



STAFF REPORT ACTION REQUIRED

By-law Amendments for Installed and Approved Contra-flow Bicycle Lanes

Date:	March 18, 2014
To:	Toronto and East York Community Council
From:	Director, Transportation Infrastructure Management
Wards:	14, 18, 19, 21, 29, 30 and 32
Reference Number:	P:\2014\ClusterB\TRA\TIM\ pw14002tim.docx

SUMMARY

This staff report is about a matter for which Toronto and East York Community Council has delegated authority from City Council to make a final decision.

The purpose of this report is to obtain authority to amend the traffic regulations for several existing contra-flow bicycle lanes and to amend parking and traffic regulations required to implement contra-flow bicycle lanes previously approved by Council.

City Council previously approved contra-flow bicycle lanes on Argyle Street, Glen Cedar Road, Gladstone Avenue, Fermanagh Avenue, Florence Street, Havelock Street, Lindsey Avenue and Waterloo Avenue. However, the bicycle lanes were not installed due to minor inconsistencies between the City's approaches to contra-flow bicycle lanes and the provisions of the Ontario Highway Traffic Act (HTA). These inconsistencies were resolved in 2013 in consultation with the Ministry of Transportation and implementation of these approved contra-flow lanes can now proceed. This report describes the amendments to parking and traffic regulations required to install the contra-flow bicycle lanes.

In addition, traffic regulations must also be amended for the existing contra-flow bicycle lanes on Chester Hill Road, Knox Avenue, Logan Avenue, Montrose Avenue and Strathcona Avenue to ensure consistent regulations for all streets with contra-flow bicycle lanes.

RECOMMENDATIONS

The Director, Transportation Infrastructure Management recommends that Toronto and East York Community Council:

1. Amend the traffic and parking regulations for the existing and approved contra-flow bicycle lanes as described in Appendix 1 – Traffic and Parking Regulations to be Rescinded, and Appendix 2 - Traffic and Parking Regulations to be Enacted, attached to this report.
2. Authorize and direct the appropriate City Officials to take the necessary action to give effect to Recommendations No. 1, including introduction of all necessary bills.

Financial Impact

There are no financial impacts resulting from the adoption of the recommendations of this report. Funds are contained in the Transportation Services 2014 Approved Capital Budget in Cycling Infrastructure Account CTP 814-05 to implement the recommendations of this report.

DECISION HISTORY

City Council, at its meeting on August 5 and 6, 2009, adopted as amended the staff report, titled “2009 Bikeway Network Program – Installation of Bicycle Lanes” (PW25.20) authorizing the installation of contra-flow bicycle lanes on several streets, including; Argyle Street, Glen Cedar Road, Fermanagh Avenue, Florence Street, Gladstone Avenue, Havelock Street and Lindsay Avenue. These contra-flow bicycle lanes have not yet been installed.

ISSUE BACKGROUND

Between 1997 and 2007, City Council approved contra-flow bicycle lanes that were subsequently installed on Knox Avenue, Logan Avenue, Montrose Avenue and Strathcona Avenue. In 2009 Council approved several new contra-flow bicycles; however, they were not installed due to concerns that the City’s longstanding approach to contra-flow bicycle lanes was inconsistent with Section 153 of the Ontario Highway Traffic Act (HTA). Section 153 states that “...where a highway has been designated for the use of one-way traffic only... vehicles and street cars shall be driven only in the direction designated.” However, HTA Section 154 (1) enables municipalities to designate any lane for “...traffic moving in a particular direction or classes or types of vehicles.” In 2013 Ministry of Transportation officials confirmed that a contra-flow bicycle lane can be established by designating a traffic lane in one direction only (rather than designating the street one-way) and designating a bicycle lane one-way in the opposite direction. The street would effectively be a two-way street; with bicycles permitted to travel in both directions and motor vehicles permitted to travel in one direction only. All of the existing signage associated with Toronto's one-way streets would remain in place and the street would look and operate just like a one-way street for motor vehicles.

COMMENTS

With the resolution of the "HTA concern" regarding contra-flow bicycle lanes, Transportation Services is planning to install the previously approved contra-flow bicycle lanes, as described in this report. In addition, this report recommends amendments to traffic regulations for existing contra-flow bicycle lanes to ensure consistent regulations for all streets with contra-flow bicycle lanes.

Approved Contra-flow Bicycle Lanes

In the Toronto East York District, contra-flow bicycle lanes have been approved but not yet installed at the following locations.

Table 1 – Approved Contra-flow Bicycle Lanes

Street	Between	Shared lane travel direction	Contra-flow bicycle lane travel direction
Argyle St.	Shaw St. and Givins St.	Eastbound	Westbound
Argyle St.	Ossington Ave. and Dovercourt Rd.	Eastbound	Westbound
Argyle St.	Lisgar St. and Northcote Ave.	Westbound	Eastbound
Glen Cedar Rd.	Dewbourne Ave. and Eglinton Ave. West	Northbound	Southbound
Gladstone Ave.	Argyle St. and Waterloo Ave.	Southbound	Northbound
Fermanagh Ave.	Roncesvalles Av. and Sorauren Ave.	Westbound	Eastbound
Florence St.	Brock Ave. and Sheridan Ave.	Westbound	Eastbound
Havelock St.	Lindsey Ave. and Sylvan Ave.	Southbound	Northbound
Lindsey Ave.	Brock Ave. and Dufferin St.	Westbound	Eastbound
Waterloo Ave.	Dufferin St. and Gladstone Ave.	Eastbound	Westbound

At the above locations the one-way designations must be rescinded and replaced by designating the general-purpose traffic lane in one direction only (rather than designating the street one-way). The approved contra-flow bicycle lane has already been designated as one-way in the opposite direction. The street would effectively be a two-way street; with bicycles permitted to travel in both directions and motor vehicles permitted to travel in one direction only. All of the existing signage associated with Toronto's one-way streets would remain in place and the street would look and operate just like a one-way street for motor vehicles.

Several of the streets where contra-flow lanes will be installed currently have alternate-side parking in effect. This reports recommends amending the parking regulations, where necessary, to maintain the parking on one side of the street at all times to accommodate the contra-flow bicycle lanes, as described in Appendix 2 attached to this report. Public consultation has been undertaken for all locations where alternate-side parking will be replaced by parking fixed on one side of the street.

New stop signs must be installed at the locations listed in Table 3 below to manage contra-flow cycling traffic in the contra-flow bicycle lanes.

Table 2 – New Stop Controls for Contra-flow Bicycle Traffic

Street	Bicycle Traffic Direction	Intersection
Argyle St.	Westbound	Givins St.
Argyle St.	Westbound	Dovercourt Rd.
Argyle St.	Eastbound	Lisgar St.
Argyle St.	Eastbound	Beaconsfield Ave.
Fermanagh Ave.	Eastbound	Sorauren Ave.
Gladstone Ave.	Northbound	Waterloo Ave.
Glen Cedar Rd.	Southbound	Dewbourne St.
Havelock Ave.	Northbound	Sylvan Ave.
Lindsey Ave.	Eastbound	Dufferin St.
Waterloo Ave.	Westbound	Dufferin St.

The contra-flow bicycle lanes approved (but not installed) by Council in 2009 were the result of the West End Bikeways study. The study was a participation-focussed planning exercise, which included both a public meeting on Tuesday March 10, 2009 and multiple community surveys to help develop the recommended bikeway routes in the study area. However, given the considerable time that elapsed since the study consultation process was completed, Transportation staff worked with the affected Ward Councillors to conduct community meetings in 2014 to notify residents of the approved routes, and to receive their input on the detailed design for these cycling routes. Community meetings were held on the following dates:

- February 5, 2014 - for the Fermanagh route;
- February 27, 2014 - for the Argyle-Florence-Waterloo-Gladstone route; and
- March 4, 2014 - for the Lindsey-Havelock route.

Transportation staff will continue to work with Ward Councillors to conduct community consultation on the detailed design of the other contra-flow bicycle lanes prior to installation of the route.

Existing Contra-flow Bicycle Lanes

In the Toronto East York District, contra-flow bicycle lanes are installed at the following locations.

Table 3 – Existing Contra-flow Bicycle Lanes

Street	Between	Shared lane travel direction	Contra-flow bicycle lane travel direction
Knox Ave.	Eastern Ave. and Queen St. E.	Southbound	Northbound
Logan Ave.	Eastern Ave. and a point approximately 200 metres south of Eastern Ave.	Southbound	Northbound
Montrose Ave.	Harbord St. and Bloor St. W.	Southbound	Northbound
Strathcona Ave.	Carlaw Ave. and Pape Ave.	Eastbound	Westbound
Strathcona Ave.	Pape Ave. and Blake St.	Westbound	Eastbound

To ensure consistent regulations for all streets with contra-flow bicycle lanes, the one-way designation must be rescinded and replaced by designating the shared traffic lane in one direction only (rather than designating the street one-way). The only change to the current signage will be the addition of a “bicycles excepted” tab to the one-way arrow sign.

The affected Ward Councillors have been consulted in the preparation of this report.

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SIGNATURE

John Mende, P.Eng.
 Director, Transportation Infrastructure Management

ATTACHMENTS

Appendix 1 - Traffic and Parking Regulations to be Rescinded
 Appendix 2 – Traffic and Parking Regulations to be Enacted

**APPENDIX 1
TRAFFIC AND PARKING REGULATIONS TO BE RESCINDED**

ROADS WITH INSTALLED CONTRA-FLOW BICYCLE LANES

One-Way Highways

Highway	Between	Times and/or Days	Direction
Knox Ave.	Eastern Ave. and Queen St. E.	Anytime	Southbound
Logan Ave.	Eastern Ave. and a point approximately 200 metres south of Eastern Ave.	Anytime	Southbound
Montrose Ave.	Harbord St. and Bloor St. W.	Anytime	Southbound
Strathcona Ave.	Carlaw Ave. and Pape Ave.	Anytime	Eastbound
Strathcona Ave.	Pape Ave. and Blake St.	Anytime	Westbound

ROADS WITH APPROVED CONTRA-FLOW BICYCLE LANES

One-Way Highways

Highway	Between	Times and/or Days	Direction
Argyle St.	Shaw St. and Givins St.	Anytime	Eastbound
Argyle St.	Ossington Ave. and Dovercourt Rd.	Anytime	Eastbound
Argyle St.	Lisgar St. and Northcote Ave.	Anytime	Westbound
Glen Cedar Rd.	Dewbourne Ave. and Eglinton Ave. W.	Anytime	Northbound
Gladstone Ave.	Argyle St. and Waterloo Ave.	Anytime	Southbound
Fermanagh Ave.	Roncesvalles Ave. and Sorauen Ave.	Anytime	Westbound
Florence St.	Brock Ave and Sheridan Ave.	Anytime	Westbound
Havelock St.	Lindsey Ave. and Sylvan Ave.	Anytime	Southbound
Lindsey Ave.	Brock Ave. and Dufferin St.	Anytime	Westbound
Waterloo Ave.	Dufferin St. and Gladstone Ave.	Anytime	Eastbound

Alternate Side Parking

Column 1	Column 2	Column 3	Column 4	Column 5
Highway	Side	Between	Parking Restrictions	Hours/Days
Argyle St.	North	A point 32 metres west of Dovercourt Rd. and Northcote Ave.	No parking; from Apr. 1 to Dec. 1	16 th day to the last day of each month, inclusive
Argyle St.	South	Dovercourt Rd. and Northcote Ave.	No parking; from Apr. 1 to Dec. 1	First day to the 15 th day of each month, inclusive

No Parking Certain Times

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Prohibited Times or Days
Argyle St.	North	A point 42.7 metres east of Dovercourt Rd. to a point 100.6 metres further east of it	8:30 a.m. to 6 p.m. Mon. to Fri.
Argyle St.	South	Dovercourt Rd. and Shaw St.	Anytime
Argyle St.	South	Entire length	Anytime

No Parking Certain Times

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Prohibited Times or Days
Gladstone Ave.	East	Queen St. West and Peel Ave.	Anytime
Gladstone Ave.	West	Peel Ave. and Waterloo Ave.	Each Thursday from Apr. 1 to Nov. 30, inclusive

No Parking Certain Times

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Prohibited Times or Days
Waterloo Ave.	North	Dufferin St. and Gladstone Ave.	Anytime, except each Thursday from Apr. 1 to Nov. 30, inclusive
Waterloo Ave.	South	Dufferin St. and Gladstone Ave.	Each Thursday from Apr. 1 to Nov 30, inclusive

No Parking Certain Times

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Prohibited Times or Days
Florence St.	North	Dufferin St. and Brock Ave.	From the 1 st day to the 15 th day of each month, Apr. 1 to Nov. 30, inclusive
Florence St.	North	Dufferin St. and Brock Ave.	Anytime from Dec. 1 of one year to Mar. 31 of the next following year, inclusive
Florence St.	South	Dufferin St. and Brock Ave.	From the 16 th day to the last day of each month, Apr. 1 to Nov. 30, inclusive

Parking for Persons with Disabilities

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Prohibited Times or days
Florence St.	North	A point 68 metres east of Brock Ave. and a point 5.5 metres further east	Anytime from the 16th day to the last day of each month, Apr. 1 to Nov. 30, inclusive
Florence St.	South	A point 63 metres east of Brock Ave. and a point 5.5 metres further east	Anytime from Dec. 1 of one year to Mar. 31 of the next following year, inclusive, and from the first day to the 15th day of each month Apr. 1 to Nov. 30, inclusive

Parking for Restricted Periods

Column 1	Column 2	Column 3	Column 4	Column 5
Highway	Side	Between	Prohibited Times or days	Maximum Period Permitted
Fermanagh Ave.	North	Roncesvalles Ave. and Sorauren Ave.	8 a.m. to 6 p.m., Mon. to Sat., 1 st day to the 15 th day of each month, from Apr. 1 to Nov. 30 inclusive	1 hour
Fermanagh Ave.	North	Sorauren Ave. and Roncesvalles Ave.	8 a.m. to 6 p.m., Mon to Sat., Dec 1 of one year to Mar. 31 of the next following year, inclusive	1 hour
Fermanagh Ave.	South	Roncesvalles Ave. and Sorauren Ave.	8 a.m. to 6 p.m., Mon. to Sat., 16 th day to the last day of each month, from Apr. 1 to Nov 30, inclusive	1 hour

No Parking

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Prohibited Times or days
Fermanagh Ave.	North	Roncesvalles Ave. and Sorauren Ave.	16 th day to the last day of each month, from Apr. 1 to Nov. 30, inclusive
Fermanagh Ave.	South	A point 88 metres east of Roncesvalles Ave. and a point 56.8 metres further east	8:30 a.m. to 5 p.m., Mon to Fri
Fermanagh Ave.	South	Roncesvalles Ave. and Sorauren Ave.	First day to the 15 th day of each month, from Apr. 1 to Nov. 30 inclusive.
Fermanagh Ave.	South	Roncesvalles Ave. and Sorauren Ave.	Anytime, from Dec 1 of one year to Mar. 31 of the next following year, inclusive

No Parking

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Prohibited Times or days
Havelock St.	East	College St. and Sylvan Ave.	Anytime, from Dec. 1 of one year to Mar. 31 of the next following year, inclusive
Havelock St.	West	College St. and Sylvan Ave.	From the 16 th day to the last day of each month, Apr. 1 to Nov. 30, inclusive

No Parking

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Prohibited Times or days
Lindsey Ave.	North	Dufferin St. (south intersection) and Brock Ave.	16 th day to the last day of each month, from Apr. 1 to Nov. 30, inclusive
Lindsey Ave.	South	Dufferin St. (south intersection) and Brock Ave.	First to the 15 th day of each month, from Apr. 1 to Nov. 30, inclusive
Lindsey Ave.	South	Dufferin Str. and Brock Ave.	Anytime, from Dec. 1 of one year to Mar. 31 of the next following year, inclusive

Time Limit Parking

Column 1	Column 2	Column 3	Column 4	Column 5
Highway Permitted	Side	Between	Times or Days	Period
Argyle St.	North	Dovercourt Rd. and the first lane west of Ossington Ave.	8 a.m. to 6 p.m.	60 mins.
Argyle St.	North	Ossington Ave. and Shaw St.	8 a.m. to 6 p.m.	60 mins.
Argyle St.	North	Ossington Ave. and the lane first west thereof	8 a.m. to 6 p.m.	60 mins

**APPENDIX 2
TRAFFIC AND PARKING REGULATIONS TO BE ENACTED**

Roads with Installed contra-flow bicycle lanes

One-Way Traffic Lanes

Highway	Between	Times and/or Days	Direction
Knox Ave	Eastern Ave. and Queen St. E.	Anytime	Southbound
Logan Ave.	Eastern Ave. and a point approximately 200 metres south of Eastern Ave.	Anytime	Southbound
Montrose Ave.	Harbord St. and Bloor St. West	Anytime	Southbound
Strathcona Ave.	Carlaw Ave. and Pape Ave.	Anytime	Eastbound
Strathcona Ave.	Pape Ave. and Blake St.	Anytime	Westbound

Roads with Approved contra-flow bicycle lanes

One-Way Traffic Lanes

Highway	Between	Times and/or Days	Direction
Argyle St.	Shaw St. and Givins	Anytime	Eastbound
Argyle St.	Ossington Ave. and Dovercourt Rd.	Anytime	Eastbound
Argyle St.	Lisgar St. and Northcote Ave.	Anytime	Westbound
Glen Cedar Rd.	Dewbourne Ave. and Eglinton Ave.W.	Anytime	Northbound
Gladstone Ave.	Argyle St. and Waterloo Ave.	Anytime	Southbound
Fermanagh Ave.	Roncesvalles Avenue and Sorauraen Ave.	Anytime	Westbound
Florence St.	Brock Avenue and Sheridan Ave.	Anytime	Westbound
Havelock St.	Lindsey Avenue and Sylvan Ave.	Anytime	Southbound
Lindsey Ave.	Brock Ave. and Dufferin St.	Anytime	Westbound
Waterloo Ave.	Dufferin St. and Gladstone Ave.	Anytime	Eastbound

Alternate Side Parking

Column 1	Column 2	Column 3	Column 4	Column 5
Highway	Side	Between	Parking Restrictions	Hours/Days
Argyle St.	North	Dovercourt Rd. and Lisgar St.	No parking; from Apr. 1 to Dec. 1	16 th day to the last day of each month, inclusive
Argyle St.	South	Dovercourt Rd. and Lisgar St.	No parking; from Apr. 1 to Dec. 1	First day to the 15 th day of each month, inclusive

No Parking

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Prohibited Times or days
Havelock St.	East	College St. and Lindsey Ave.	Anytime, from Dec. 1 of one year to Mar. 31 of the next following year, inclusive
Havelock St.	West	College St. and Lindsey Ave.	From the 16 th day to the last day of each month, Apr. 1 to Nov. 30, inclusive

No Parking Certain Times

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Prohibited Times or Days
Argyle St.	South	A point 42.7 metres east of Dovercourt Rd. to a point 100.6 metres further east of it	8:30 a.m. to 6 p.m. Mon. to Fri.
Argyle St.	South	Dovercourt Rd. and a point 42.7 metres east of it	Anytime
Argyle St.	South	Givins St. and Ossington Ave.	Anytime

No Parking Certain Times

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Prohibited Times or Days
Gladstone Ave.	East	Queen St. West and Argyle St.	Anytime
Gladstone Ave.	East	Waterloo Ave. and Peel Ave.	Anytime

No Stopping

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Times or Days
Argyle St.	North	Dovercourt Rd. Ossington Ave.	Anytime
Argyle St.	North	Givins St. and Shaw St.	Anytime
Argyle St.	North	Lisgar St. and Northcote Ave.	Anytime

No Stopping

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Times or Days
Gladstone Ave.	East	Argyle St. and Waterloo Ave.	Anytime

No Stopping

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Times or Days
Waterloo Ave.	North	Dufferin St. and Gladstone Ave.	Anytime

No Stopping

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Times or Days
Florence St.	South	Dufferin St. and Brock Ave.	Anytime

No Stopping

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Times or Days
Fermanagh Ave.	South	Roncesvalles Ave. and Sorauen Ave.	Anytime

No Stopping

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Times or Days
Havelock St.	East	Dewson St. and Lindsey Ave.	Anytime

No Stopping

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Times or Days
Lindsey St.	South	Brock Ave. and Dufferin St.	Anytime

Parking for Persons with Disabilities

Column 1	Column 2	Column 3	Column 4
Highway	Side	Between	Prohibited Times or days
Florence St.	North	A point 68 metres east of Brock Ave. and a point 5.5 metres further east	Anytime

Parking for Restricted Periods

Column 1	Column 2	Column 3	Column 4	Column 5
Highway	Side	Between	Prohibited Times or days	Maximum Period Permitted
Fermanagh Av.	North	Roncesvalles Ave. and Sorauren Ave.	8 a.m. to 6 p.m. Mon. to Sat.	1 hour

Time Limit Parking

Column 1	Column 2	Column 3	Column 4	Column 5
Highway Permitted	Side	Between	Times or Days	Period
Argyle St.	South	Givins St. and Shaw St.	8 a.m. to 6 p.m.	60 mins.
Argyle St.	South	Dovercourt Rd. and the first lane west of Ossington Ave.	8 a.m. to 6 p.m.	60 mins.
Argyle St.	South	Ossington Ave. and the lane first west thereof	8 a.m. to 6 p.m.	60 mins
Argyle St.	North	Ossington Ave. and Shaw St.	8 a.m. to 6 p.m.	60 mins.

Stop Controls for Contra-flow Bicycle Traffic:

Street	Bicycle traffic direction	Intersection
Argyle St.	Westbound	Givins St
Argyle St.	Westbound	Dovercourt Rd.
Argyle St.	Eastbound	Lisgar St.
Argyle St.	Eastbound	Beaconsfield Ave.
Fermanagh Ave.	Eastbound	Sorauren Ave.
Gladstone Ave.	Northbound	Waterloo Ave.
Glen Cedar Rd.	Southbound	Dewbourne St.
Havelock Ave.	Northbound	Sylvan Ave.
Lindsey Ave.	Eastbound	Dufferin St.
Waterloo Ave.	Westbound	Dufferin St.