



**STAFF REPORT
ACTION REQUIRED**

Proposed Bicycle Lanes on Sentinel Road from Finch Avenue West to Dovehouse Avenue

Date:	August 21, 2007
To:	North York Community Council
From:	Director, Transportation Infrastructure Management
Wards:	York West, Ward 8; York Centre, Ward 9
Reference Number:	p:\2007\ClusterB\tra\tim\ny07029tim

SUMMARY

North York Community Council does not have delegated authority from City Council to make a final decision because this report recommends amendments to on-street parking / standing / stopping regulations on a road where there is an established Toronto Transit Commission route.

The purpose of this report is to obtain authority to install bicycle lanes on Sentinel Road from Finch Avenue West to Dovehouse Avenue.

The proposed design of Sentinel Road will provide one traffic lane and one bicycle lane in each direction. The Ward Councillors have been consulted and support the proposed bicycle lanes on Sentinel Road.

RECOMMENDATIONS

The Transportation Services Division recommends that City Council:

1. approve the installation of bicycle lanes on both sides of Sentinel Road, from Finch Avenue West to Dovehouse Avenue, 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 Sentinel Road, in the estimated amount of \$85,000.00, 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

Sentinel Road, between Finch Avenue West and Dovehouse Avenue, was identified as a proposed bikeway in the Toronto Bike Plan. In 2006, bicycle lanes were installed on Sentinel Road north of Finch Avenue West.

COMMENTS

Existing Conditions

Sentinel Road from Dovehouse Avenue to Finch Avenue West is a two lane collector road. There is one signalized intersection on this section of Sentinel Road, at Finch Avenue West. The 24-hour traffic volume, south of Finch Avenue West, is approximately 8,600 vehicles. Between Finch Avenue West and Derrydown Road, the roadway width is 19 metres. South of Derrydown Road, the roadway narrows to 10.8 metres.

Parking is currently prohibited on the east side of Sentinel Road from Dovehouse Avenue to Finch Avenue West. Parking is generally permitted on the west side of Sentinel Road at all times of the day, except for a short section north and south of Derrydown Road. The Toronto Transit Commission (T.T.C.) operates the 106-York University bus service in both directions on the section of Sentinel Road between Dovehouse Avenue and Finch Avenue West.

Bicycle Lane Design

Sentinel Road, south of Derrydown Road, will feature a 3.6 metre traffic lane and 1.8 metre bicycle lane in each direction. The attached Drawing No. 421P0044, dated August, 2007, entitled "Sentinel Road: Finch Avenue West – Dovehouse Avenue: Proposed Bicycle Lane Location Plan" illustrates the proposed location of the bicycle lanes. The attached Drawing No. 421P0045, dated August, 2007, entitled "Sentinel Road: Finch

Avenue West – Dovehouse Avenue: Cross Section A-A” illustrates the existing and proposed cross-sections for Sentinel Road. North of Derrydown Road, the extra roadway width permits the retention of some on-street parking along the west side, as well as exclusive turn lanes at the Finch Avenue West intersection.

Traffic and Parking Impacts

The proposed bicycle lane will have no impact on traffic operations as the design retains the existing number of traffic lanes. The on-street parking on the west side of Sentinel Road, south of Derrydown Road, will be changed to prohibit stopping. As driveways are present for all residents along this section, this change is expected to have little impact. North of Derrydown Road, the number of on-street parking spaces will be reduced from six to three to accommodate the bicycle and exclusive turn lanes.

T.T.C. Impacts

The proposed design should have no impact on T.T.C. service on Sentinel Road. The T.T.C. has been consulted on this proposal and do not have any concerns.

Public Consultation

The Ward Councillors have been consulted in the preparation of the bicycle lane proposal and they support the project. Because of the minimal impacts associated with the bicycle lanes, the Councillors decided that public consultation was not required.

CONTACT

Peter de Groot, P.Eng
Transportation Engineer
Pedestrian and Cycling Infrastructure
Tel: 416-392-8589, Fax: 416-392-4808
E-mail: pdegroo@toronto.ca

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

PdG/nb

ATTACHMENTS

Appendix A – Bicycle Lanes to be Designated
Appendix B – Parking and Traffic By-Law Amendments
Drawing Nos. 421P0044 and 421P0045

**Appendix A
Bicycle Lanes to be Designated**

Add the following:

Highway	Side and Location	Between
Sentinel Rd.	East, adjacent to the curb	Finch Avenue West and Dovehouse Avenue
Sentinel Rd.	West, adjacent to parking	Finch Avenue West and Derrydown Road
Sentinel Rd.	West, adjacent to the curb	Derrydown Road and Dovehouse Avenue

**Appendix B
Traffic and Parking By-law Amendments
Required to Implement Bicycle Lanes**

1. Delete the following:

No Parking Schedule

Highway	Side	From	To	Time
Sentinel Rd.	East	The Northerly Limit of Grandravine Dr.	The Southerly Limit of Finch Ave.	Anytime
Sentinel Rd.	West	The Northerly Limit Of Derrydown Rd.	A Point 61M North of The Northerly Limit Of Derrydown Rd.	Anytime
Sentinel Rd.	East	The Northerly Limit Of Brookwell Dr.	The Southerly Limit Of Grandravine Dr.	Anytime

No Stopping Schedule

Highway	Side	From	To	Time
Sentinel Rd.	East	91.5M North Of The Northerly Limit Of Hucknall Rd.	350.75M North Of The Northerly Limit Of Hucknall Rd.	8:00 AM– 6:00 PM Mon. to Fri.
Sentinel Rd.	West	36.6M South Of The Southerly Limit Of Derrydown Rd.	36.6M North Of The Northerly Limit Of Dundee Dr.	8:00 AM – 6:00 PM Mon. – Fri.

2. Add the following

No Stopping Schedule

Street	Side	Between	Times/Days
Sentinel Rd.	East	Finch Avenue West and Dovehouse Avenue	Anytime
Sentinel Rd.	West	Finch Avenue West and a point 50M South of Finch Avenue West	Anytime
Sentinel Rd.	West	A point 50M North of Derrydown Road and Dovehouse Avenue	Anytime