



STAFF REPORT ACTION REQUIRED

Proposed Contra-flow Bicycle Lanes on Dixon Avenue

Date:	May 15, 2014
To:	Public Works and Infrastructure Committee
From:	General Manager, Transportation Services
Wards:	Ward 32 (Beaches-East York)
Reference Number:	P:\2014\ClusterB\TRA\TIM\pw14016tim.docx

SUMMARY

The purpose of this report is to recommend the installation of contra-flow bicycle lanes on Dixon Avenue, from Kingston Road to Woodbine Avenue. Currently there are bicycle lanes on Dundas Street East which are part of a continuous bikeway that connects cyclists from River Street in the west to Kingston Road in the east. The proposed Dixon Avenue contra-flow bicycle lane would extend the bikeway further east to Woodbine Avenue and provide access to the neighbourhoods south and east of Kingston Road.

There will be no impact on parking or traffic operations as a result of the installation of the proposed contra-flow bicycle lanes. At the public consultation meeting community participants were generally supportive of the proposed contra-flow bicycle lane.

RECOMMENDATIONS

The General Manager, Transportation Services recommends that:

1. City Council approve the installation of a westbound contra-flow bicycle lane on Dixon Avenue, from Woodbine Avenue to Lockwood Road and an eastbound contra-flow bicycle lane from Kingston Road to Lockwood Road, as described in Appendix 1 – Amendments to Bicycle Lane Designations, attached to this report; and
2. City Council approve the amendments to traffic and parking regulations required to install contra-flow bicycle lanes on Dixon Avenue, as described in Appendix 2 – Amendments to Traffic and Parking Regulations, attached to this report.

Financial Impact

The estimated cost to implement the contra-flow bicycle lane and sharrows recommended in this report is \$4,500. Funds to implement the contra-flow bicycle lane and sharrow pavement markings recommended in this report are available in the 2014 Capital Budget and 2015-2023 Capital Plan for Transportation Services in the Cycling Infrastructure account CTP814-05.

The Deputy City Manager and Chief Financial Officer has reviewed this report and agrees with the financial impact information.

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 Bikeway Network.

ISSUE BACKGROUND

The Dundas Street East bicycle lanes are part of a continuous bikeway that connects cyclists from River Street in the west to Kingston Road in the east. Dixon Avenue intersects with the eastern terminus of the existing bicycle lanes on Dundas Street East at Kingston Road. Dixon Avenue, between Kingston Road and Woodbine Avenue is a one-way street and does not allow cyclist to legally travel in both directions from the Dundas Street East bicycle lanes, to/from the residential neighbourhoods south and east of Kingston Road.

COMMENTS

Dixon Avenue, between Kingston Road and Woodbine Avenue is a one-way local street operating in a westbound direction, from Kingston Road to Lockwood Road, and an eastbound direction, from Lockwood Road to Woodbine Avenue. On-street parking is provided on south side of the street from Kingston Road to Woodbine Avenue.

The one-way operation of the street does not allow cyclists to legally connect from the Dundas Street East bicycle lanes to the residential neighbourhoods south and east of Kingston Road without travelling on Kingston Road. The introduction of a contra-flow bicycle lane on Dixon Avenue would create a legal two-way cycling connection and would extend the existing Dundas Street East bikeway east to Woodbine Avenue on low-speed, low traffic local streets.

Contra-flow bicycle lanes can be introduced on Dixon Road without any impact on traffic operations and parking. The existing one-way operation of Dixon Avenue would be maintained for general traffic and the existing parking would be maintained on the south side of the street. The proposed Dixon Road contra-flow bicycle lanes would include:

- An eastbound contra-flow bicycle lane from Kingston Road to Lockwood Road on

- the south side of the street adjacent to existing on-street parking; and
- A westbound contra-flow bicycle lane on from Lockwood Road to Woodbine Avenue on the north side of the street.

Stop controls would be introduced for contra-flow bicycle traffic at intersections with Lockwood Road, Brookmount Road, and Rainsford Road.

A public meeting for the Dixon Avenue bicycle lanes took place on February 18, 2014 at the Beaches Recreation Centre, 6 Williamson Road. The proposal presented at the meeting was generally supported by the local community. The contra-flow bicycle lane proposal was developed in consultation with the Ward Councillor.

Appendix 3 – Dixon Avenue Proposed Bicycle Lane Location Map and Cross-sections illustrates the location and proposed design of the proposed Dixon Road contra-flow bicycle lanes.

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SIGNATURE

Stephen M. Buckley
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ATTACHMENTS

Appendix 1 – Amendments to Bicycle Lane Designations
Appendix 2 – Amendments to Traffic and Parking Regulations
Appendix 3 – Dixon Avenue Proposed Bicycle Lane Location Map and Cross-sections

APPENDIX 1

AMENDMENTS TO BICYCLE LANE DESIGNATIONS

TO BE ENACTED

Designated Lanes for Bicycles

Highway	Between	Lane Direction	Times and/or Days
Dixon Avenue	Kingston Road and Lockwood Road	Southerly/ Eastbound	Anytime
Dixon Avenue	Lockwood Road and Woodbine Avenue	Northerly/ Westbound	Anytime

APPENDIX 2

AMENDMENTS TO TRAFFIC AND PARKING REGULATIONS

TO BE RESCINDED

One Way Highways

Highway	Between	Times and/or Days	Direction
Dixon Avenue	Kingston Road and Lockwood Road	Anytime	Westbound
Dixon Avenue	Lockwood Road And Woodbine Avenue	Anytime	Eastbound

TO BE ENACTED

One-Way Traffic Lanes

Highway	Between	Lanes	Times and/or Day	Direction
Dixon Ave.	Kingston Rd. And Lockwood Rd.	Northerly curb lane	Anytime	Westbound
Dixon Ave.	Kingston Rd. And Lockwood Rd.	southerly travel lane adjacent to curb lane used for parking	Anytime	Eastbound (bicycles only)
Dixon Ave.	Lockwood Rd. and Woodbine Ave.	Southerly travel lane adjacent to curb lane used for parking	Anytime	Eastbound
Dixon Ave.	Lockwood Rd. And Woodbine Ave.	Northerly curb lane	Anytime	Westbound (bicycles only)

No Stopping

Highway	Side	Between	Prohibited Times and/or Days
Dixon Avenue	Southerly, Eastbound bicycle lane adjacent to parking	Kingston Road and Lockwood Road	Anytime
Dixon Avenue	North	Lockwood Road And Woodbine Avenue	Anytime

Stop Controls for Contra-flow Bicycle Traffic

Intersection	Between
Dixon Avenue and Lockwood Road	Dixon Avenue (eastbound and westbound bicycle traffic)
Dixon Avenue and Brookmount Road	Dixon Avenue (westbound bicycle traffic)
Dixon Avenue and Rainsford Road	Dixon Avenue (westbound bicycle traffic)