knox Avenue: Eastern Avenue-Queen Street East: Cross Section A-A”, illustrates the existing and proposed cross-section for Knox Avenue.

## **Public Consultation**

In consultation with Councillor Bussin, twenty five Public Notices describing the proposed bicycle lane were distributed to all residents on Knox Avenue between Eastern Avenue and Queen Street East East. Seven responses were received, 3 in favour and 4 opposed.

## **CONTACT**

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Transportation Services

## **ATTACHMENTS**

Appendix A – Bicycle Lanes to be Designated  
Appendix B – Parking and Traffic By-Law Amendments  
Drawing No. 421P0024  
Drawing No. 421P0025