SUBJECT: Designated Right Turn Lane - East Street North between Cootes Drive and King Street East (PW06130) - (Ward 13)

RECOMMENDATION:

(a) That the east curb lane of East Street North between Cootes Drive and King Street East be designated as a northbound Right Turn Lane.

(b) That the by-law outlined in Report PW06130 as Appendix “A” to amend the City of Hamilton Traffic By-law 01-215 be passed and enacted.

EXECUTIVE SUMMARY:

Staff received a request from the area Councillor to review the lane configuration on the south approach of the intersection of King Street E. and East Street N.  King Street E. runs east/west and East Street N. runs north/south.  Presently, East St. is 2 lanes south of King St. and only 1 lane north of King St.  Therefore, if two northbound vehicles attempt to go through the intersection at the same time there is potential for a collision north of King St. as both vehicles attempt to merge into one lane.  Designating the northbound curb lane as a Right Turn Lane Only will eliminate this conflict.

BACKGROUND:

The information/recommendations contained within this report primarily affects Ward 13.
Staff received a request from the area Councillor to review the lane configuration on the south approach of the intersection of King Street East and East Street North. King Street East runs east/west and East Street North runs north/south. Presently, East St. is 2 lanes south of King St. and only 1 lane north of King St. Therefore, if two northbound vehicles attempt to go through the intersection at the same time there is potential for a collision north of King Street East as both vehicles attempt to merge into one lane.

Traffic volume counts were conducted for 1 hour in the morning and 1 hour in the afternoon. During the study hours there were 5 different occasions where two northbound vehicles entered the intersection at the same time and were forced to merge into 1 lane. There have been no reported collisions in the last 10 years that can be attributed to the current lane arrangement; however, designing the northbound curb lane as a Right Turn Lane will eliminate the potential for any in the future that may result from the unusual arrangement.

**ANALYSIS/RATIONALE:**

Designating the northbound curb lane as a Right Turn Lane will eliminate potential sideswipe collisions when two northbound vehicles enter the intersection at the same time, therefore the recommendation is justified.

**ALTERNATIVES FOR CONSIDERATION:**

One alternative would be to take no action. However, since this merge issue has been brought to the City’s attention, the City has a reasonable duty to address it.

**FINANCIAL/STAFFING/LEGAL IMPLICATIONS:**

Sufficient funds are available in regular accounts to cover the cost of manufacturing, erecting and maintaining the required signs and revising the associated pavement markings.

**POLICIES AFFECTING PROPOSAL:**

There are no corporate or departmental policies affecting this issue.

**RELEVANT CONSULTATION:**

Councillor Samson has been advised of the proposed recommendations.

**CITY STRATEGIC COMMITMENT:**

By evaluating the “Triple Bottom Line”, (community, environment, economic implications) we can make choices that create value across all three bottom lines, moving us closer to our vision for a sustainable community, and Provincial interests.

Community Well-Being is enhanced. ☑ Yes ☐ No
Implementation of a designated Right Turn Lane will eliminate potential conflict between northbound vehicles entering the intersection, thereby resulting in safer traffic operations at the intersection.

Environmental Well-Being is enhanced. ☐ Yes ☑ No

Economic Well-Being is enhanced. ☐ Yes ☑ No
Does the option you are recommending create value across all three bottom lines?  
☐ Yes  ☑ No

Do the options you are recommending make Hamilton a City of choice for high performance public servants?  
☐ Yes  ☑ No
CITY OF HAMILTON

BY-LAW NO. 06-

To Amend By-law No. 01-215
Being a By-law To Regulate Traffic

WHEREAS Section 11(1)1 of the Municipal Act, S.O. 2001, Chapter 25, as amended, confers upon the councils of all municipalities the power to enact by-laws for regulating parking and traffic on highways subject to the Highway Traffic Act;

AND WHEREAS on the 18th day of September, 2001, the Council of the City of Hamilton enacted By-law No. 01-215 to regulate traffic;

AND WHEREAS it is necessary to amend By-law No. 01-215.

NOW THEREFORE the Council of the City of Hamilton enacts as follows:

1. Schedule 13 (Designated Traffic Lanes) of By-law No. 01-215, as amended, is hereby further amended by adding to Section "B" thereof the following item, namely:

   "East Cootes East Anytime Northerly
    and King     to Easterly"

2. Subject to the amendments made in this By-law, in all other respects, By-law No. 01-215, including all Schedules thereto, as amended, is hereby confirmed unchanged.

3. This By-law shall come into force and take effect on the date of its passing and enactment.

PASSED and ENACTED this day of , 2006

_________________________________ ____________ ____________________
MAYOR                                    CLERK
DESIGNATED RIGHT TURN LANE
East Street North between Cootes Drive and King Street East
CITY OF HAMILTON
Public Works Department

LEGEND

SUBJECT SECTION OF ROADWAY
SCALE NOT TO SCALE
DATE 2006-10-12
REFERENCE FILE NO: PW06130