Traffic Control Signals Study – Brimley Road south of Huntingwood Drive

<table>
<thead>
<tr>
<th>Date:</th>
<th>August 17, 2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>To:</td>
<td>Scarborough Community Council</td>
</tr>
<tr>
<td>From:</td>
<td>Director, Transportation Services, Scarborough District</td>
</tr>
<tr>
<td>Wards:</td>
<td>Ward 41 – Scarborough-Rouge River</td>
</tr>
<tr>
<td>Reference Number:</td>
<td>P:\2012\Cluster B\TRA\Scarborough\sc1280 D11-4594583 Brimley Huntingwood - TCS</td>
</tr>
</tbody>
</table>

**SUMMARY**

The purpose of this report is to obtain approval for the installation of traffic control signals at Brimley Road and a driveway into a retail development approximately 120m south of Brimley Road.

Traffic studies from the developer's consultants reveal that a full access driveway that abuts a public park trail system should be upgraded to traffic control signals to improve public safety while mitigating development impacts.

**RECOMMENDATIONS**

Transportation Services recommends that:

1. City Council approve the installation of traffic control signals at the intersection of Brimley Road and the private driveway approximately 120 metres south of Brimley Road.

2. City Council pass or amend the appropriate by-law(s) accordingly.
**Financial Impact**
The full financial cost of installing the new traffic control signals will be borne by the developer.

**ISSUE BACKGROUND**
As part of the redevelopment of the commercial plaza at the corner of Brimley Road and Huntingwood Drive, Transportation Services is recommending that City Council approve the installation of traffic control signals on Brimley Road at the private driveway to the plaza approximately 120 metres south of Huntingwood Drive.

**COMMENTS**
The following characteristics describe the intersection of Brimley Road and the private driveway to the plaza approximately 120 metres south of Huntingwood Drive:

- This three-way intersection is located at the south end of a retail plaza which abuts a public park trail and is presently controlled by a stop sign on the private driveway.
- Brimley Road is a four-lane major arterial roadway with a left-turn storage lane south of Huntingwood Drive. The public trail that travels along East Highland Creek is well used by pedestrians and cyclists, and is approximately 20 metres south of the driveway.
- Brimley Road has a speed limit of 60 km/h and a daily traffic volume of approximately 34,200 vehicles per day.
- Toronto Transit Commission bus stops for northbound and southbound directions along Brimley Road are located just to the south of the private driveway intersection.
- Traffic control signals equipped with a northbound red light camera are located approximately 120 metres north at Huntingwood Drive. Traffic control signals are also located approximately 820 metres south at Heather Road. These signal spacings are adequate.
- Sidewalks are located on both sides of Brimley Road.
The proposed traffic control signals have been secured through the development process from the developer of the plaza at the southeast corner of Brimley Road and Huntingwood Drive. This feature will mitigate the traffic impacts of the development while improving pedestrian safety by providing a protected crossing for uses of the public trail located immediately south of this site.

CONTACT
Marko A. Oinonen, B.A Sc., P. Eng.
Manager, Traffic Operations, Scarborough District
Tel: 416-396-7148
Fax: 416-396-5641
E-Mail: moinone@toronto.ca

SIGNATURE

____________________________________
Peter J. Noehammer, P. Eng.
Director, Transportation Services, Scarborough District

JAB:ca

ATTACHMENTS

1. Location Plan (Traffic Control Signals Study – Brimley Road south of Huntingwood Drive)