



**STAFF REPORT  
ACTION REQUIRED**

**All-Way Stop Control - Riverside Drive and Riverside Trail**

<b>Date:</b>	October 24, 2013
<b>To:</b>	Etobicoke York Community Council
<b>From:</b>	Director, Transportation Services - Etobicoke York District
<b>Wards:</b>	Ward 13 – Parkdale-High Park
<b>Reference Number:</b>	p:\2013\Cluster B\TRA\EtobicokeYork\eycc130138-to

**SUMMARY**

This staff report is about a matter that Community Council has delegated authority from City Council to make a final decision.

The purpose of this report is to recommend the installation of an all-way stop control at the intersection of Riverside Drive and Riverside Trail.

The all-way stop control will enhance traffic safety given the restricted sight lines created by the curved roadway geometry and both the foliage (bushes and trees) and the corner of the house located on the property on east side of Riverside Drive, opposite Riverside Trail.

**RECOMMENDATIONS**

**Transportation Services recommends that Etobicoke York Community Council approve:**

1. Installing all-way stop controls at the intersection of Riverside Drive and Riverside Trail.

**Financial Impact**

Type of Funding	Source of Funds	Amount
Available within current budget	Transportation Services Operating Budget	\$900.00

## **ISSUE BACKGROUND**

As part of a review of traffic concerns on Riverside Drive, Transportation Services investigated the need for an all-way stop control at the intersection of Riverside Drive and Riverside Trail. A map of the area is Attachment 1.

## **COMMENTS**

Riverside Drive is a two-way local road located west of South Kingsway and extending north-south between Bloor Street West and South Kingsway. There are no sidewalks on the street except for a short section on the east side, south of Mossom Place. Riverside Trail is a two-way local road extending east-west from the west side of Riverside Drive and terminating approximately 110 metres west of Riverside Drive. Riverside Drive also extends east-west from the east side of Brule Gardens, terminating approximately 115 metres east of Brule Gardens. The two sections of Riverside Trail are connected by a walkway. There are no sidewalks or curbs on either side of the street. The posted speed limit on the current through street (Riverside Drive) is 40 km/h.

The intersection of Riverside Drive and Riverside Trail is currently controlled by a stop sign for eastbound motorists on Riverside Trail. The intersection is located at a curve in the road (Riverside Drive) and there are currently curve warning signs and overhead flashing amber beacons located in advance of and at the intersection, respectively.

Toronto Police Service collision records for a five-year period ending December 31, 2012, indicate three reported collisions at/near the intersection of Riverside Drive and Riverside Trail. Two of the collisions were single motor vehicle type and alcohol consumption was stated as a driver condition in one of these two collisions, impairment was stated as a condition in the other collision. The third collision involved a northbound vehicle striking a southbound vehicle during light snow road surface conditions. No injuries were reported in any of the three conditions.

The justification for the installation of an all-way stop control is based on technical warrants adopted by Toronto City Council based on collision history and traffic volume. Our study results are summarized in Appendix A. Although the technical warrants for the installation of an all-way stop control are not met in this instance, there are compelling site conditions that impacts operational safety and that merit additional consideration. Specifically, the sharp curve and both the foliage (bushes and trees) as well as the corner of the house on the property located on the east side of Riverside Drive, opposite Riverside Trail, restrict visibility of opposing traffic on Riverside Drive at the curve.

Given the sight restrictions caused by the curved roadway geometry, the foliage on the property and the location of the house on the east side of Riverside Drive, opposite Riverside Trail, and the inability to correct this site condition, it is recommended that an all-way stop control be installed at the intersection of Riverside Drive and Riverside Trail to improve operating conditions and enhance traffic safety for all road users. If an all-way stop control is approved at this location, the existing overhead flashing amber beacons would be changed to red flashing beacons in conjunction with the installation of the signage.

**CONTACT**

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**SIGNATURE**

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Steven T. Kodama, P.Eng.

Director, Transportation Services - Etobicoke York District

**ATTACHMENTS**

Appendix A

Attachment 1:           Map

## APPENDIX A

### Warrants for All-way “Stop” Sign Control

Study location: Riverside Drive and Riverside Trail

Four-Hour Study Period	Total Approach Vehicle Volume	Vehicle/Pedestrian Volume Crossing Major Road	Unit Volume Split Major/Minor Roads
Study Period Average	138	6	96/4
Warrant Requirements for Study Period Average	$\geq 250$	$\geq 100$	$\geq 30/70$ or $\leq 70/30$

To warrant the installation of an all-way STOP control, the traffic volume requirements for the “Study Period Average” must be completely satisfied in either of the following two combinations:

1. “Total Approach Vehicle Volume” & “Unit Volume Split – Major/Minor Roads”  
or
2. “Vehicle/Pedestrian Volume Crossing Major Road” & “Unit Volume Split-Major/Minor Roads”