TORONTO

STAFF REPORT
ACTION REQUIRED

Pedestrian Crossing Regulation Review – Corporate Drive and Highway 401 Collector East Ramp

Date:	May 22, 2012
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Ward 38 - Scarborough Centre
Reference Number:	P:\2012\Cluster B\TRA\Scarborough\sc1256 D12-4729182 Corporate Hwy 401 CE Ramp

SUMMARY

This report details prohibited pedestrian crossings at Corporate Drive and the Highway 401 Collector East Ramp (to the east of the underpass of McCowan Road).

Approval of the regulation amendments will discourage pedestrians from using the north side of Corporate Drive, which is too narrow to safely allow pedestrian traffic.

RECOMMENDATIONS

Transportation Services recommends that:

1. City Council rescind the prohibited pedestrian crossings regulation, as identified in Appendix 2 of the report.

2. City Council enact the prohibited pedestrian crossings regulations, as identified in Appendix 2 of the report.

3. City Council pass or amend the appropriate by-law(s) accordingly.

Financial Impact

The financial cost of removing these pedestrian crossing signal heads is approximately $2,000.00. Funding for the signal work is available in the Transportation Services 2012 Capital Budget. Funding for the pavement marking removal, estimated to be approximately $200.00 is available in the Transportation Services 2012 Operating Budget, within Cost Centre TP0398.

ISSUE BACKGROUND

Currently there are existing pedestrian crossing pavement marking lines across the north leg of the intersection of Corporate Drive at Highway 401 Collector East Ramp. Pedestrian crossing signal heads are also in place on the north leg of this intersection. There is a signal prohibition in place that was intended to prohibit pedestrian crossings on the west side of the intersection; however, this existing regulation references the east side crossing for unknown reasons and requires correction at this time as a housekeeping matter.

Early in 2012 Transportation Services staff, citing pedestrian safety and liability concerns along the north side of Corporate Drive east from Progress Avenue, took steps to mitigate concerns about pedestrians along a narrow strip along the north side of the road. Pedestrian advisory signs to use the south sidewalk on Corporate Drive were installed. In addition, the pedestrian signal heads on the north side of Corporate Drive at the Highway 401 Collector East Ramp were bagged to prevent conflicting messages with the new advisory signs.

COMMENTS

The following characteristics describe the area at Corporate Drive and the Highway 401 Collector East Ramp.

- Corporate Drive is an east-west collector road with a 50 km/h speed limit.
- The unit paver strip along the north side of Corporate Drive is too narrow for pedestrian use, being less than one metre wide (pedestrian use requires a concrete sidewalk at 1.7 metres wide).
- This portion of Corporate Drive is located in Ward 38 just below the McCowan Road overpass in the Woburn neighbourhood.
- The land uses in the area are a mixture of commercial (Scarborough Town Centre Mall), corporate office (Consilium buildings) and residential (high-rise condominiums).
- A review of the available Toronto Police Services collisions reveals there have been six reported collisions at the subject intersection (January 1, 2007 to the current collision data limit of October 15, 2011). None of these collisions involved pedestrians. This collision record is not indicative of a safety problem at this location at this time.
- A sidewalk cannot be installed along the north boulevard due to the location of the existing abutment of the McCowan Road Overpass. Such a sidewalk would require significant alterations to the bridge and the north abutment, or reconstruction of the roadway.

The proposed pedestrian crossing regulation will mitigate the safety concerns about pedestrians using the north side unit pavers strip as a sidewalk.

CONTACT

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SIGNATURE

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Peter J. Noehammer, P. Eng.
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JAB:ca

ATTACHMENTS

1. Appendix 1 – By-law Amendment (rescind)
2. Appendix 2 – By-law Amendment (enact)
3. Location Plan (Pedestrian Crossings Regulation Review - Corporate Drive and Highway 401 Collector East Ramp)

Appendix 1

"Prohibited Pedestrian Crossings"
Regulation to be rescinded

(In Column 1) Highway	(In Column 2) Location
Corporate Drive	Between the west curb of Highway 401 eastbound on ramp and a point 30.5 metres east of the east curb line

Appendix 2

"Prohibited Pedestrian Crossings"
Regulation to be enacted

(In Column 1) Highway	(In Column 2) Location
Corporate Drive	Between the east curb of Highway 401 eastbound on ramp and a point 30.5 metres west of the west curb line
Highway 401 eastbound on ramp	Between the south curb of Corporate Drive and a point 30.5 metres north of the north curb line